

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064501.D
 Acq On : 6 Nov 2020 22:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:56:15 AM

Quant Time: Nov 07 04:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	309519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	546371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	266032	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.55	113	181038	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.06	98	687965	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	258682	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186352	46.251	ug/l	99
3) Chloromethane	2.04	50	225241	46.024	ug/l	98
4) Vinyl Chloride	2.17	62	241385	48.031	ug/l	100
5) Bromomethane	2.52	94	144657	45.056	ug/l	97
6) Chloroethane	2.67	64	161666	50.244	ug/l	98
7) Trichlorofluoromethane	2.98	101	361930	48.908	ug/l	95
8) Diethyl Ether	3.38	74	127084	48.629	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	161685	46.009	ug/l	99
10) Methyl Iodide	3.91	142	202369	49.559	ug/l	99
11) Tert butyl alcohol	4.75	59	176380	296.659	ug/l	99
12) 1,1-Dichloroethene	3.69	96	160630	48.525	ug/l	98
13) Acrolein	3.57	56	94725	256.851	ug/l	99
14) Allyl chloride	4.27	41	308229	47.599	ug/l	99
15) Acrylonitrile	4.94	53	492600	297.589	ug/l	99
16) Acetone	3.78	43	476084	231.822	ug/l	99
17) Carbon Disulfide	4.01	76	469815	47.460	ug/l	98
18) Methyl Acetate	4.28	43	282447	69.957	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	608518	51.077	ug/l	99
20) Methylene Chloride	4.50	84	198496	48.715	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	185620	49.387	ug/l	99
22) Diisopropyl ether	5.91	45	691659	50.318	ug/l	97
23) Vinyl Acetate	5.85	43	2833169	253.365	ug/l	98
24) 1,1-Dichloroethane	5.80	63	372883	49.366	ug/l	100
25) 2-Butanone	6.79	43	730362	279.121	ug/l	98
26) 2,2-Dichloropropane	6.78	77	285791	41.797	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	210400	48.310	ug/l	97
28) Bromochloromethane	7.15	49	183492	49.422	ug/l	100
29) Tetrahydrofuran	7.17	42	468204	291.647	ug/l	98
30) Chloroform	7.33	83	394893	49.736	ug/l	99
31) Cyclohexane	7.61	56	289253	44.135	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	351352	49.893	ug/l	98
36) 1,1-Dichloropropene	7.75	75	281472	48.765	ug/l	99
37) Ethyl Acetate	6.89	43	293731	50.138	ug/l	99
38) Carbon Tetrachloride	7.73	117	307840	49.902	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	242280	46.824	ug/l	94
40) Benzene	8.00	78	831310	49.013	ug/l	100
41) Methacrylonitrile	7.13	41	124673	48.719	ug/l	96
42) 1,2-Dichloroethane	8.09	62	345587	50.489	ug/l	99
43) Isopropyl Acetate	8.13	43	505594	54.051	ug/l	100
44) Trichloroethene	8.80	130	202434	47.306	ug/l	99
45) 1,2-Dichloropropane	9.09	63	228303	50.447	ug/l	98
46) Dibromomethane	9.18	93	151498	50.852	ug/l	98
47) Bromodichloromethane	9.37	83	327527	51.130	ug/l	99
48) Methyl methacrylate	9.17	41	261322	55.364	ug/l	99
49) 1,4-Dioxane	9.17	88	79091	1272.170	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1625193	297.926	ug/l	100
52) Toluene	10.13	92	528175	51.057	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	339996	50.064	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	356001	49.029	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	213014	52.799	ug/l	98
56) Ethyl methacrylate	10.40	69	316170	47.719	ug/l	99
57) 1,3-Dichloropropane	10.68	76	369741	52.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	833953	264.517	ug/l	99
59) 2-Hexanone	10.72	43	1192158	267.716	ug/l	100
60) Dibromochloromethane	10.87	129	239227	52.962	ug/l	99
61) 1,2-Dibromoethane	10.98	107	221661	54.167	ug/l	98
64) Tetrachloroethene	10.60	164	191524	48.185	ug/l	97
65) Chlorobenzene	11.41	112	551322	48.738	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	218208	51.708	ug/l	100
67) Ethyl Benzene	11.49	91	1011621	50.277	ug/l	100
68) m/p-Xylenes	11.59	106	739645	101.362	ug/l	98
69) o-Xylene	11.92	106	353168	50.086	ug/l	98
70) Styrene	11.94	104	625641	52.729	ug/l	99
71) Bromoform	12.10	173	159706	50.391	ug/l #	98
73) Isopropylbenzene	12.23	105	941832	49.086	ug/l	100
74) N-amyl acetate	12.05	43	447082	48.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	313726	53.233	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	305292m	52.196	ug/l	
77) Bromobenzene	12.50	156	226535	48.358	ug/l	98
78) n-propylbenzene	12.57	91	1079553	49.351	ug/l	100
79) 2-Chlorotoluene	12.65	91	679390	48.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	799356	50.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	102835	49.090	ug/l	96
82) 4-Chlorotoluene	12.75	91	716845	49.336	ug/l	100
83) tert-Butylbenzene	12.97	119	610761	49.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	814202	51.167	ug/l	99
85) sec-Butylbenzene	13.15	105	810987	51.797	ug/l	100
86) p-Isopropyltoluene	13.26	119	720733	51.177	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	396941	49.019	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	395671	47.281	ug/l	99
89) n-Butylbenzene	13.59	91	615044	50.794	ug/l	100
90) Hexachloroethane	13.85	117	141974	52.259	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	399229	51.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	71966	61.332	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	175796	45.628	ug/l	98
94) Hexachlorobutadiene	14.98	225	84310	53.162	ug/l	99
95) Naphthalene	15.10	128	591397	45.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176445	47.244	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

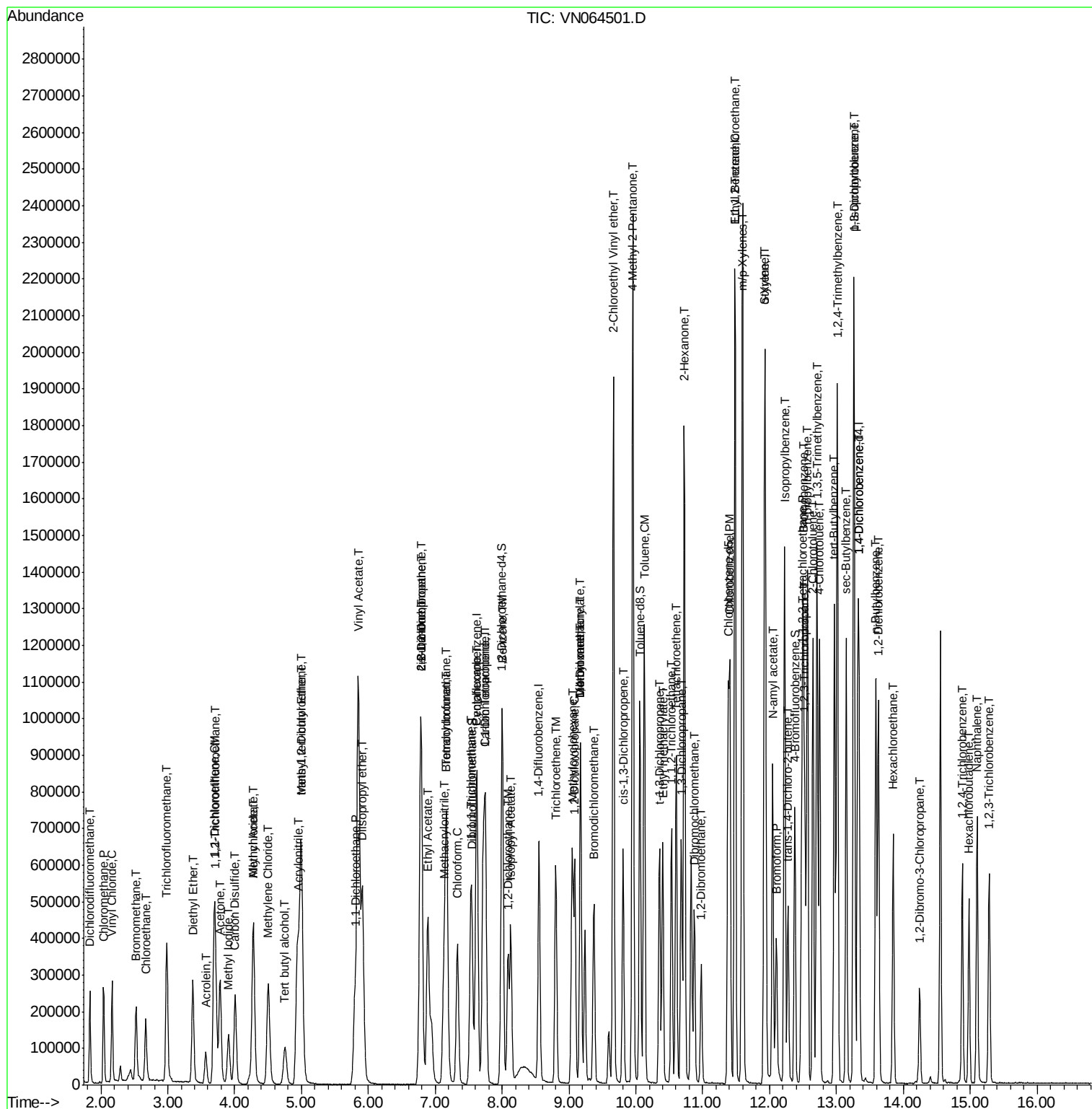
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110620\
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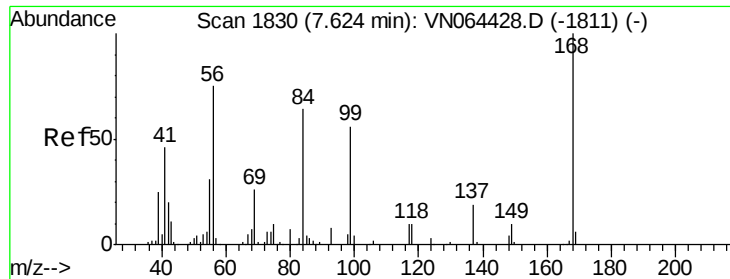
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 309519

Ion Ratio Lower Upper

168 100

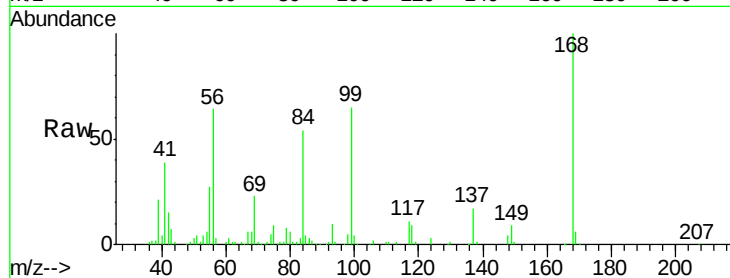
99 64.4 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

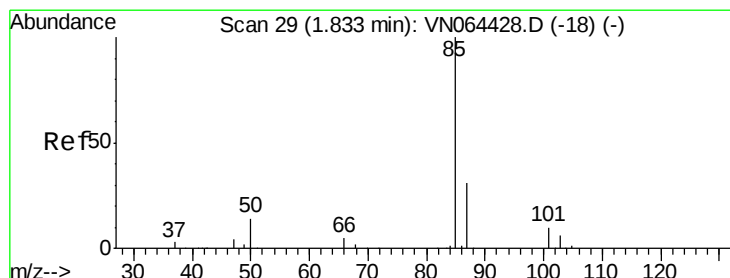
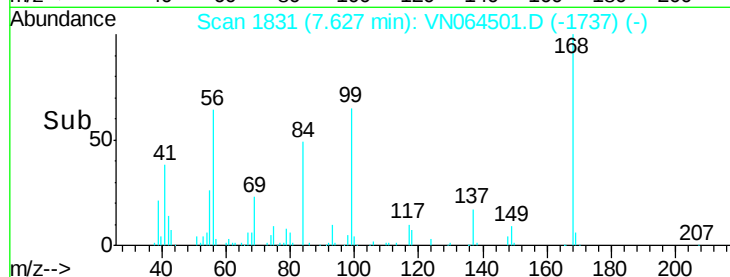
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.251 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064501.D

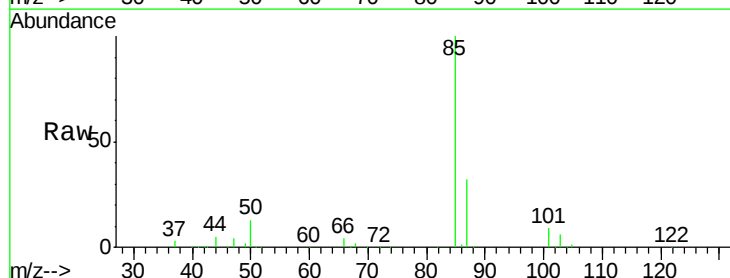
Acq: 6 Nov 2020 22:30

Tgt Ion: 85 Resp: 186352

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

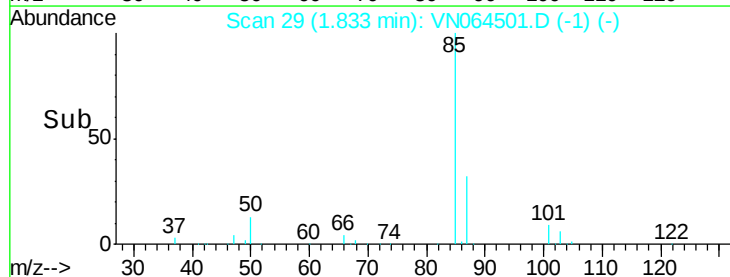
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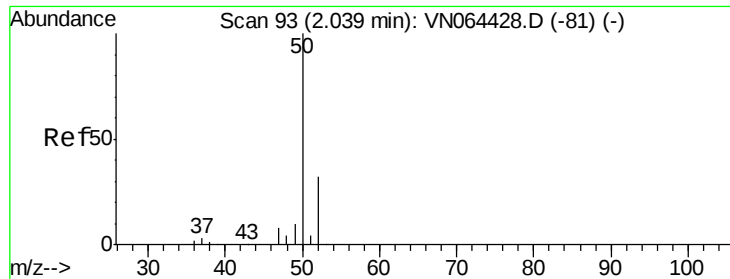
100000

50000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.024 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 225241

Ion Ratio Lower Upper

50 100

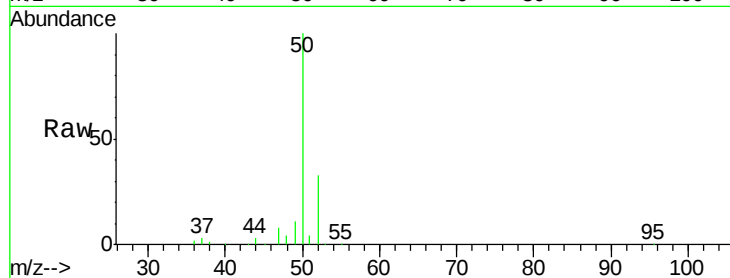
52 33.0 25.3 37.9

Manual Integrations

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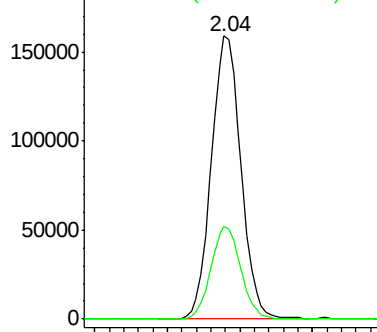
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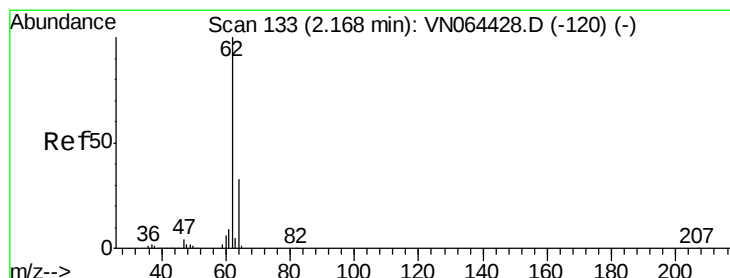
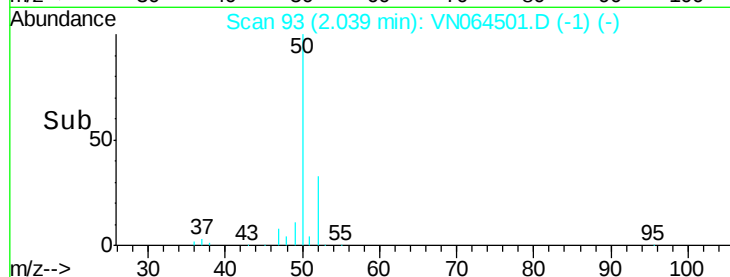


Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->



#4

Vinyl Chloride

Concen: 48.031 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064501.D

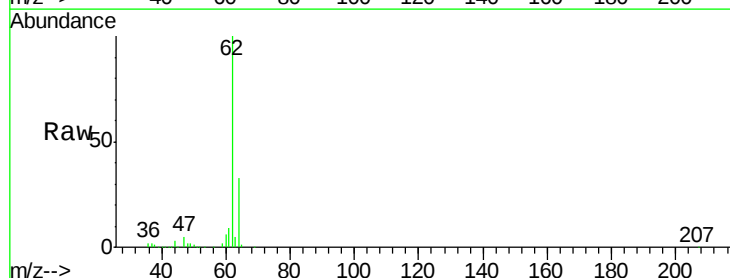
Acq: 6 Nov 2020 22:30

Tgt Ion: 62 Resp: 241385

Ion Ratio Lower Upper

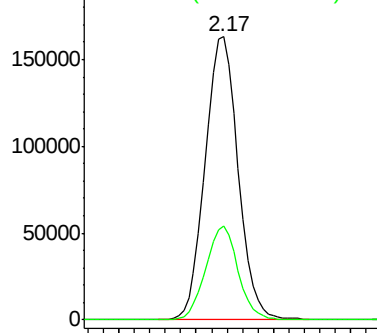
62 100

64 33.0 26.3 39.5

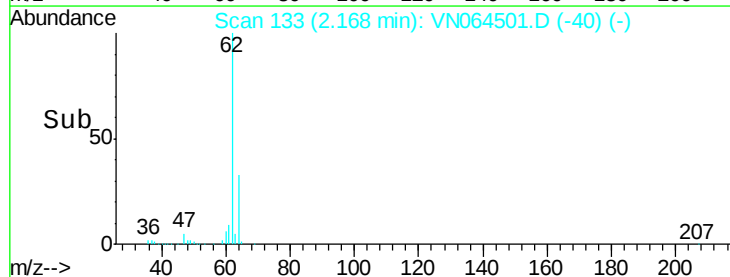


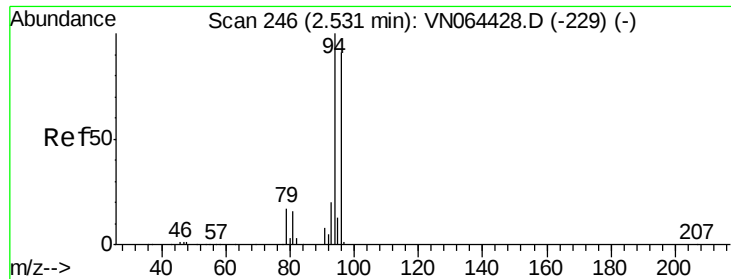
Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



Time-->





#5

Bromomethane

Concen: 45.056 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 144657

Ion Ratio Lower Upper

94 100

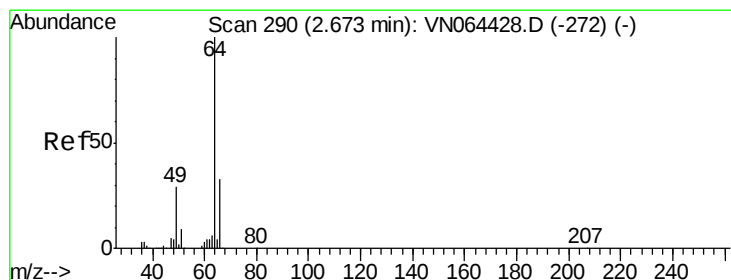
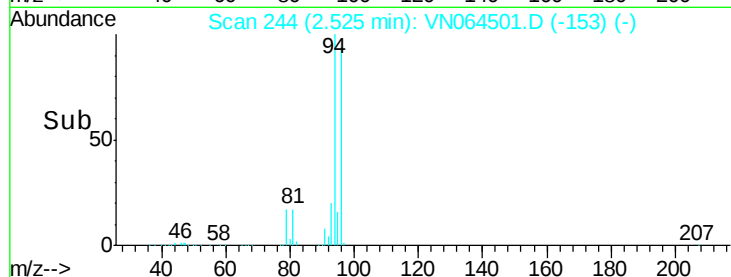
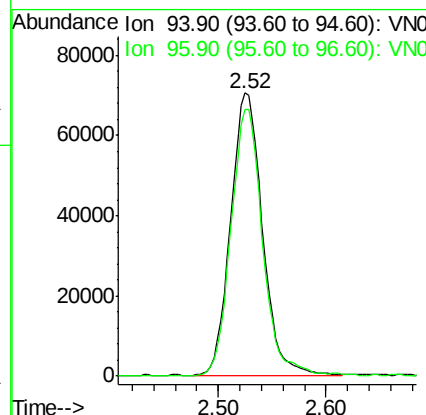
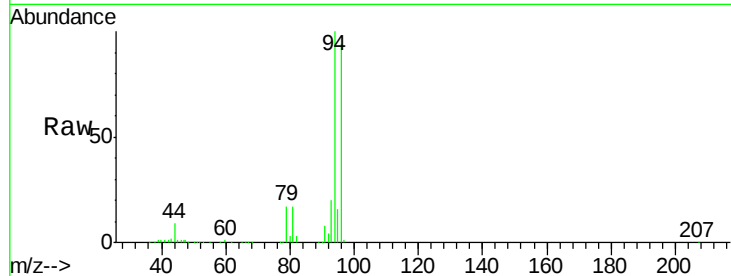
96 94.5 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 50.244 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064501.D

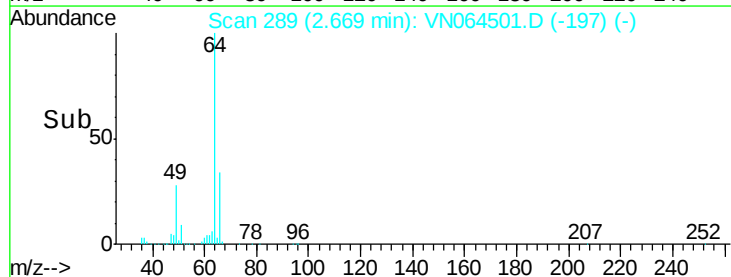
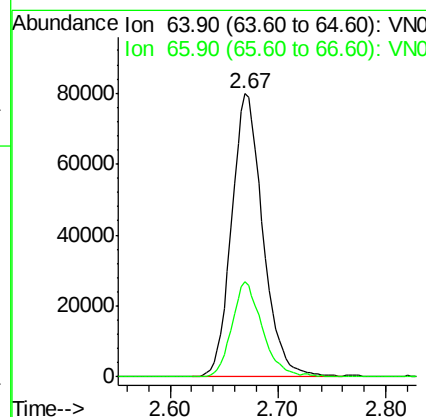
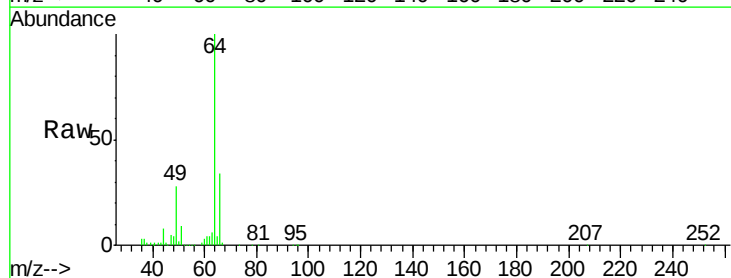
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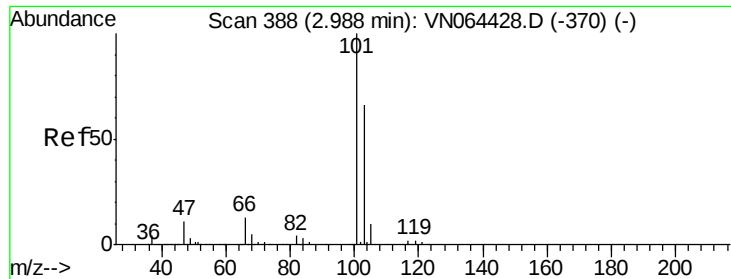
Tgt Ion: 64 Resp: 161666

Ion Ratio Lower Upper

64 100

66 33.5 26.1 39.1





#7

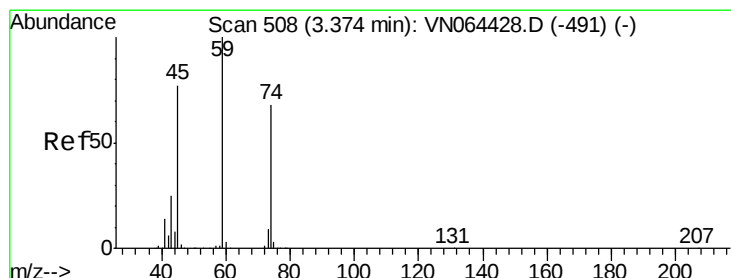
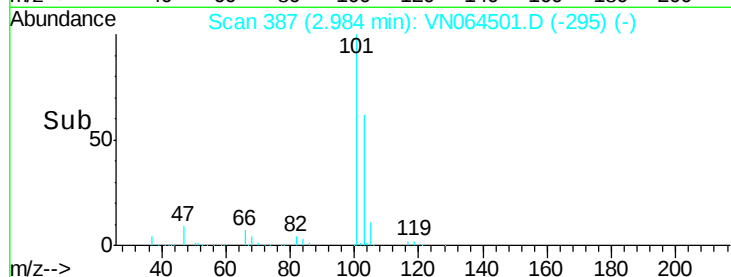
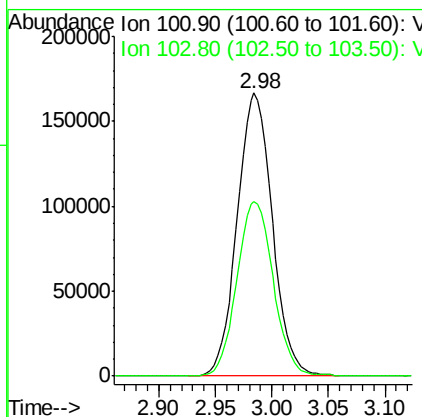
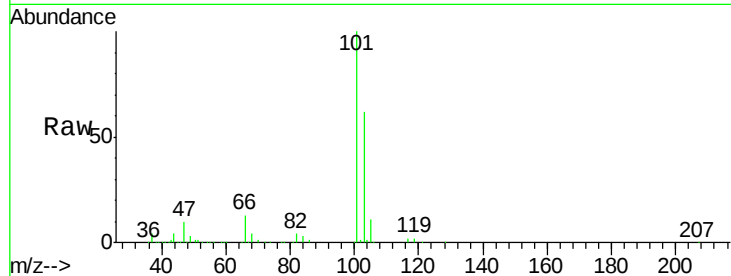
Trichlorofluoromethane
 Concen: 48.908 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064501.D
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Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		361930		
103	61.7	52.4	78.6		

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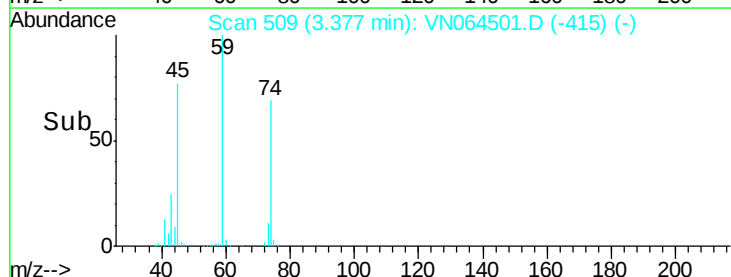
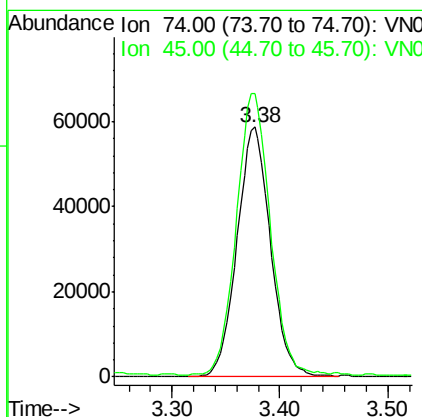
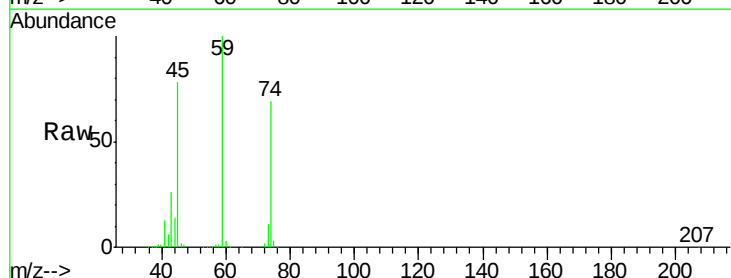
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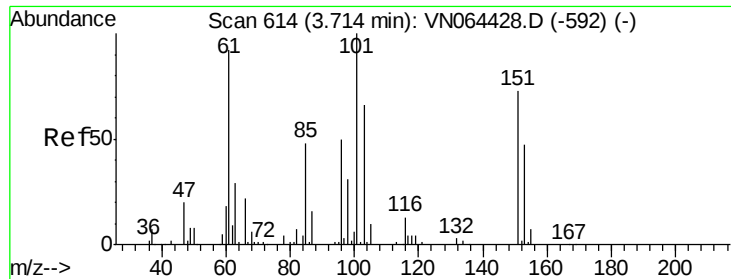


#8

Diethyl Ether
 Concen: 48.629 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		127084		
45	114.0	55.9	167.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.009 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

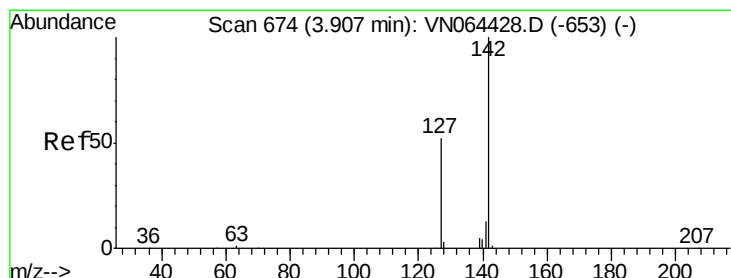
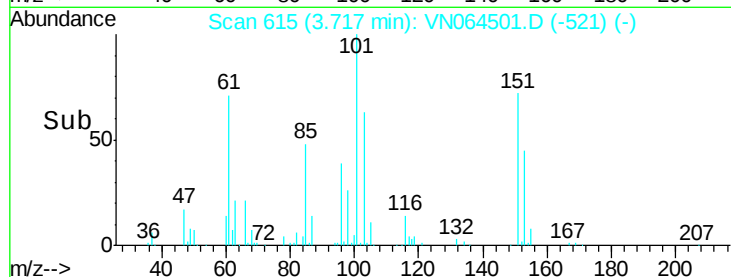
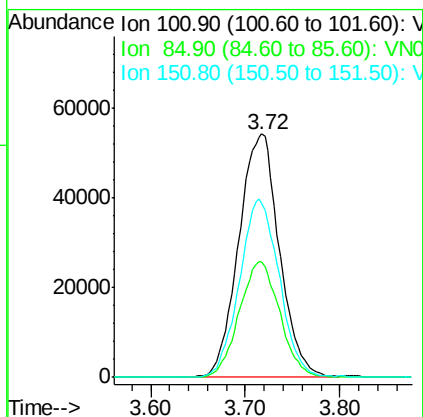
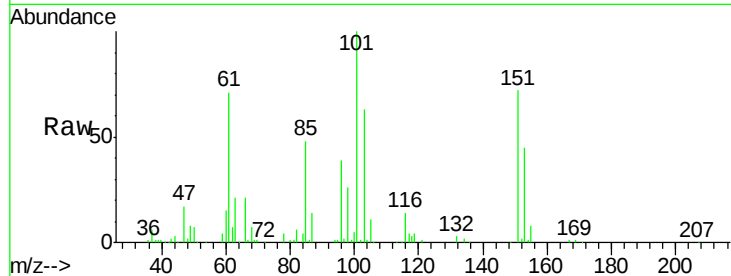
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	161685
Ion Ratio	Lower	Upper	
101	100		
85	47.3	38.6	57.8
151	71.5	57.5	86.3

Manual Integrations
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#10

Methyl Iodide

Concen: 49.559 ug/l

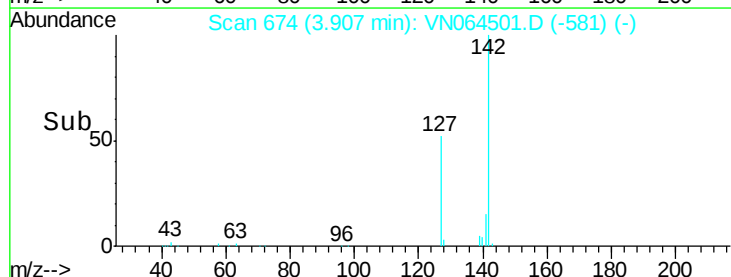
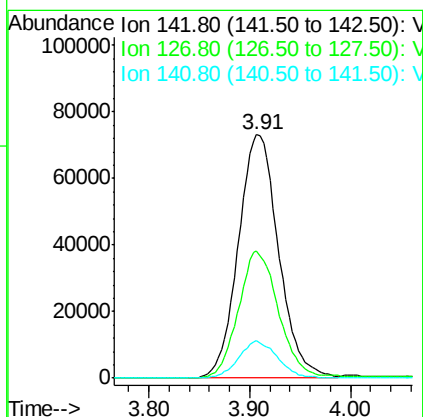
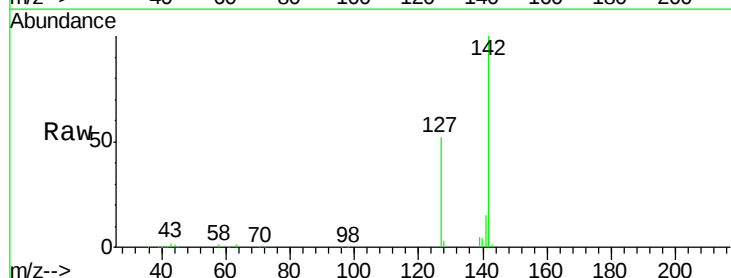
RT: 3.91 min Scan# 674

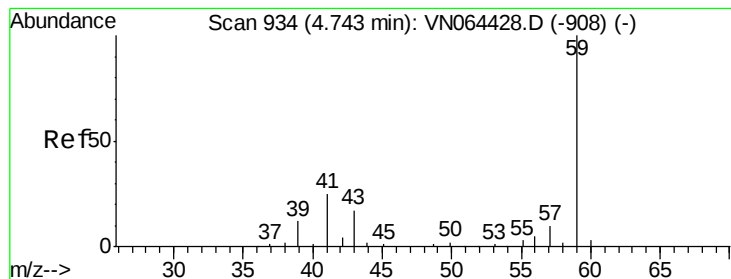
Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion:	142	Resp:	202369
Ion Ratio	Lower	Upper	
142	100		
127	51.8	41.8	62.8
141	14.9	11.4	17.2





#11

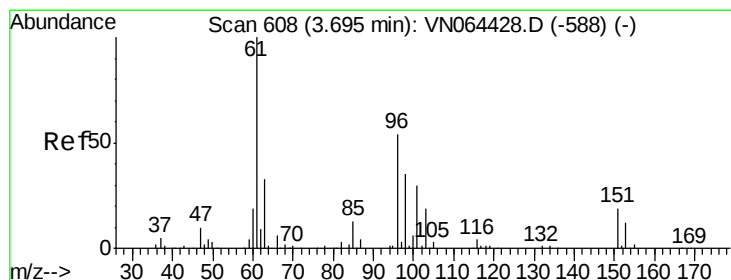
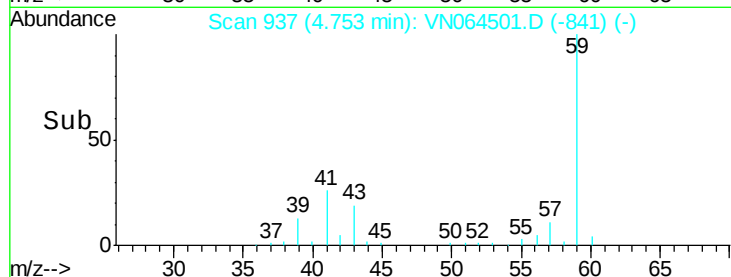
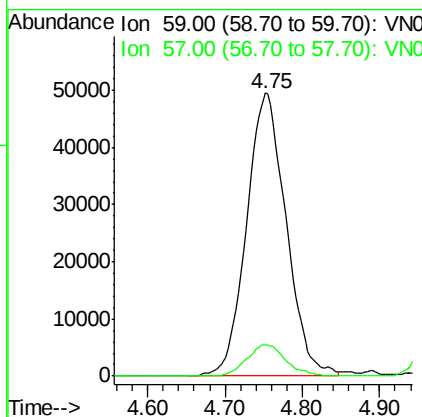
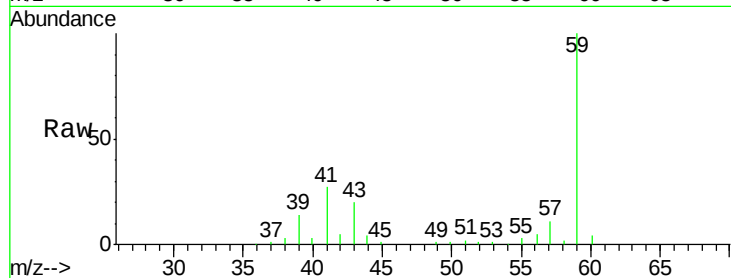
Tert butyl alcohol
Concen: 296.659 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.9	Resp	176380	Lower	9.0	Upper	13.4
Ion	59	57	Ratio	100	10.9	Resp	176380	Lower	9.0	Upper	13.4

Manual Integrations
APPROVED

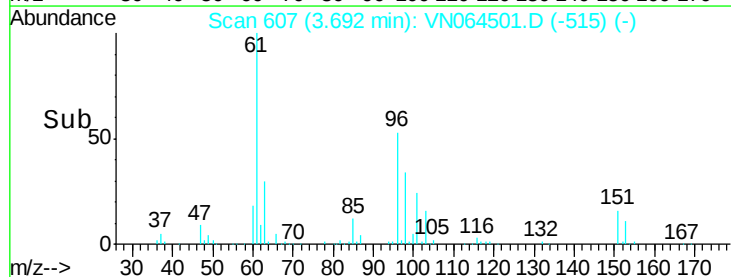
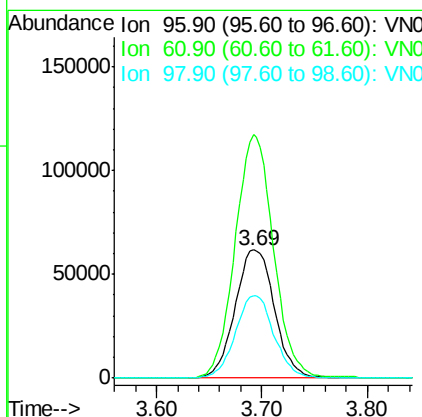
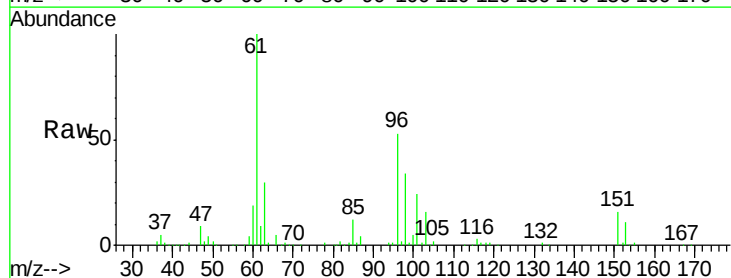
MMDadoda
11/9/2020 9:56:15 AM

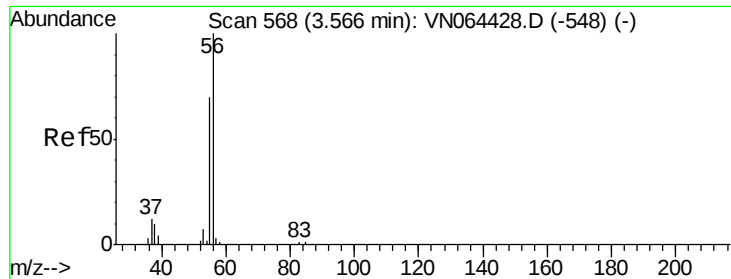


#12

1,1-Dichloroethene
Concen: 48.525 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	96	61	98	Ratio	100	189.8	64.6	Resp	160630	Lower	149.5	52.4	Upper	224.3	78.6
Ion	96 <td>61 <td>98</td> <td>Ratio</td> <td>100</td> <td>189.8</td> <td>64.6</td> <td>Resp</td> <td>160630</td> <td>Lower</td> <td>149.5</td> <td>52.4</td> <td>Upper</td> <td>224.3</td> <td>78.6</td> </td>	61 <td>98</td> <td>Ratio</td> <td>100</td> <td>189.8</td> <td>64.6</td> <td>Resp</td> <td>160630</td> <td>Lower</td> <td>149.5</td> <td>52.4</td> <td>Upper</td> <td>224.3</td> <td>78.6</td>	98	Ratio	100	189.8	64.6	Resp	160630	Lower	149.5	52.4	Upper	224.3	78.6





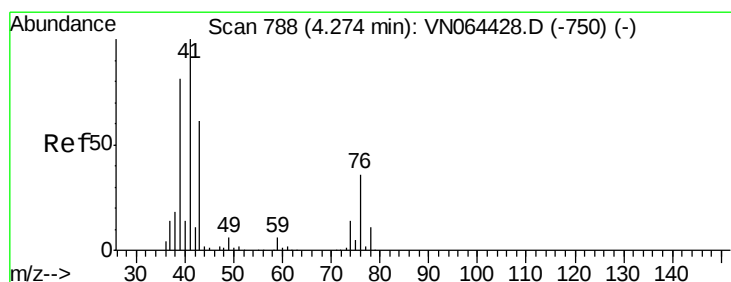
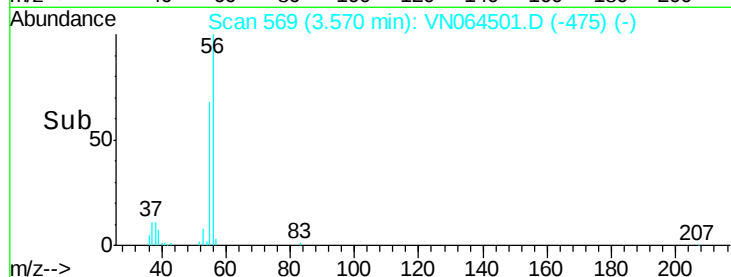
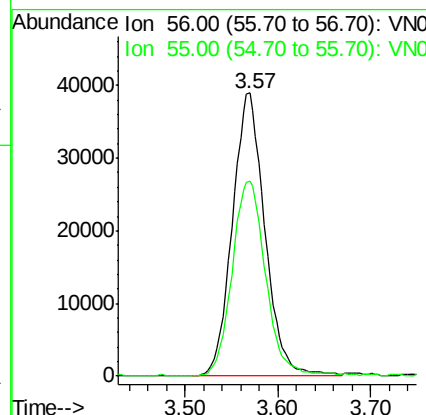
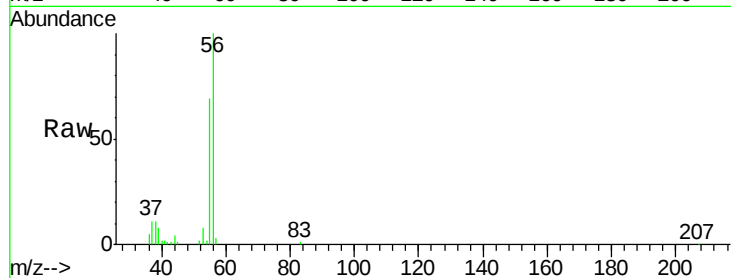
#13
Acrolein
Concen: 256.851 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	94725
Ion Ratio	Lower	Upper	
56	100		
55	70.7	55.9	83.9

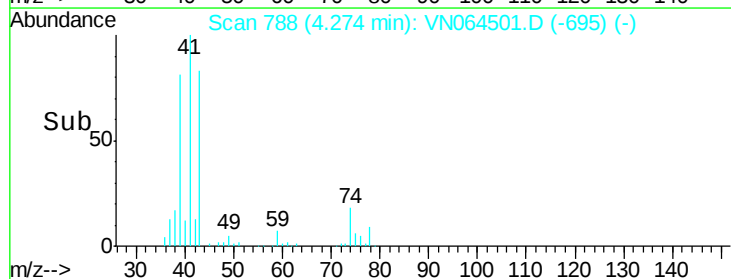
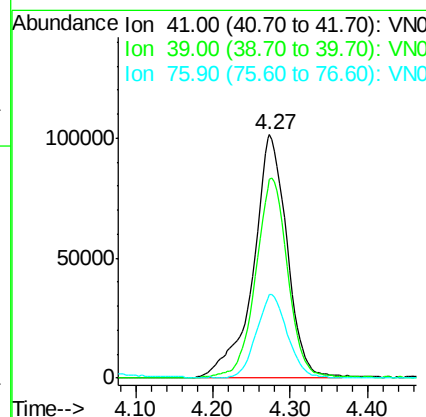
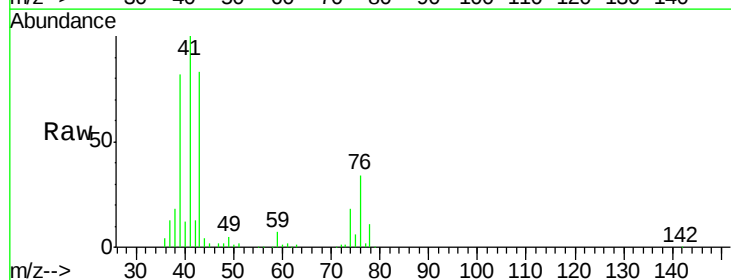
Manual Integrations
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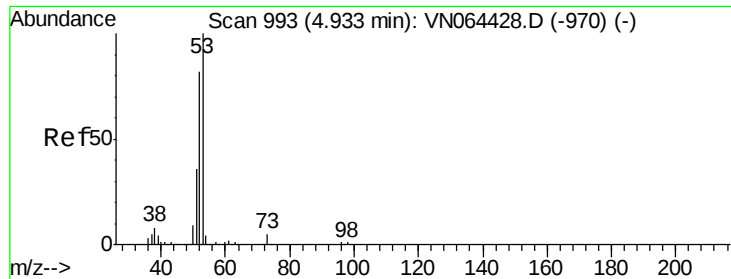
MMDadoda
11/9/2020 9:56:15 AM



#14
Allyl chloride
Concen: 47.599 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	41	Resp	308229
Ion Ratio	Lower	Upper	
41	100		
39	78.7	61.8	92.8
76	31.2	25.4	38.0





#15

Acrylonitrile

Concen: 297.589 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

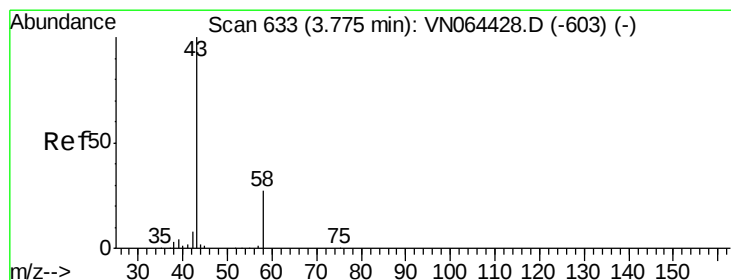
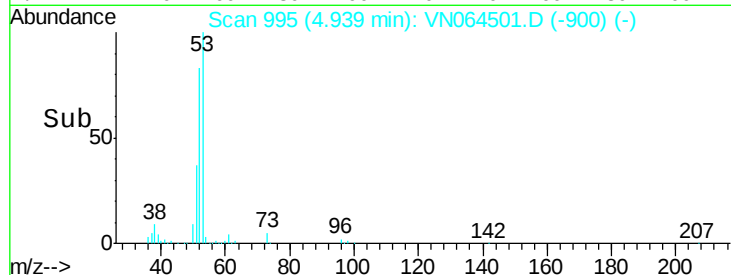
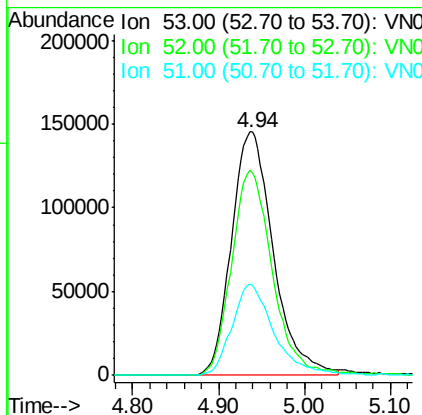
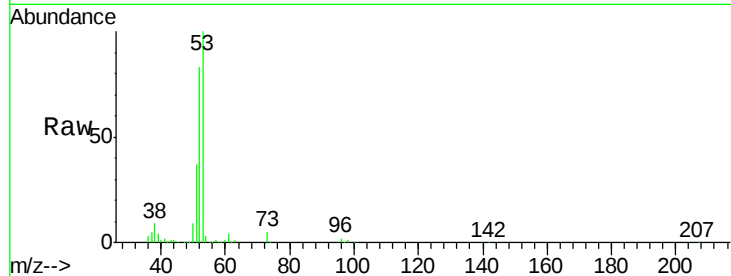
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	492600
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.6	98.4
51	37.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 231.822 ug/l

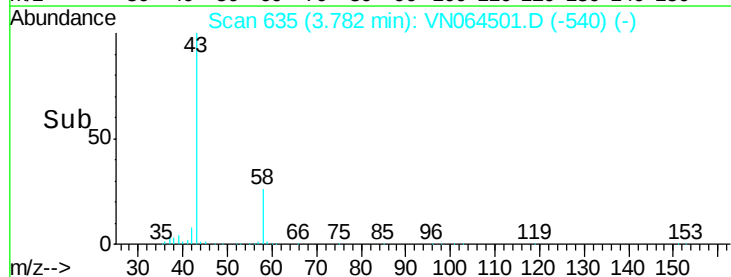
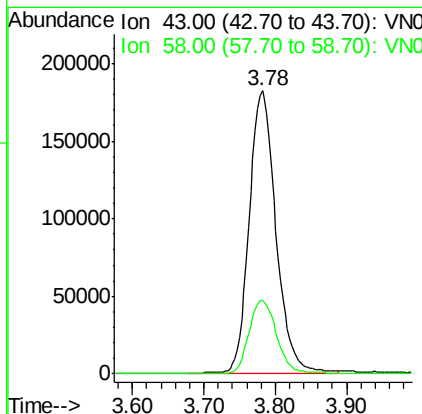
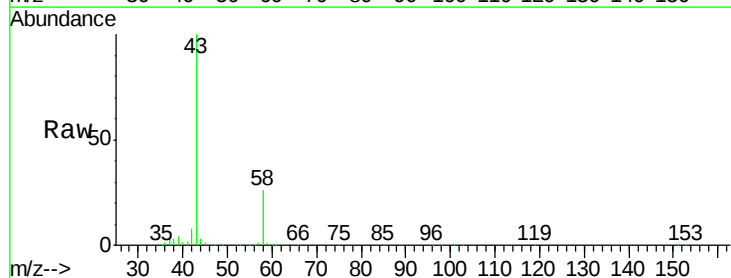
RT: 3.78 min Scan# 635

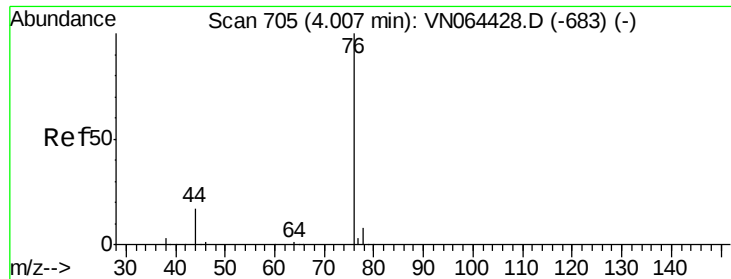
Delta R.T. 0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion:	43	Resp:	476084
Ion Ratio	Lower	Upper	
43	100		
58	26.1	21.4	32.0





#17

Carbon Disulfide

Concen: 47.460 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 469815

Ion Ratio Lower Upper

76 100

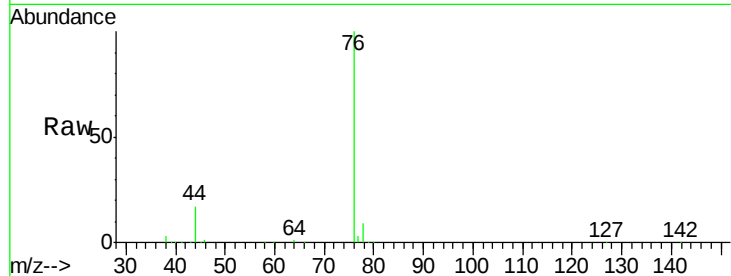
78 9.3 6.8 10.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

200000

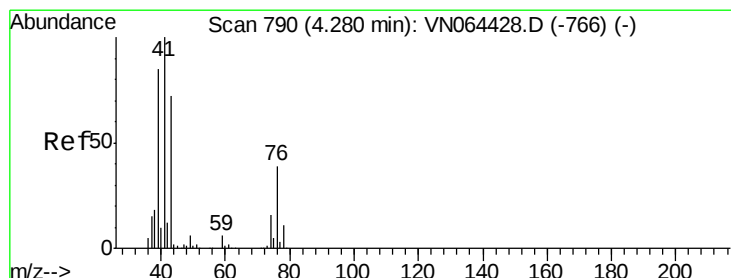
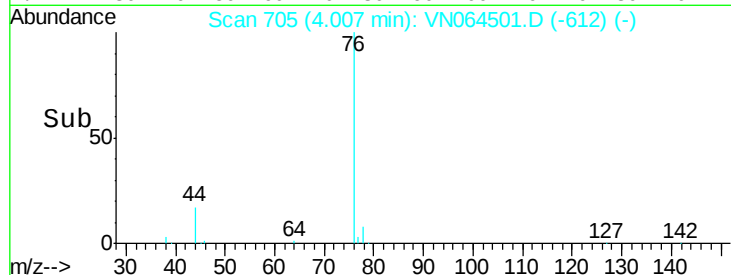
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 69.957 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064501.D

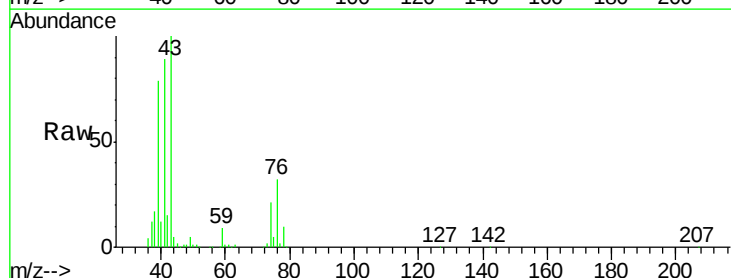
Acq: 6 Nov 2020 22:30

Tgt Ion: 43 Resp: 282447

Ion Ratio Lower Upper

43 100

74 21.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

100000

80000

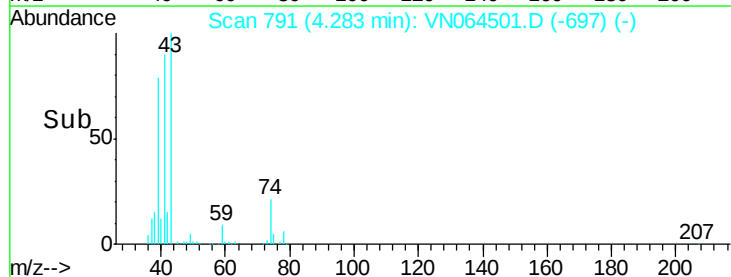
60000

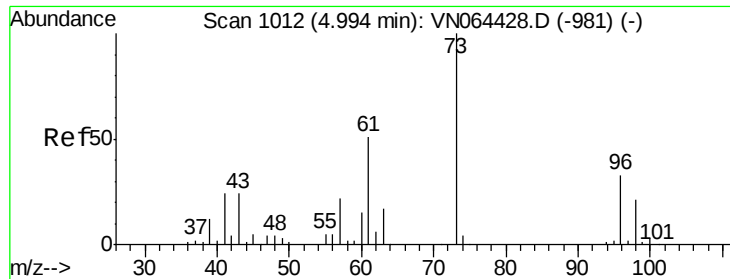
40000

20000

0

Time-->





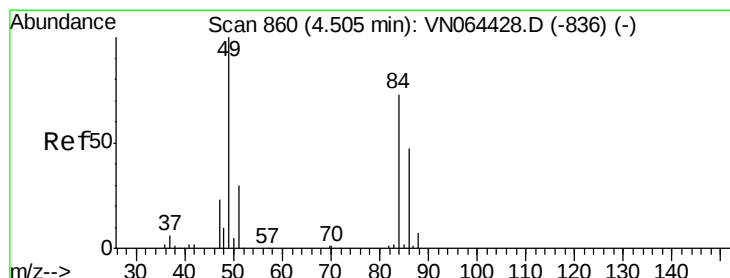
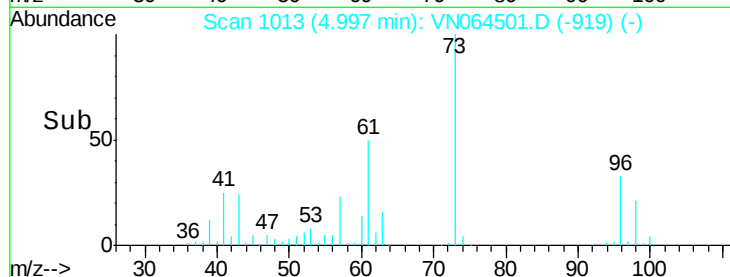
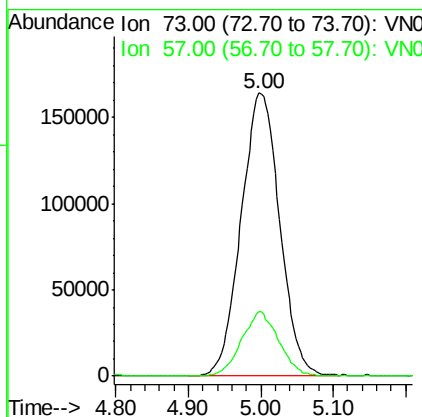
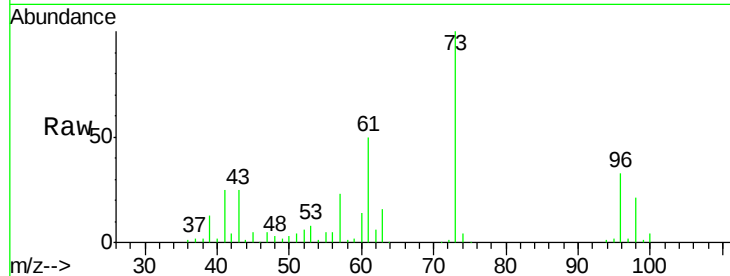
#19
Methvl tert-butvl Ether
Concen: 51.077 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 608518
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

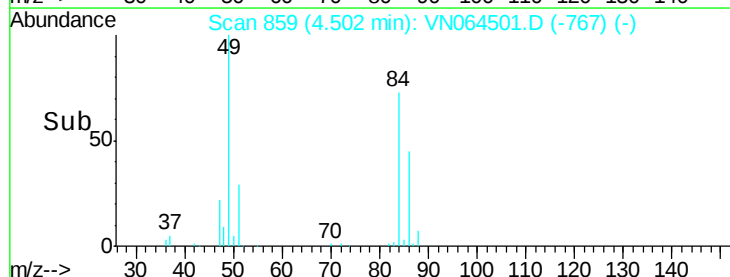
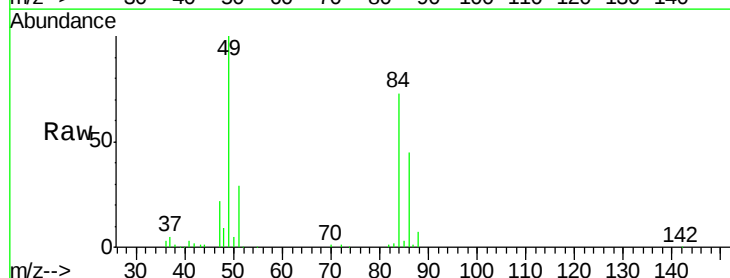
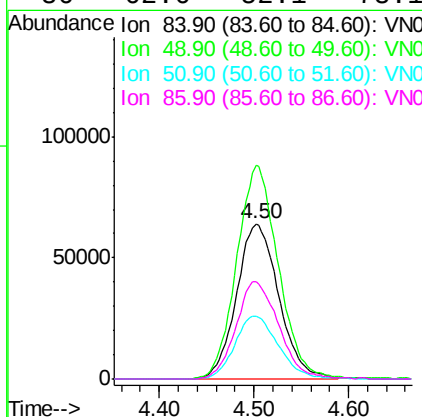
Manual Integrations
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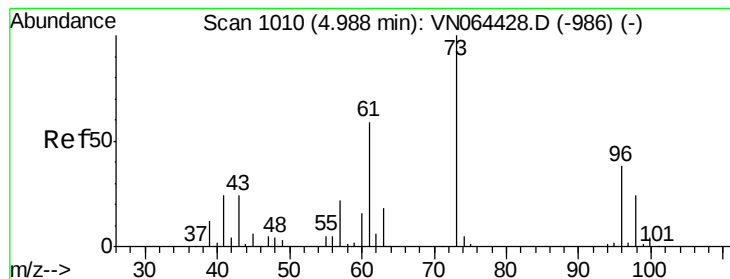
MMDadoda
11/9/2020 9:56:15 AM



#20
Methylene Chloride
Concen: 48.715 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 84 Resp: 198496
Ion Ratio Lower Upper
84 100
49 137.6 110.1 165.1
51 40.1 33.6 50.4
86 62.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.387 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 185620

Ion Ratio Lower Upper

96 100

61 153.6 122.4 183.6

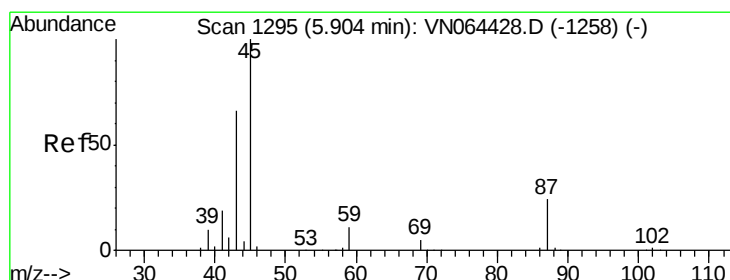
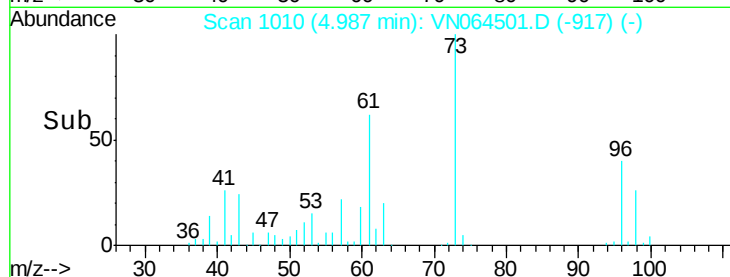
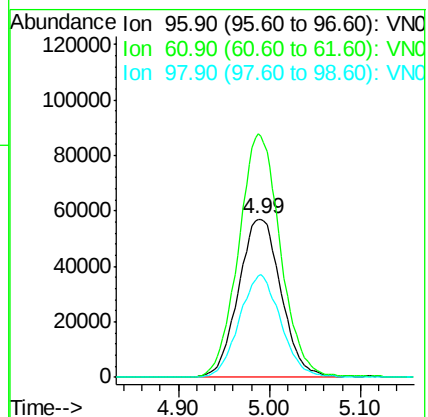
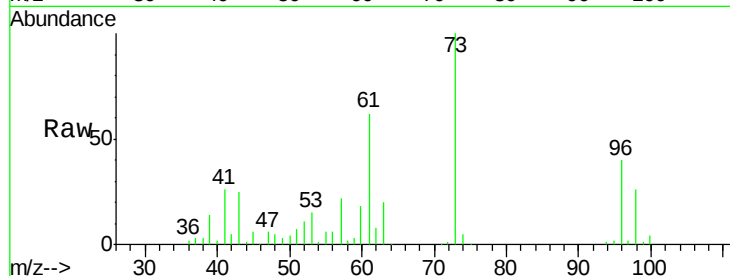
98 63.8 50.4 75.6

Manual Integrations

APPROVED

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11/9/2020 9:56:15 AM



#22

Diisopropyl ether

Concen: 50.318 ug/l

RT: 5.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion: 45 Resp: 691659

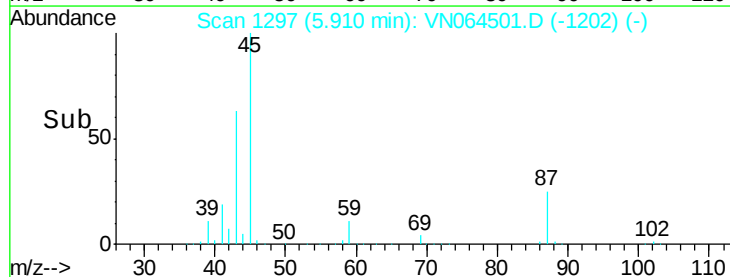
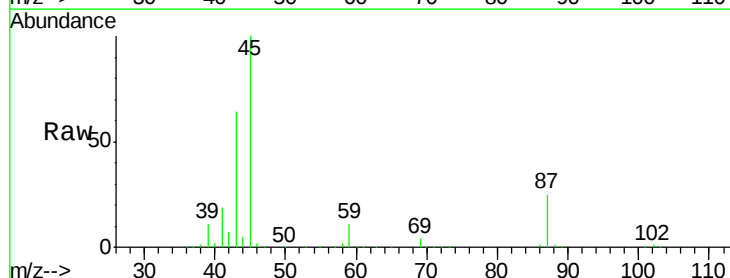
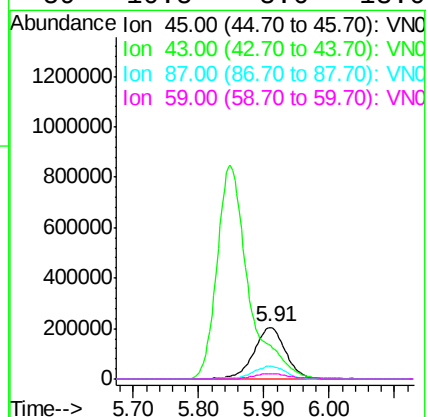
Ion Ratio Lower Upper

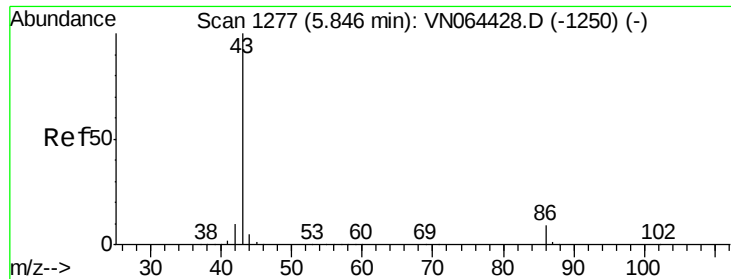
45 100

43 62.5 53.2 79.8

87 24.6 19.9 29.9

59 10.5 8.6 13.0





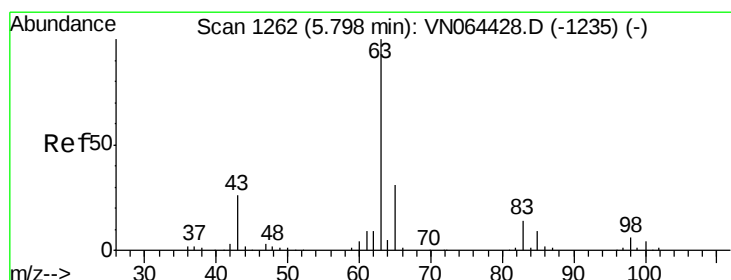
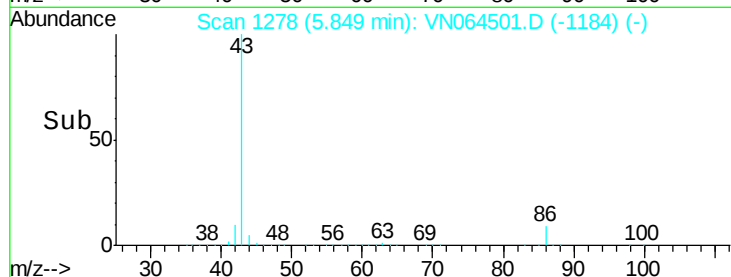
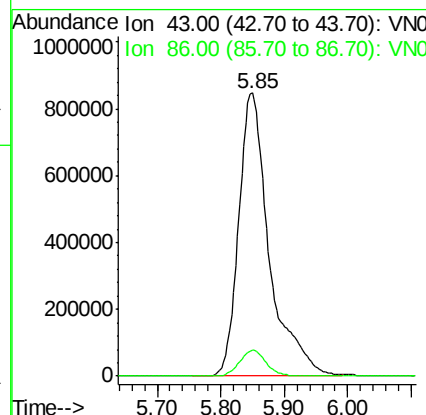
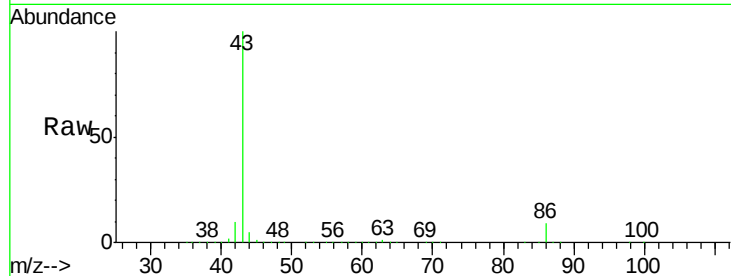
#23
 Vinyl Acetate
 Concen: 253.365 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2833169
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2

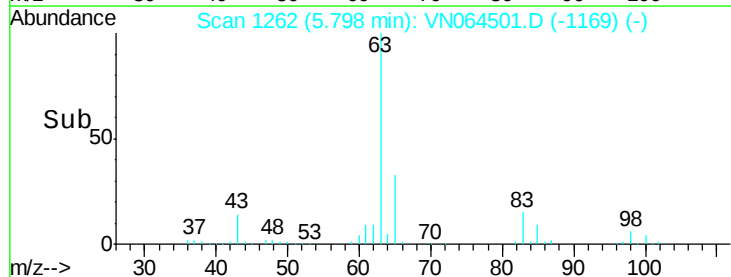
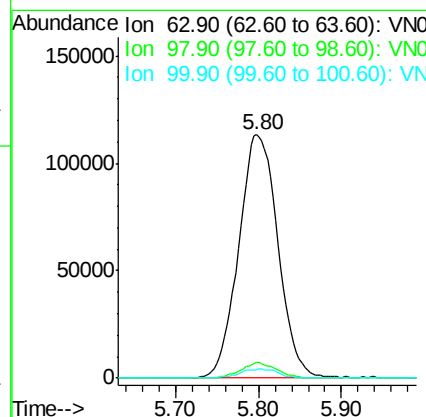
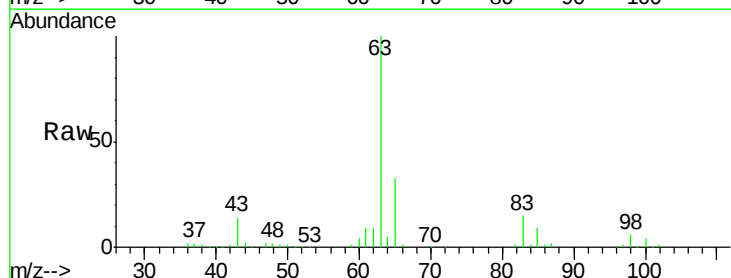
Manual Integrations
 APPROVED

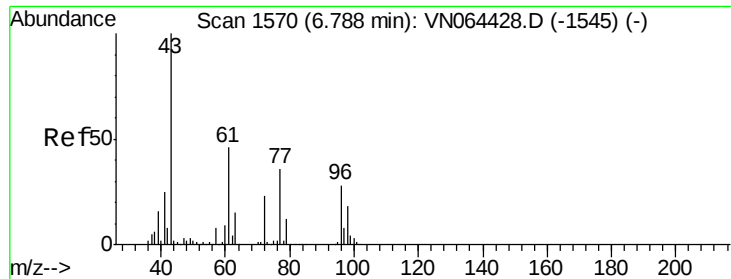
MMDadoda
 11/9/2020 9:56:15 AM



#24
 1,1-Dichloroethane
 Concen: 49.366 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 63 Resp: 372883
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 3.5 1.8 5.3





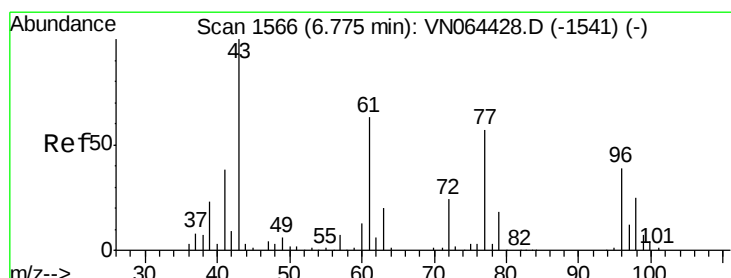
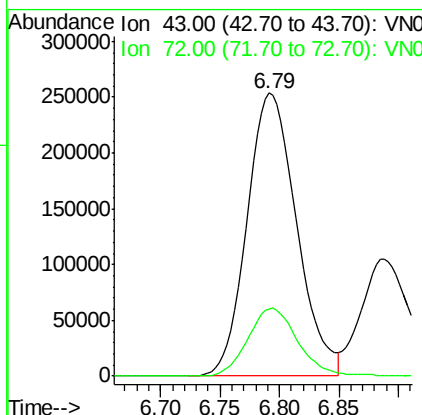
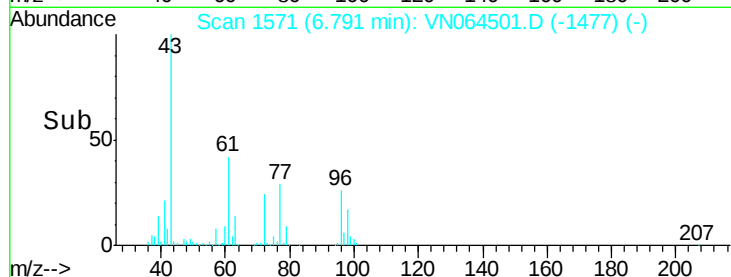
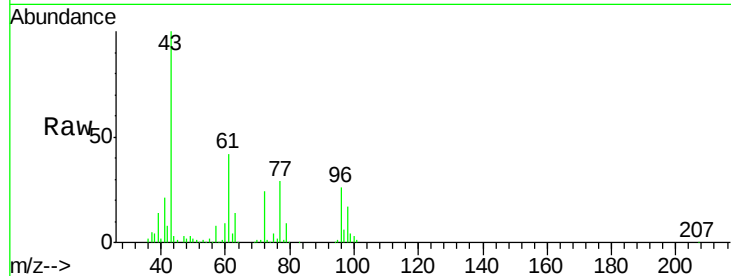
#25
2-Butanone
Concen: 279.121 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 730362
Ion Ratio Lower Upper
43 100
72 23.9 18.5 27.7

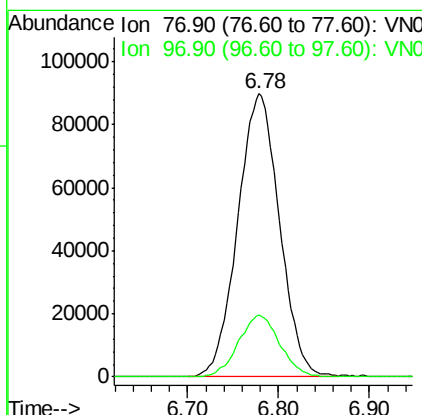
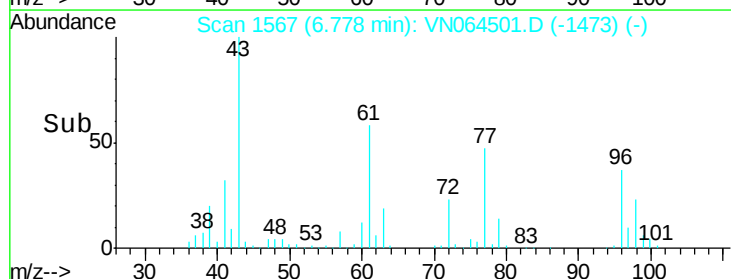
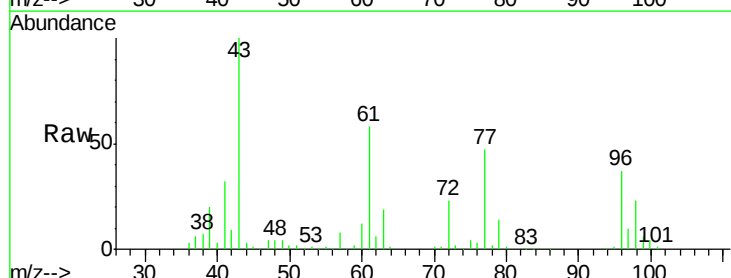
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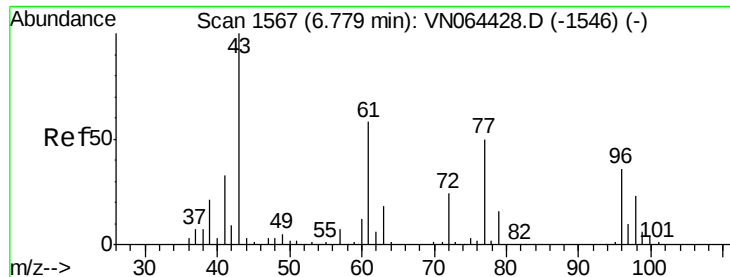
MMDadoda
11/9/2020 9:56:15 AM



#26
2,2-Dichloropropane
Concen: 41.797 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 77 Resp: 285791
Ion Ratio Lower Upper
77 100
97 21.6 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.310 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

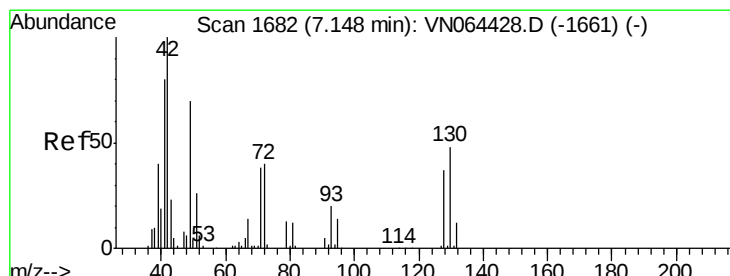
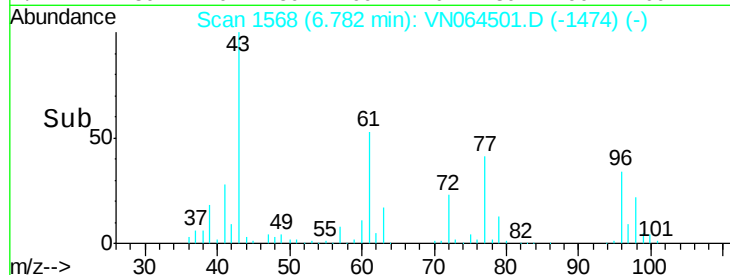
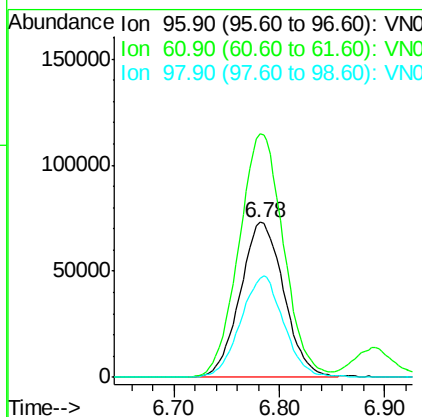
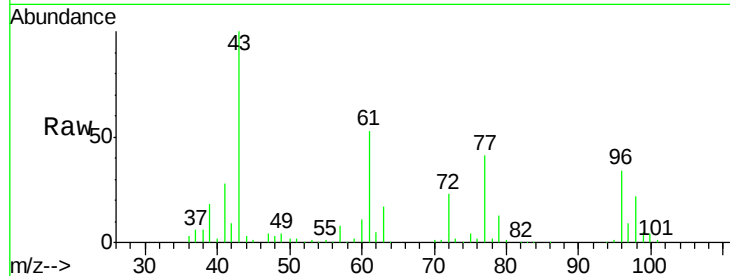
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	210400
Ion	Ratio	Lower	Upper
96	100		
61	160.5	0.0	329.6
98	64.7	0.0	131.2

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#28

Bromochloromethane

Concen: 49.422 ug/l

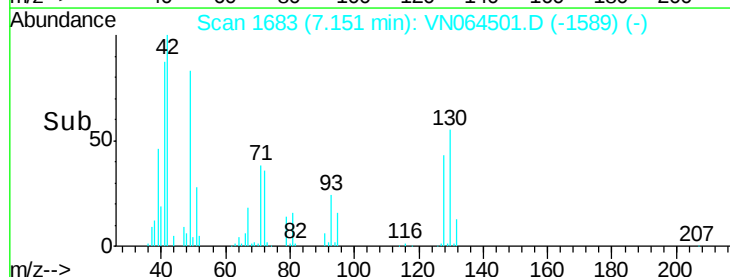
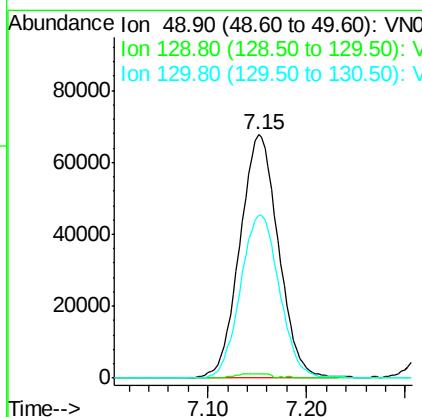
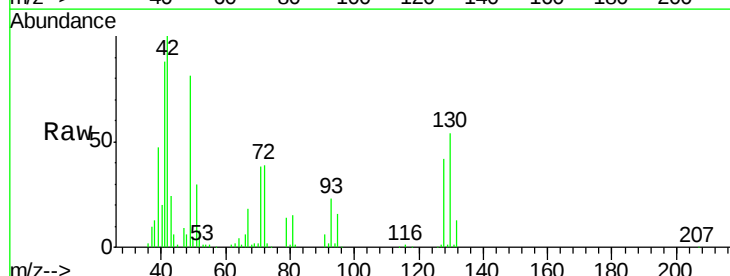
RT: 7.15 min Scan# 1683

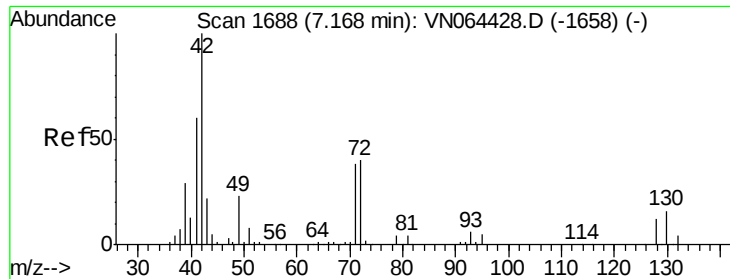
Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion:	49	Resp:	183492
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	67.4	54.2	81.4





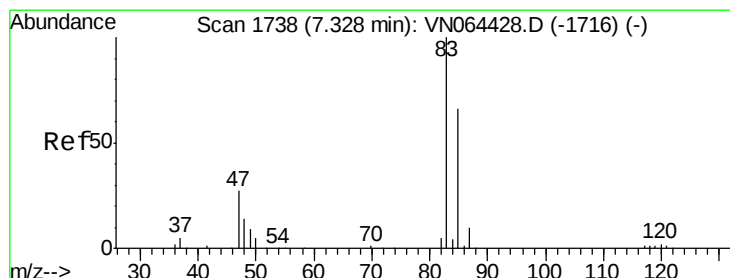
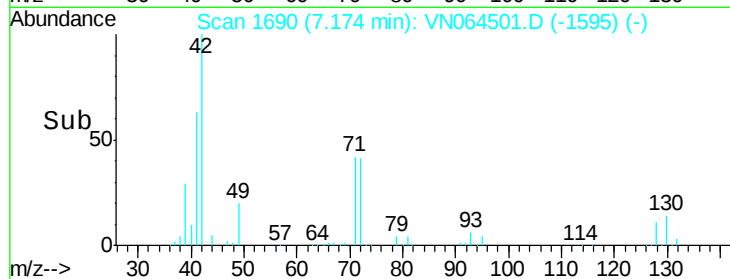
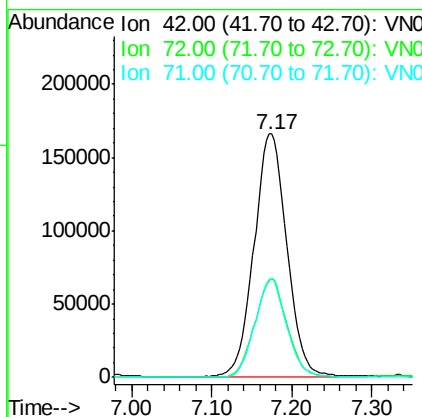
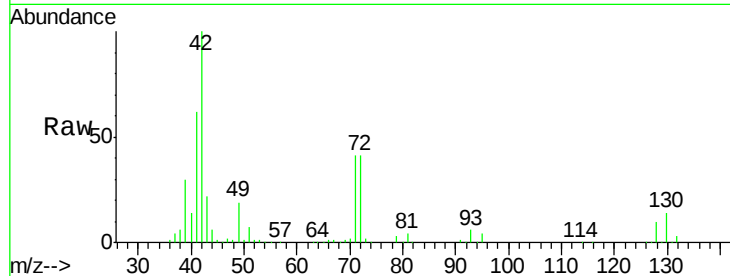
#29
Tetrahydrofuran
Concen: 291.647 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.7	47.5
71	38.9	29.8	44.6

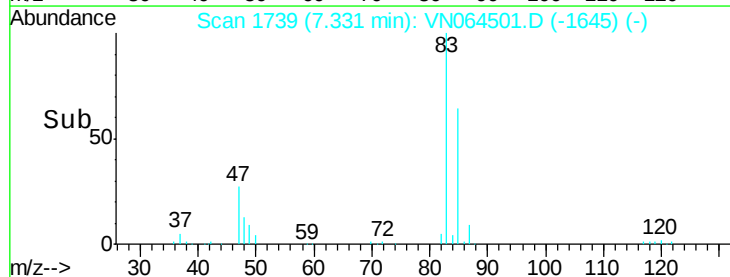
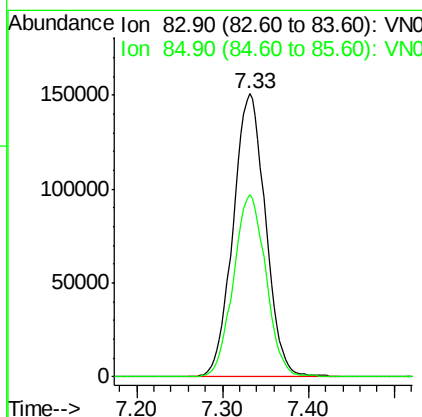
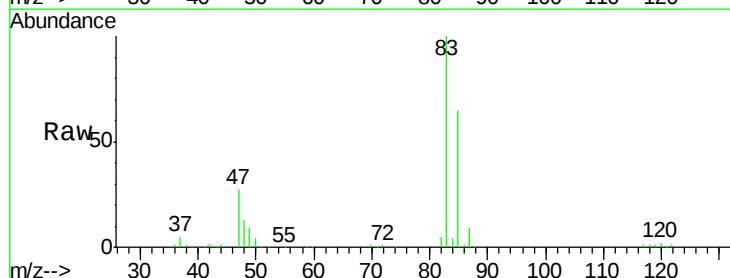
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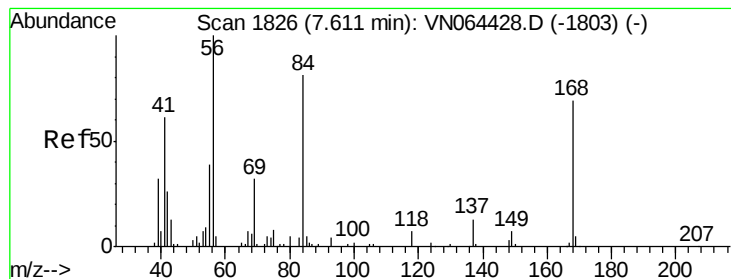
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#30
Chloroform
Concen: 49.736 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7





#31

Cyclohexane

Concen: 44.135 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

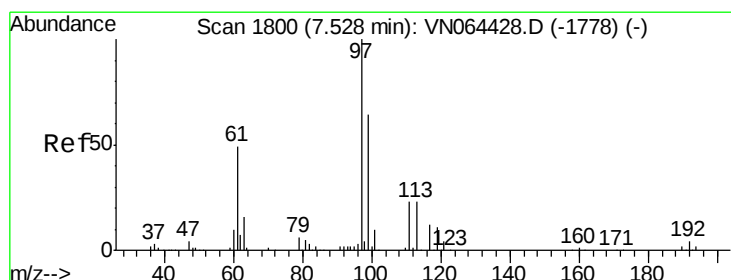
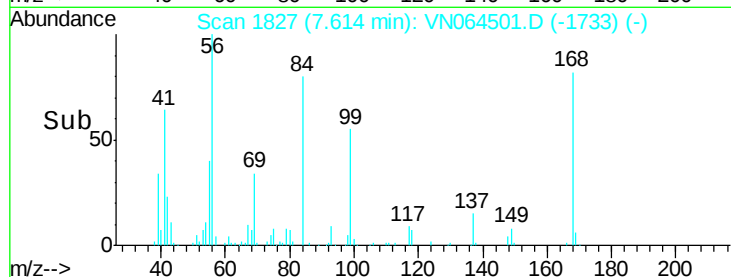
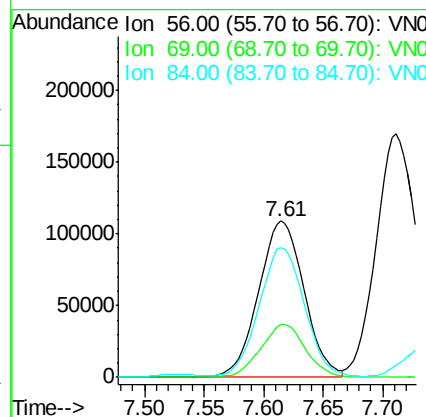
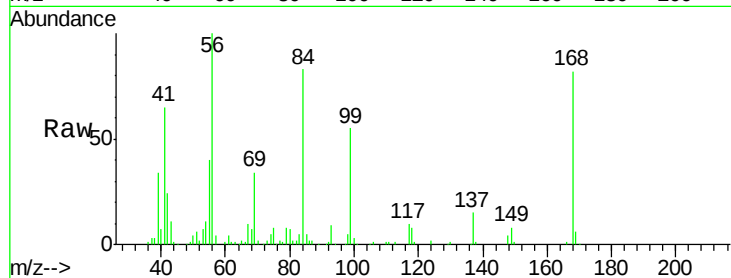
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	289253
Ion Ratio	Lower	Upper	
56	100		
69	34.2	25.6	38.4
84	81.4	63.0	94.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.893 ug/l

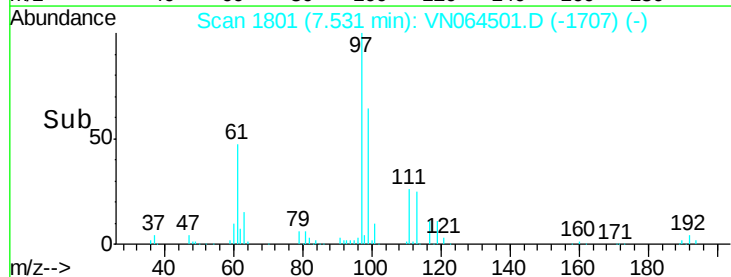
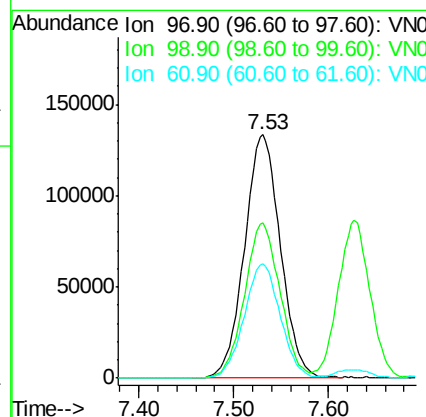
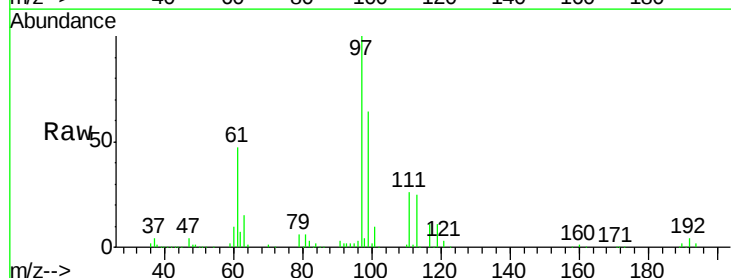
RT: 7.53 min Scan# 1801

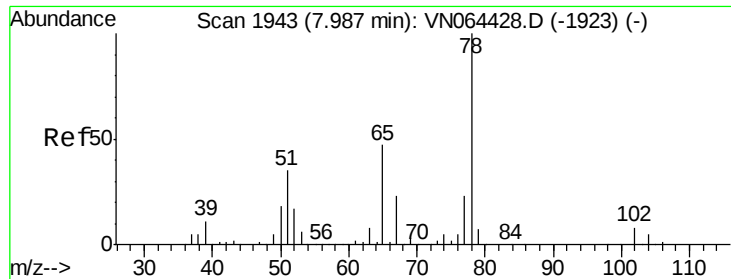
Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion:	97	Resp:	351352
Ion Ratio	Lower	Upper	
97	100		
99	63.2	51.3	76.9
61	47.1	39.1	58.7





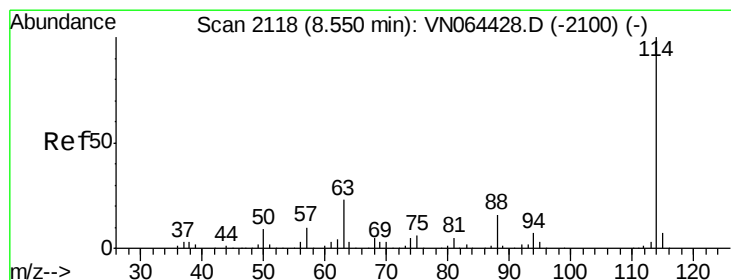
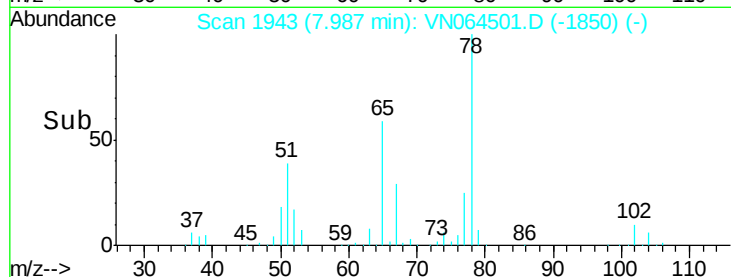
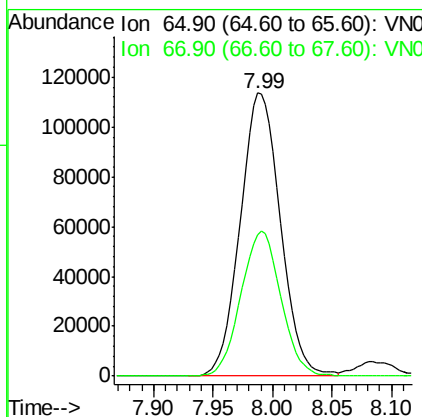
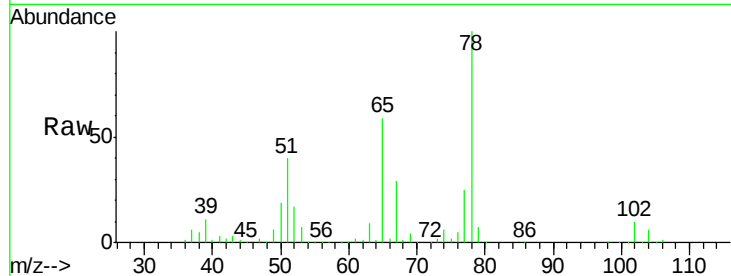
#33
 1,2-Dichloroethane-d4
 Concen: 49.344 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	266032		
67	50.9	0.0	101.6	

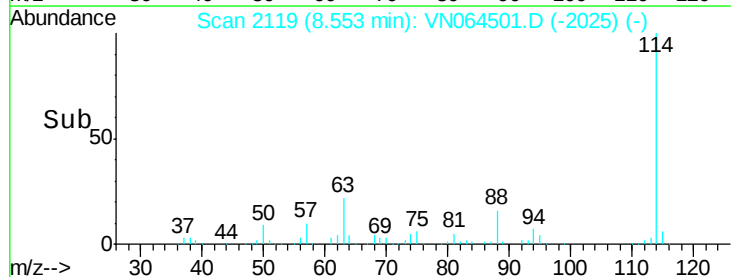
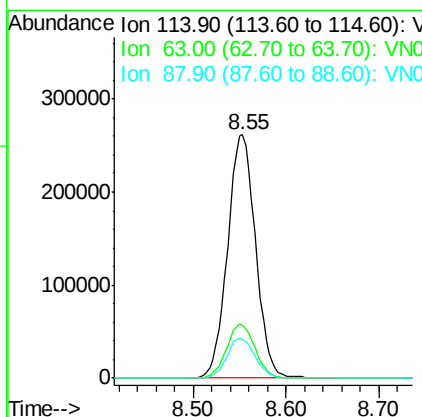
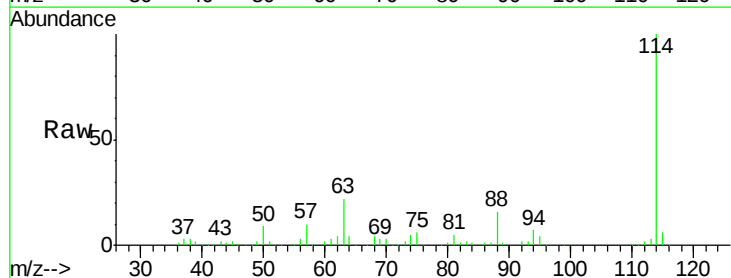
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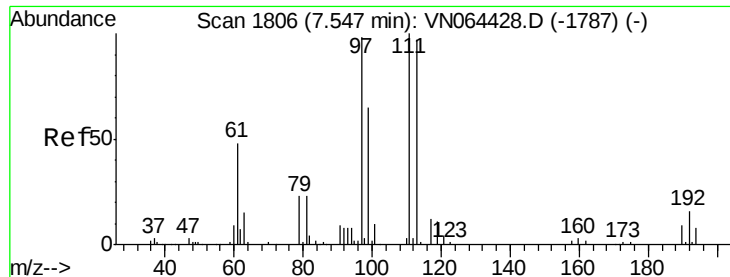
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 11/9/2020 9:56:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	546371		
63	21.7	0.0	45.6	
88	15.9	0.0	32.8	





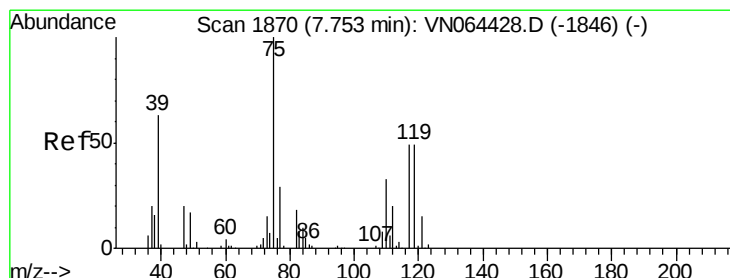
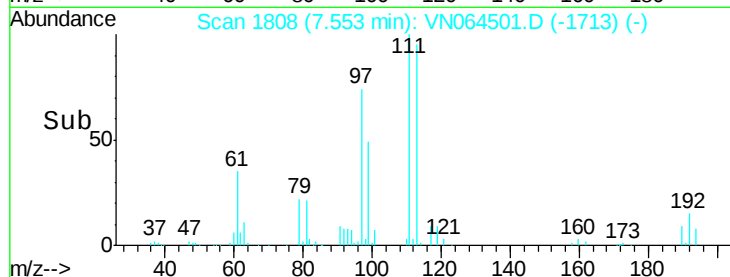
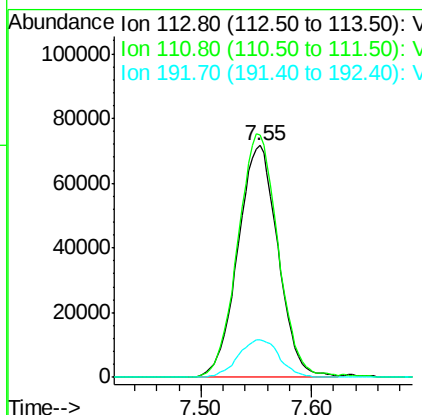
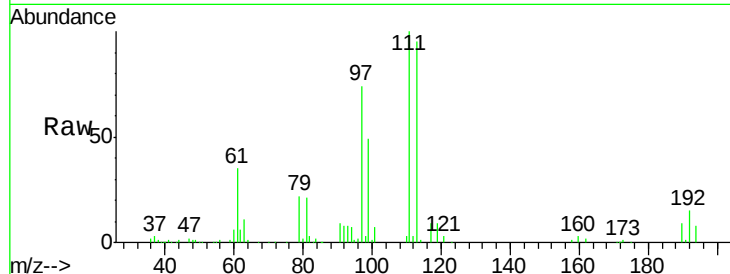
#35
 Dibromofluoromethane
 Concen: 48.666 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.1	121.7
192	16.6	12.8	19.2

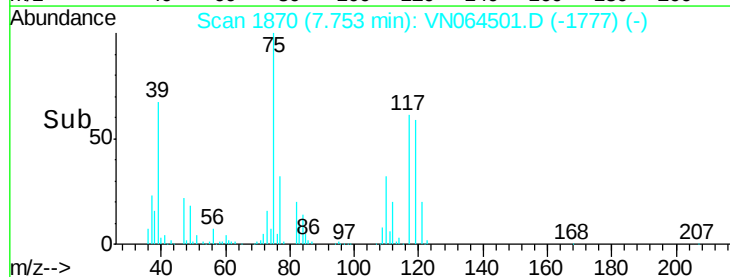
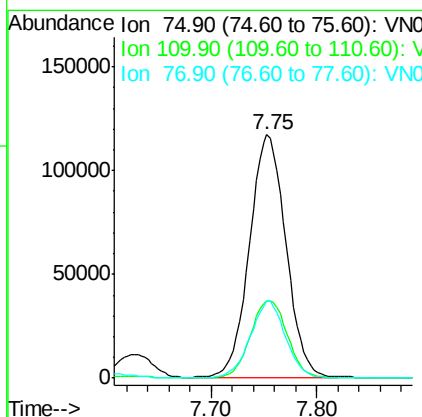
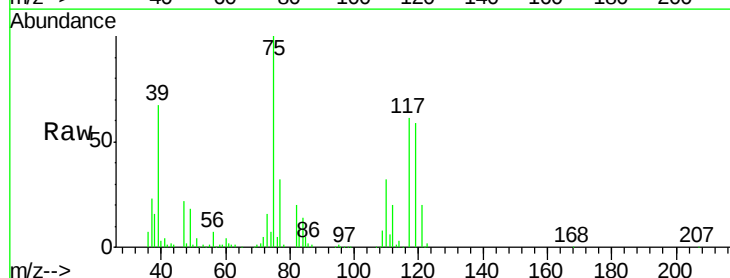
Manual Integrations
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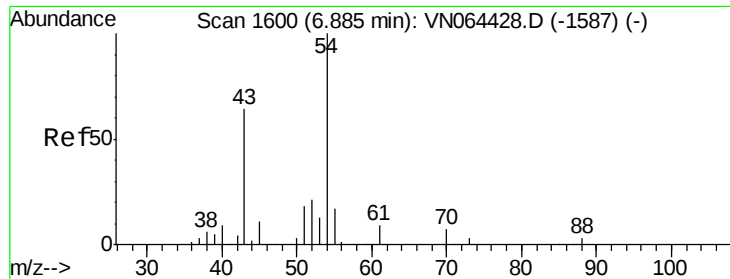
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 11/9/2020 9:56:15 AM



#36
 1,1-Dichloropropene
 Concen: 48.765 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.0	48.0
77	30.8	24.0	36.0





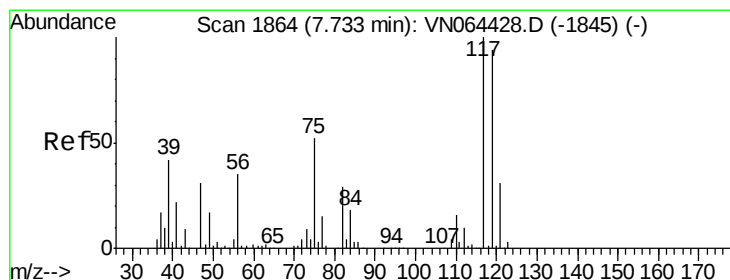
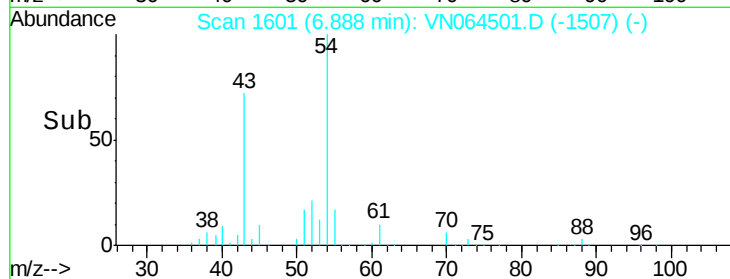
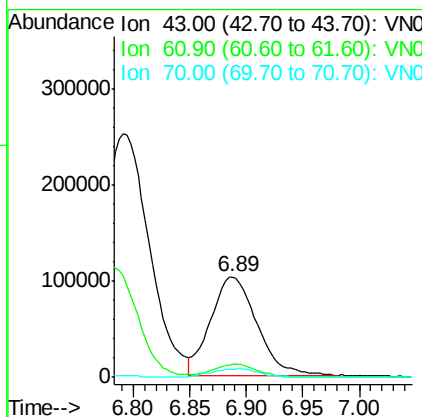
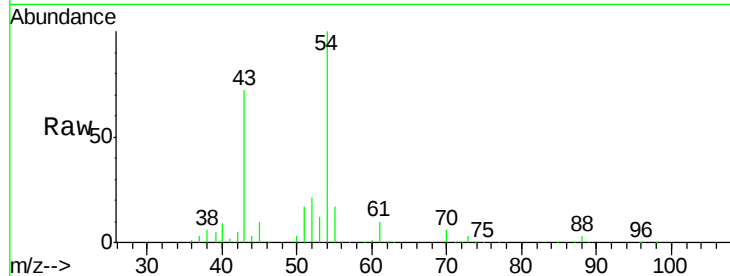
#37
Ethyl Acetate
Concen: 50.138 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Resp	293731		
Ratio	100	12.2	8.5
Lower		10.0	7.1
Upper		15.0	10.7

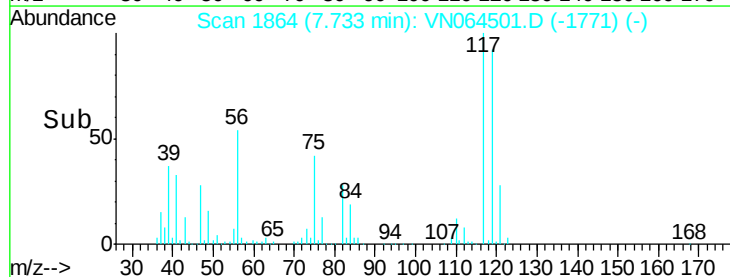
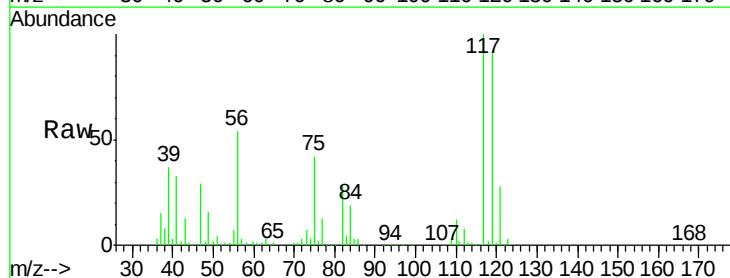
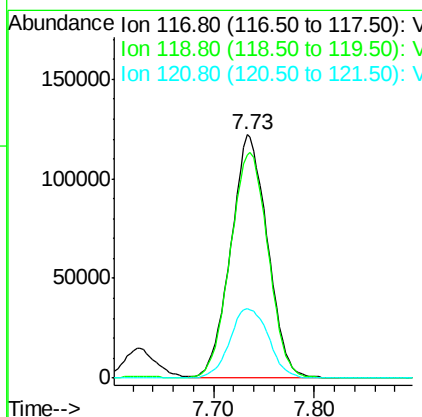
Manual Integrations
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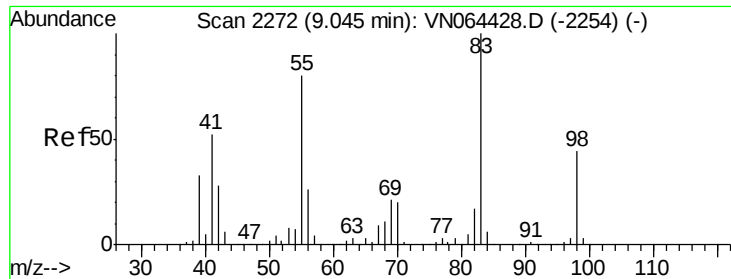
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#38
Carbon Tetrachloride
Concen: 49.902 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	117	119	121
Resp	307840		
Ratio	100	91.6	28.5
Lower		75.5	24.4
Upper		113.3	36.6





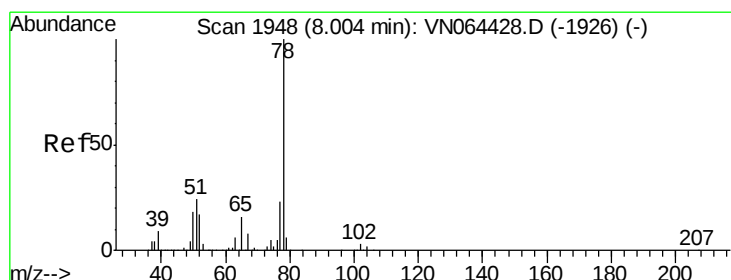
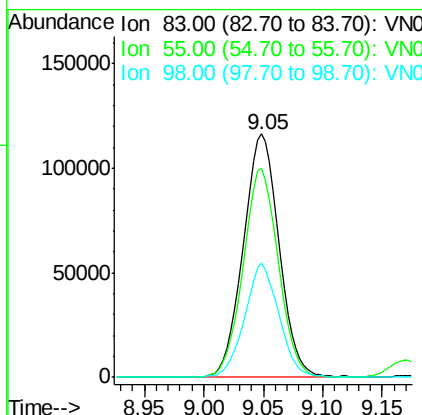
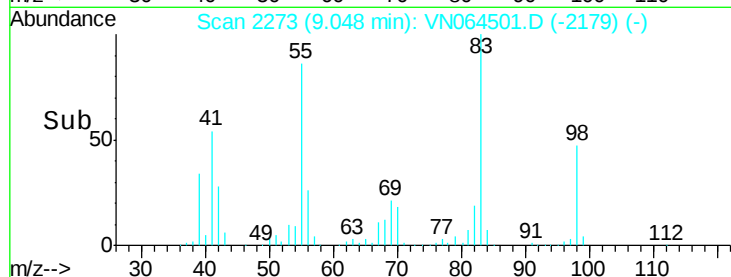
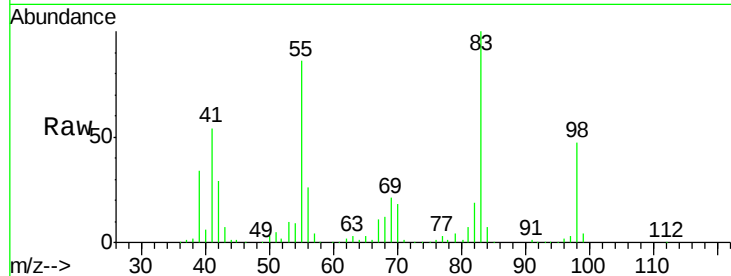
#39
Methvlcvclohexane
Concen: 46.824 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	242280		
55	85.9	63.8	95.6	
98	46.7	35.4	53.2	

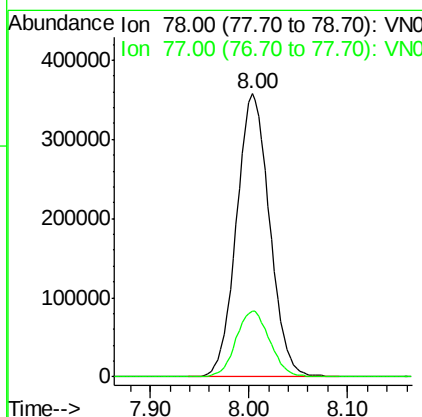
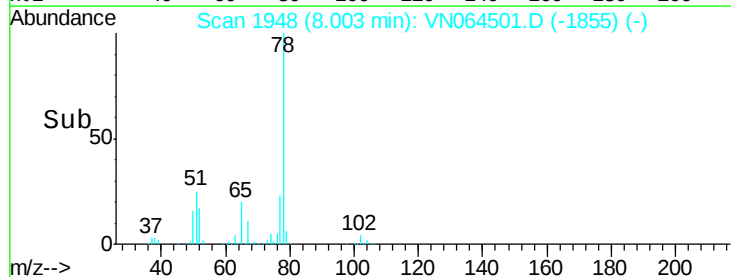
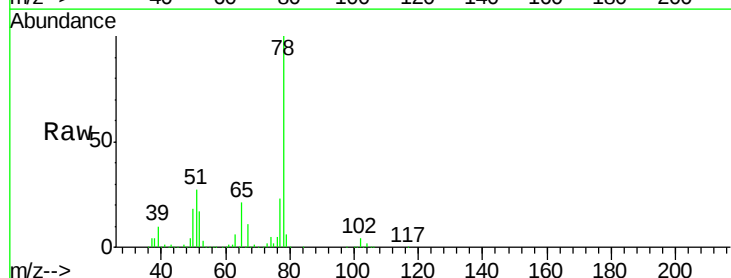
Manual Integrations
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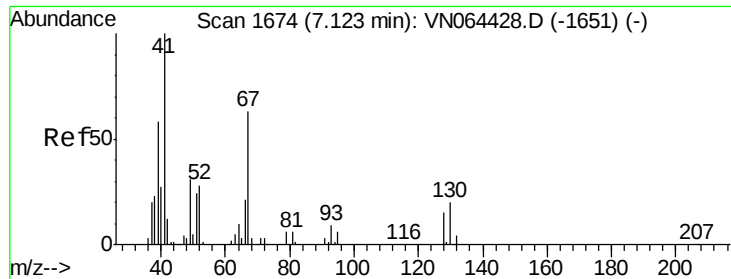
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#40
Benzene
Concen: 49.013 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	831310		
77	23.2	18.7	28.1	





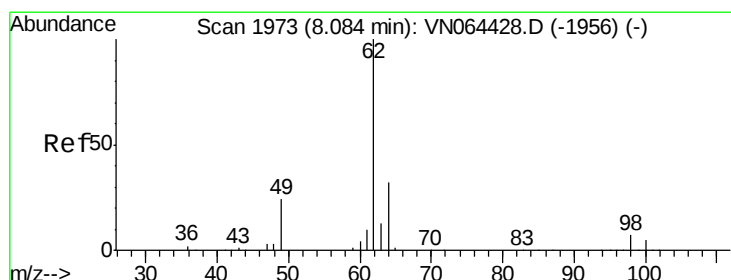
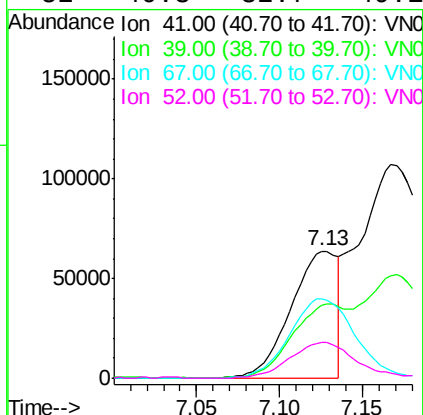
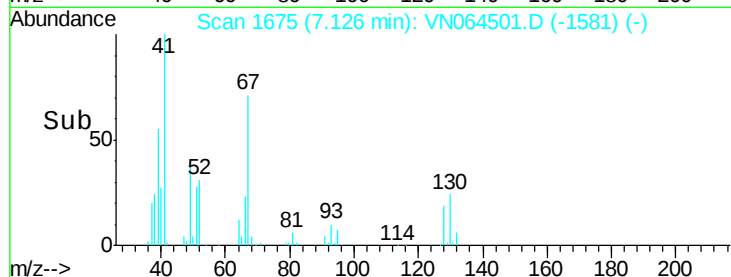
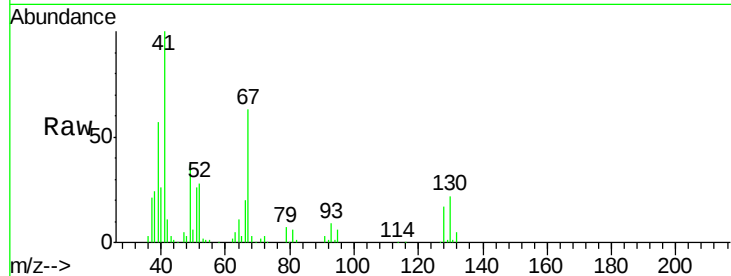
#41
Methacrylonitrile
Concen: 48.719 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.7	50.0	75.0	
67	88.8	68.3	102.5	
52	40.3	32.7	49.1	

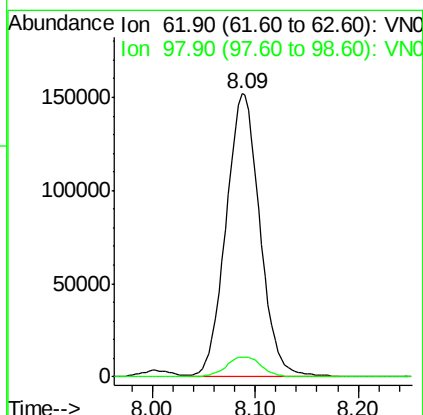
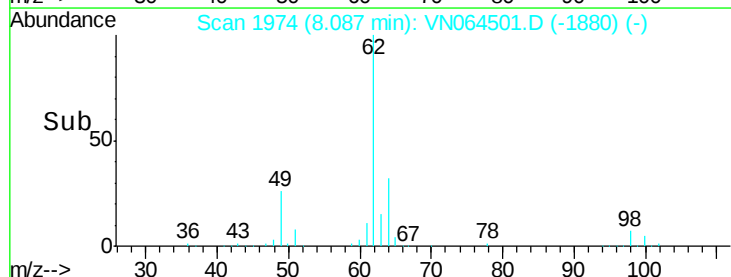
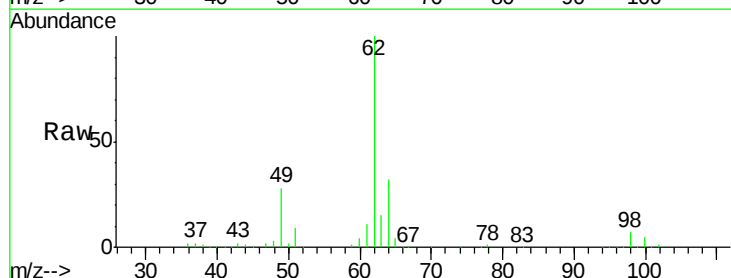
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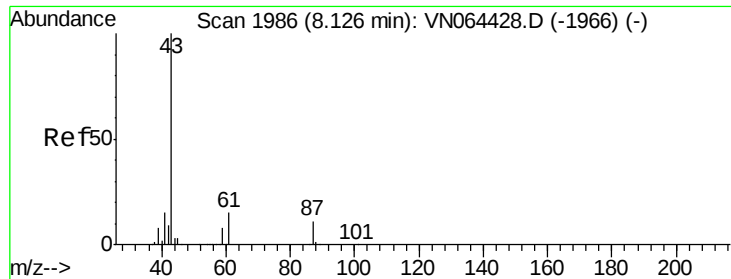
MMDadoda
11/9/2020 9:56:15 AM



#42
1,2-Dichloroethane
Concen: 50.489 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.4	0.0	14.0	





#43

Isopropyl Acetate

Concen: 54.051 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

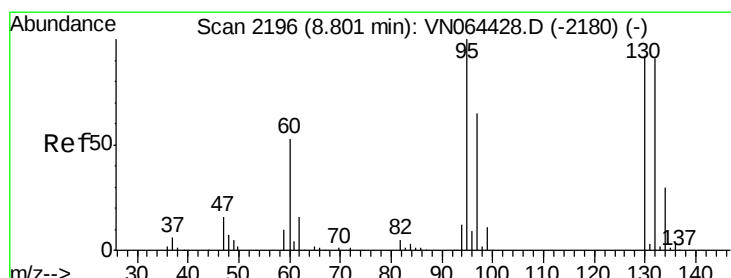
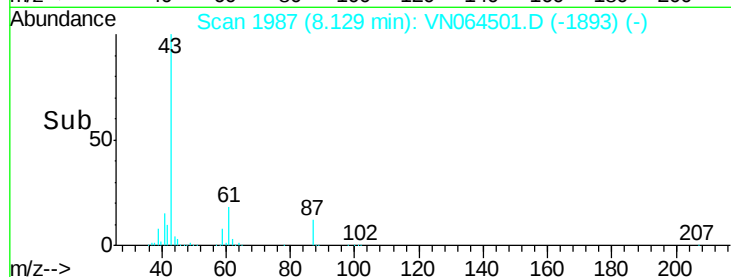
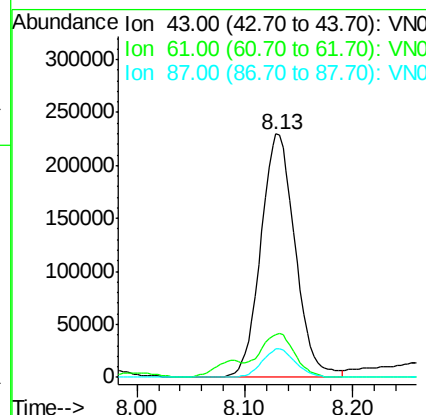
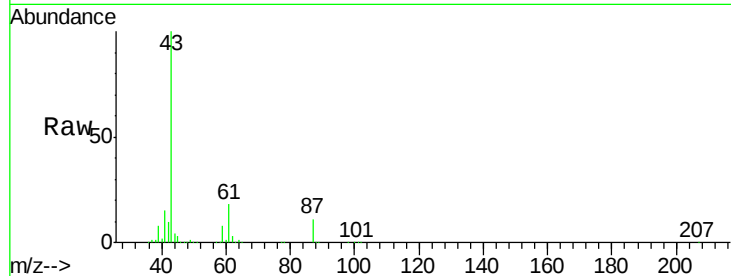
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	505594
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.0	21.0
87	11.4	9.1	13.7

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#44

Trichloroethene

Concen: 47.306 ug/l

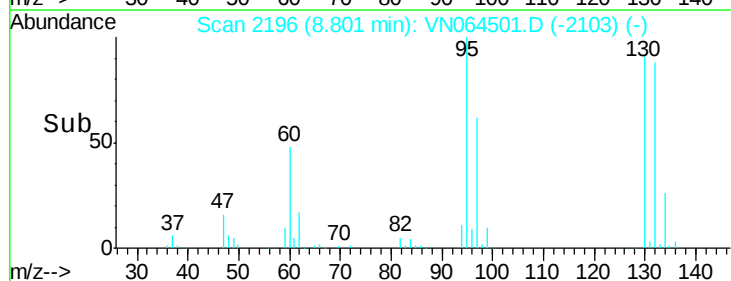
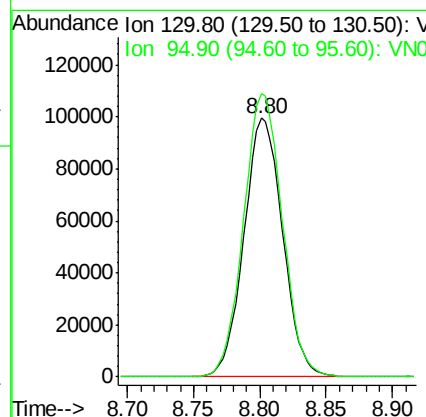
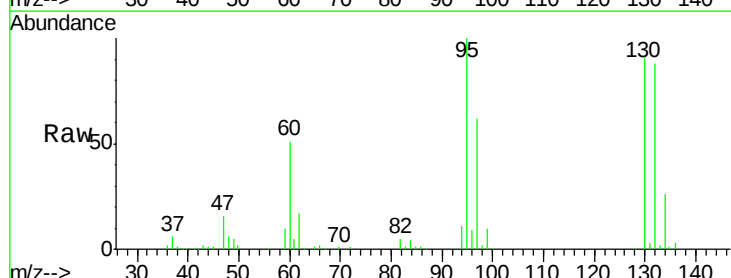
RT: 8.80 min Scan# 2196

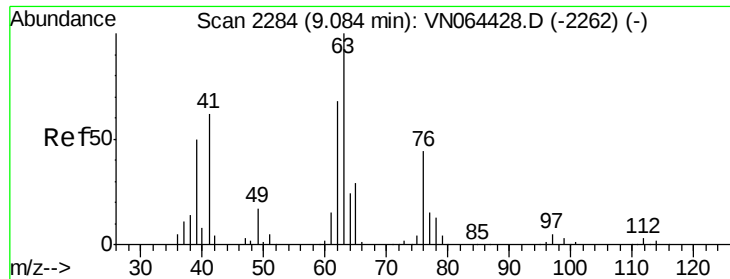
Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion:	130	Resp:	202434
Ion	Ratio	Lower	Upper
130	100		
95	109.5	0.0	216.8





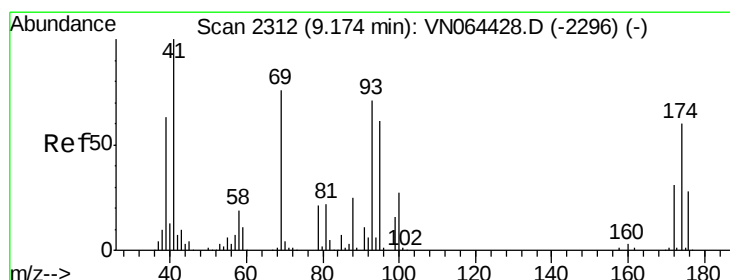
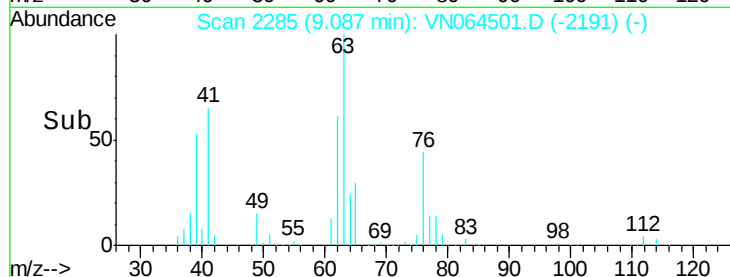
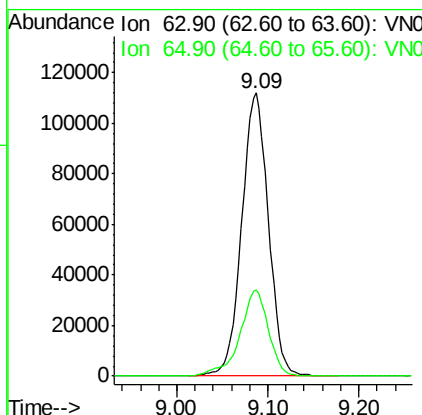
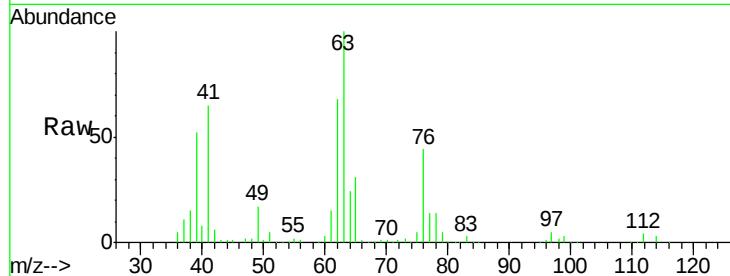
#45
 1,2-Dichloropropane
 Concen: 50.447 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 228303
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.6 35.4

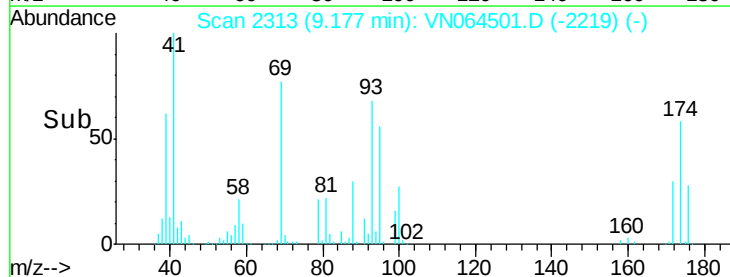
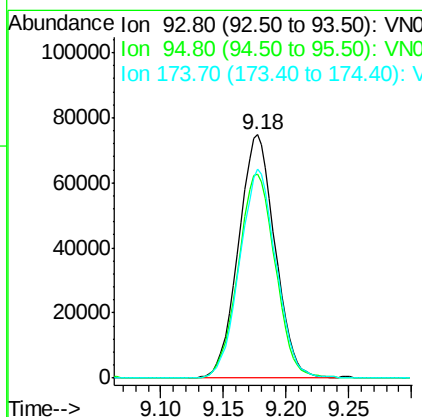
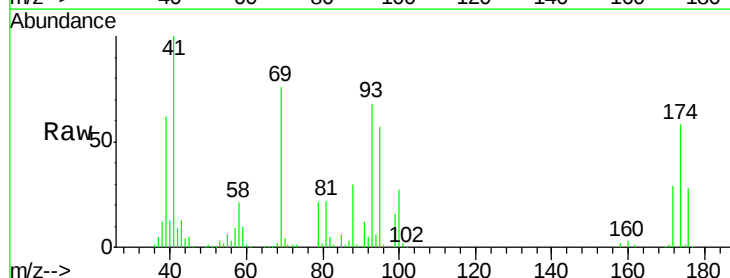
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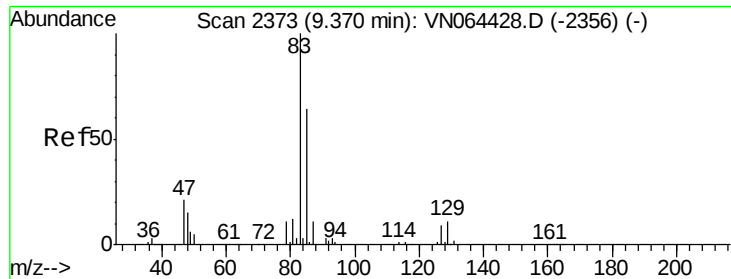
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 11/9/2020 9:56:15 AM



#46
 Dibromomethane
 Concen: 50.852 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 93 Resp: 151498
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 86.0 67.2 100.8





#47

Bromodichloromethane

Concen: 51.130 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

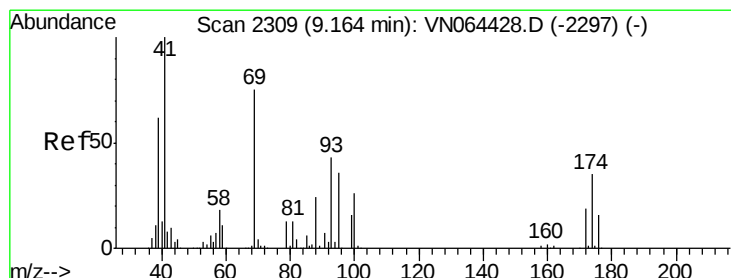
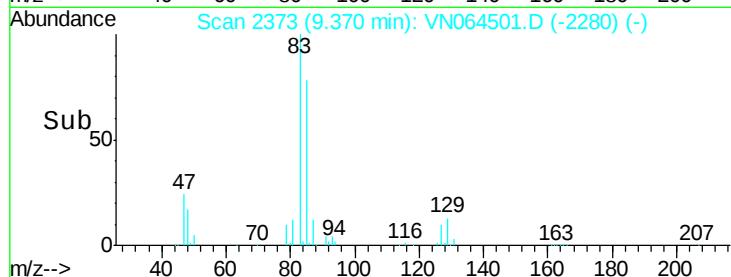
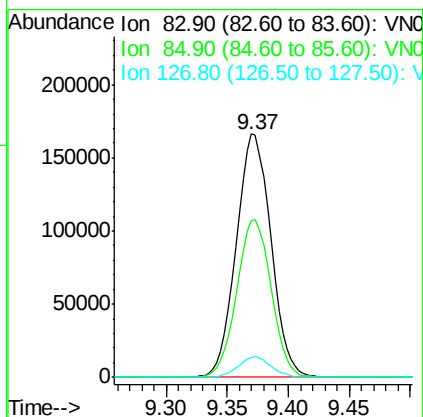
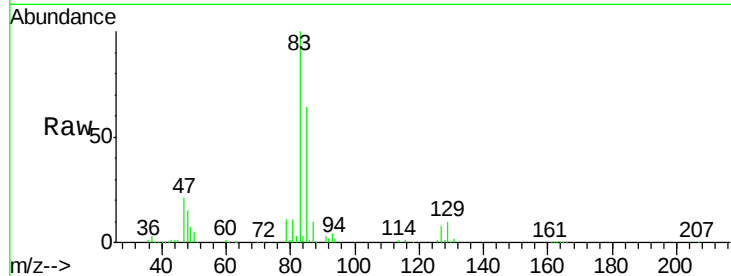
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	327527
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.2	76.8
127	8.3	6.9	10.3

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#48

Methyl methacrylate

Concen: 55.364 ug/l

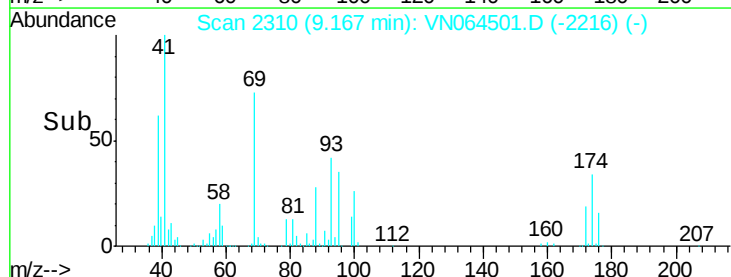
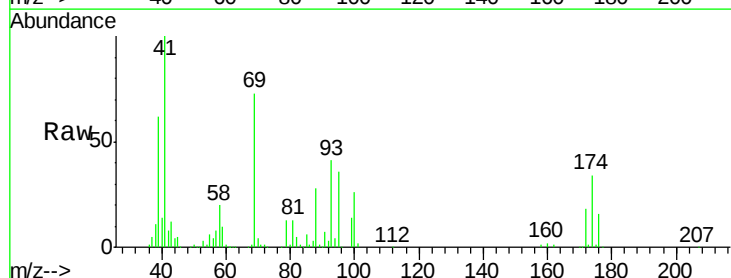
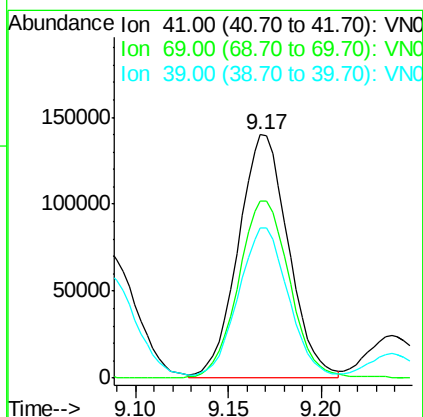
RT: 9.17 min Scan# 2310

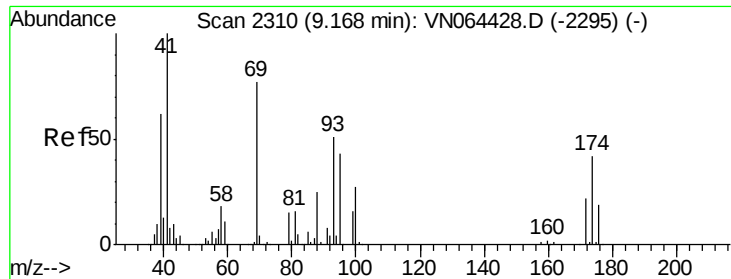
Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion:	41	Resp:	261322
Ion Ratio	Lower	Upper	
41	100		
69	75.3	60.4	90.6
39	62.0	51.2	76.8





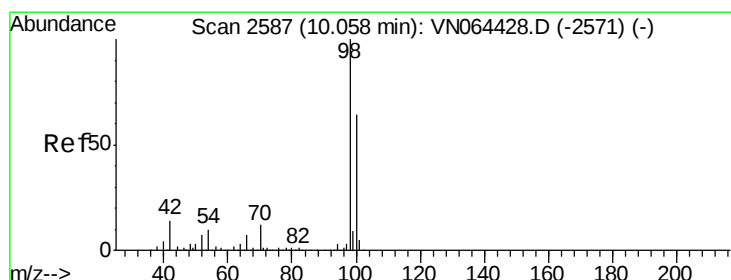
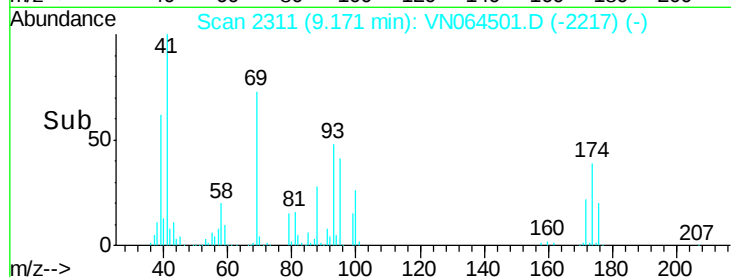
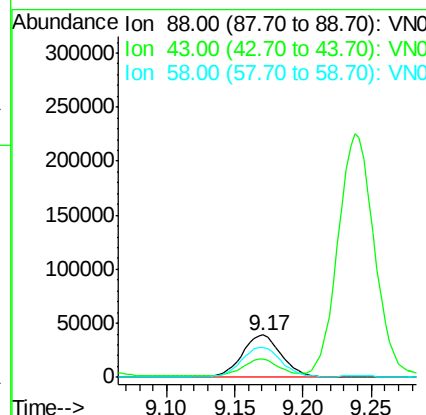
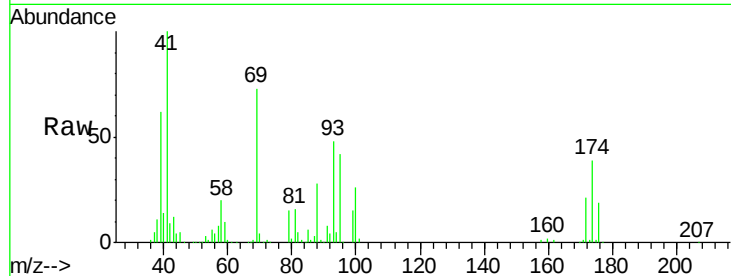
#49
 1,4-Dioxane
 Concen: 1272.170 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	31.0	46.6
58	72.0	58.4	87.6

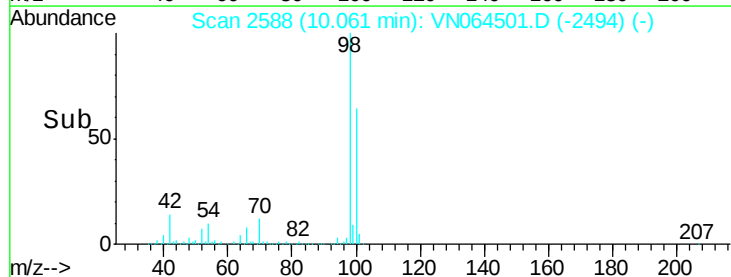
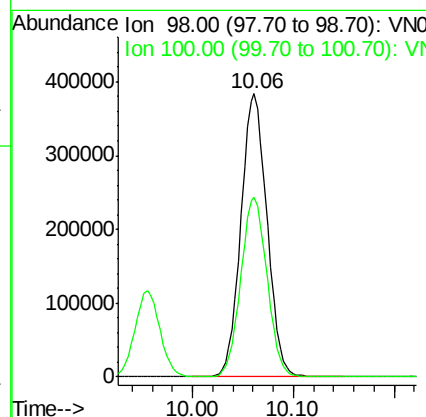
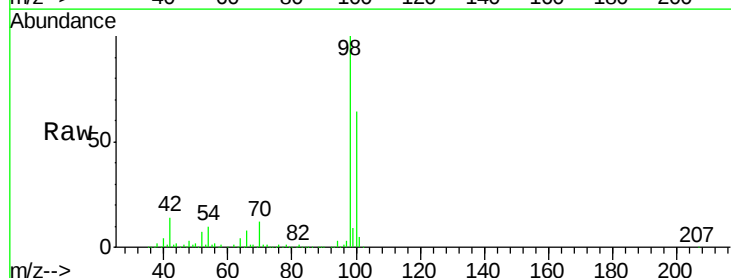
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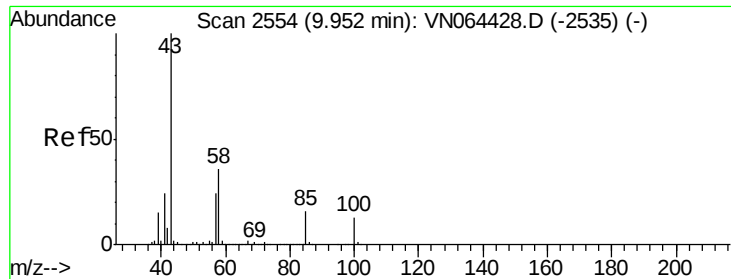
MMDadoda
 11/9/2020 9:56:15 AM



#50
 Toluene-d8
 Concen: 47.849 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 297.926 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1625193

Ion Ratio Lower Upper

43 100

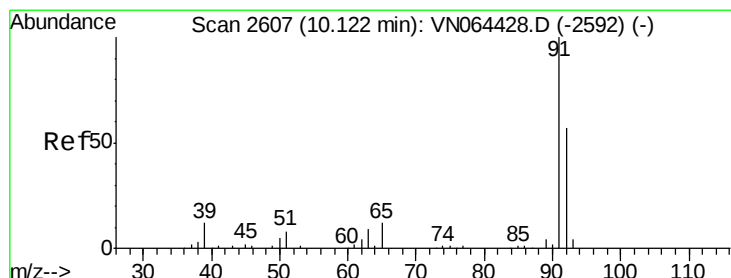
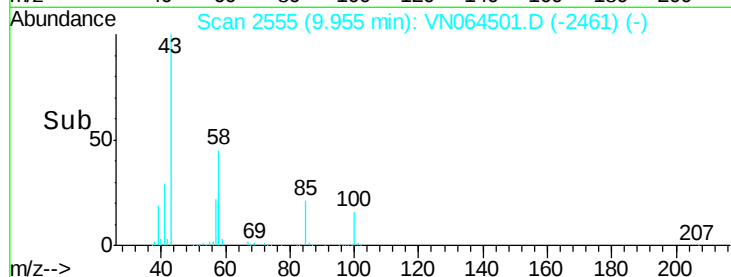
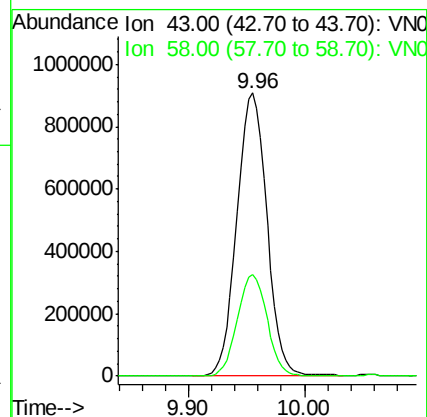
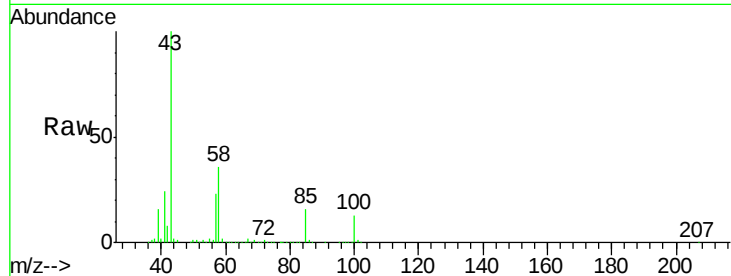
58 35.7 28.4 42.6

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#52

Toluene

Concen: 51.057 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064501.D

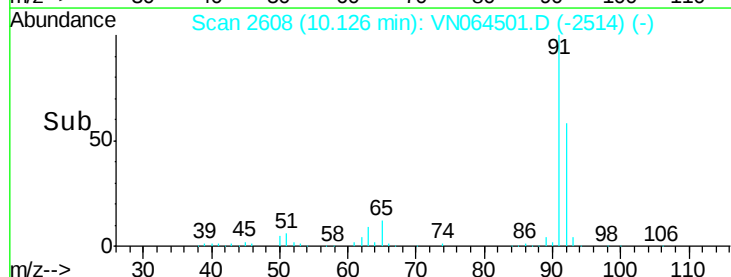
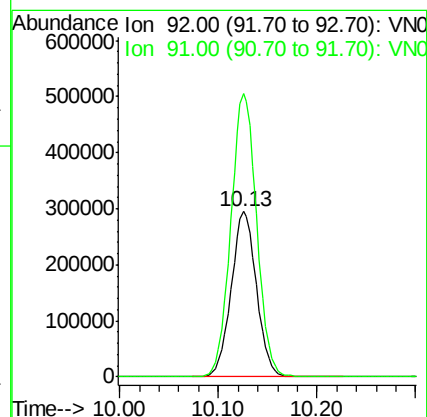
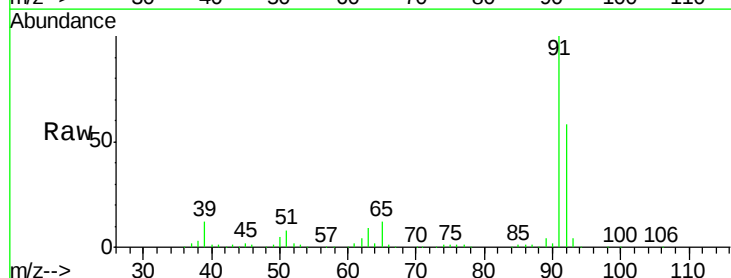
Acq: 6 Nov 2020 22:30

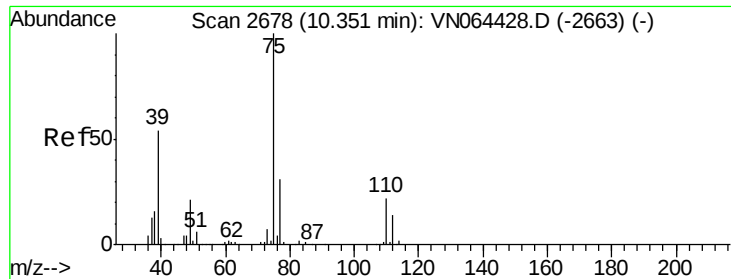
Tgt Ion: 92 Resp: 528175

Ion Ratio Lower Upper

92 100

91 175.2 139.6 209.4





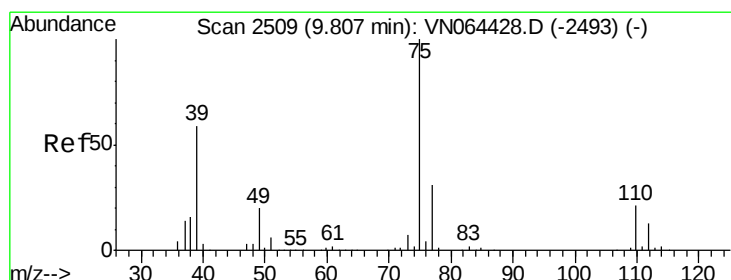
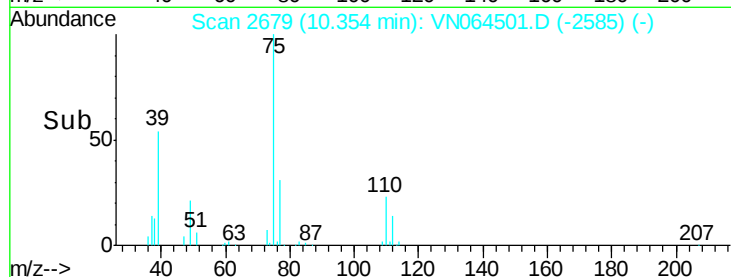
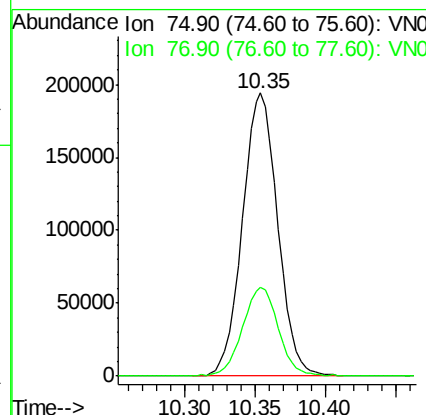
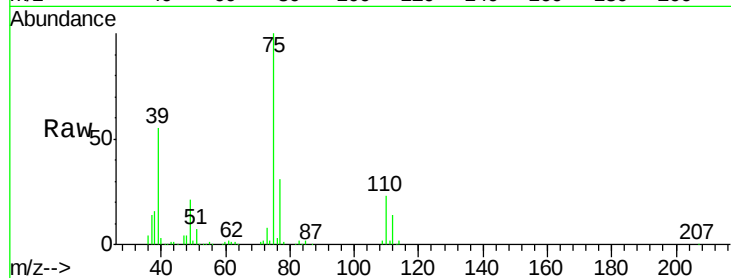
#53
t-1,3-Dichloropropene
Concen: 50.064 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 339996
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2

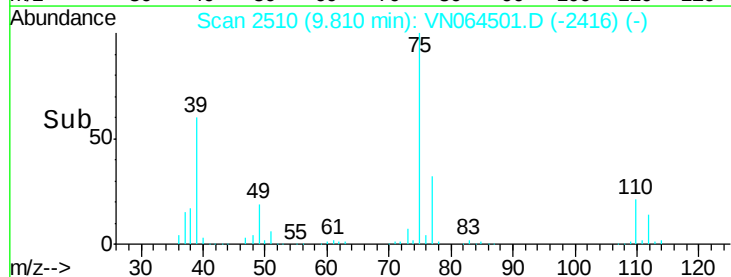
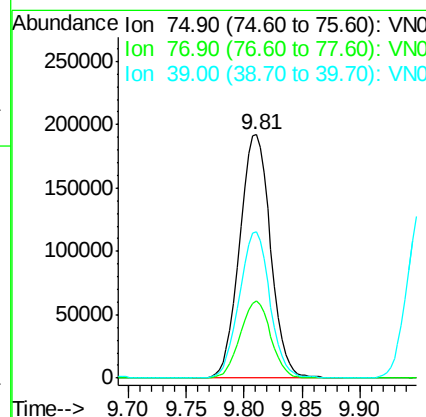
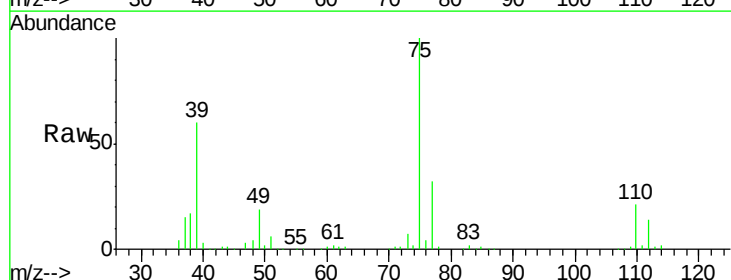
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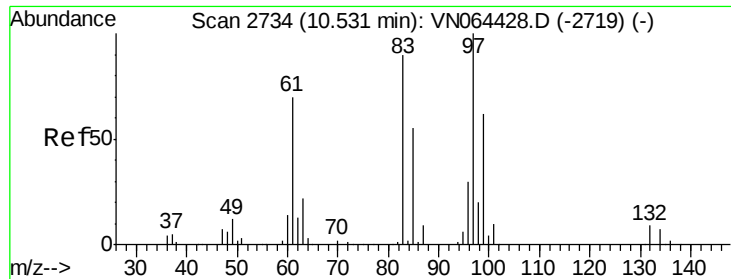
MMDadoda
11/9/2020 9:56:15 AM



#54
cis-1,3-Dichloropropene
Concen: 49.029 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 75 Resp: 356001
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3
39 60.2 47.1 70.7





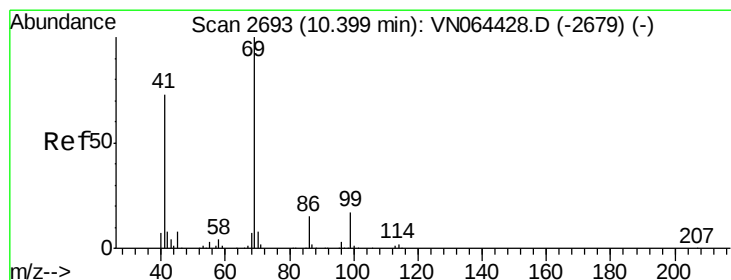
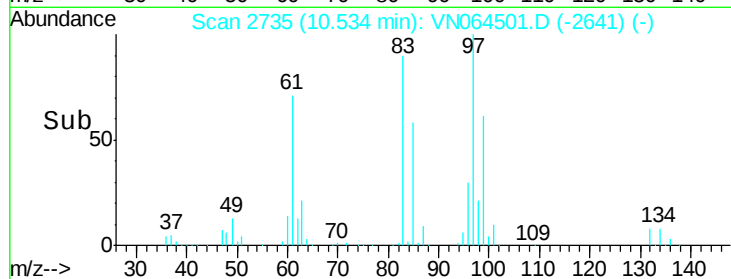
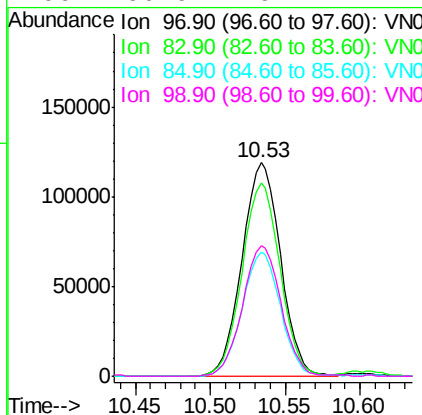
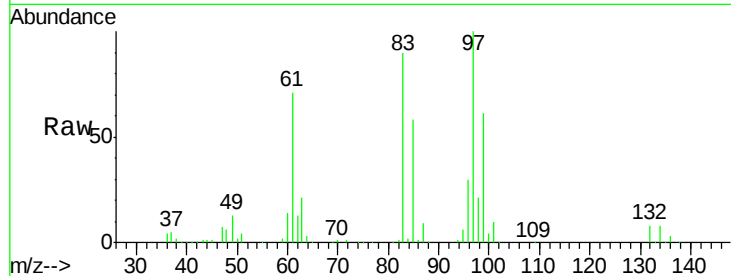
#55
 1,1,2-Trichloroethane
 Concen: 52.799 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	213014
Ion	Ratio	Lower	Upper
97	100		
83	90.4	71.7	107.5
85	58.4	44.3	66.5
99	60.9	49.4	74.2

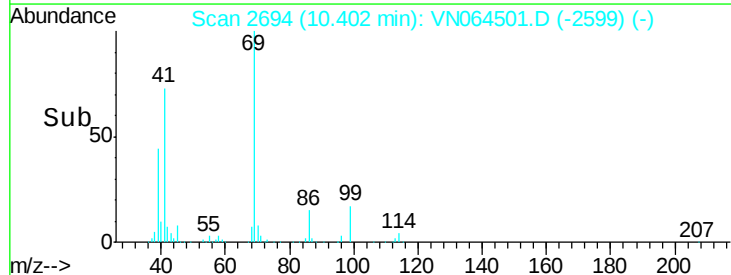
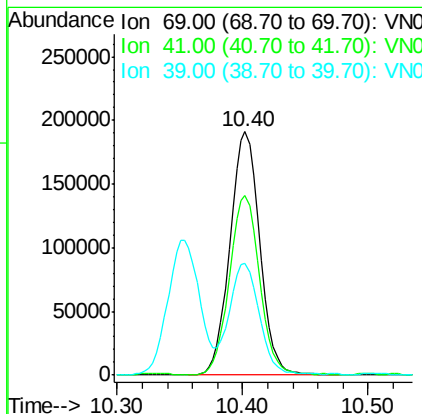
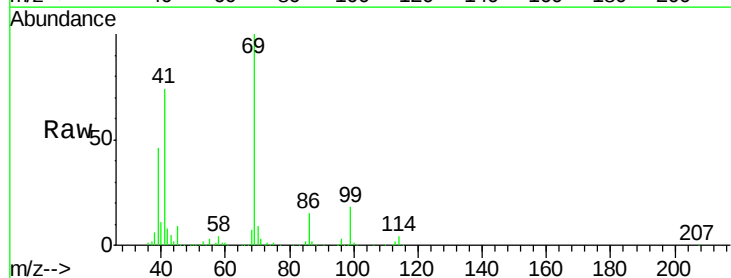
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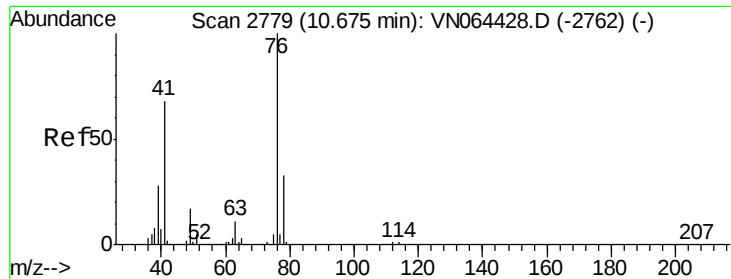
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#56
 Ethyl methacrylate
 Concen: 47.719 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion:	69	Resp:	316170
Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.3	88.9
39	45.3	35.4	53.0





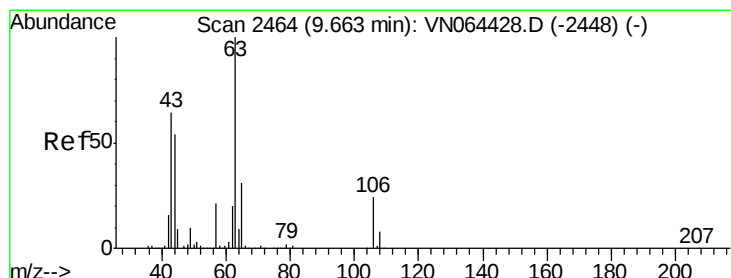
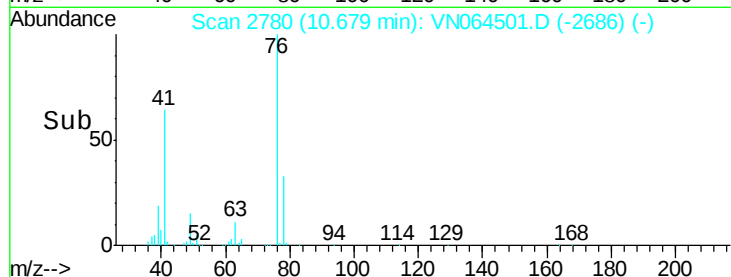
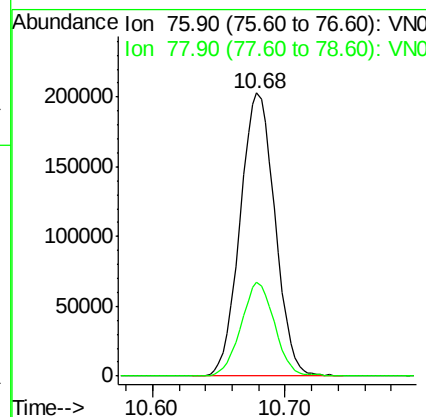
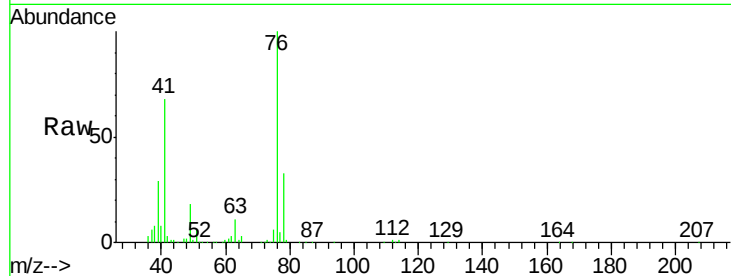
#57
 1,3-Dichloropropane
 Concen: 52.505 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 369741
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

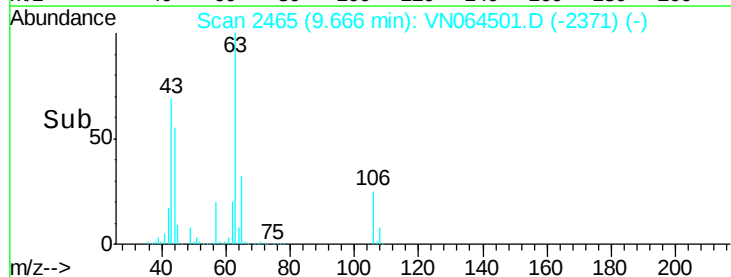
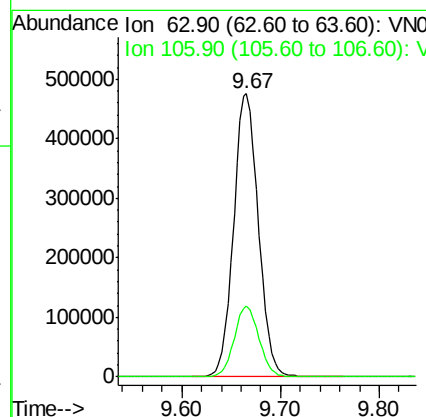
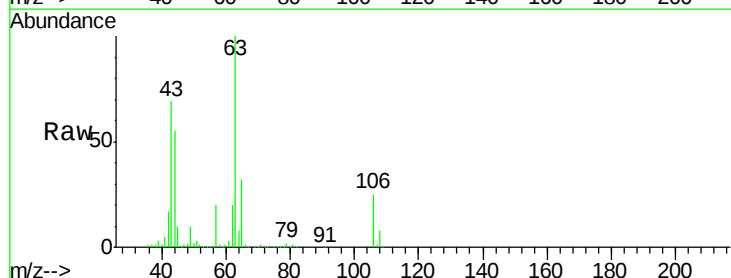
Manual Integrations
 APPROVED

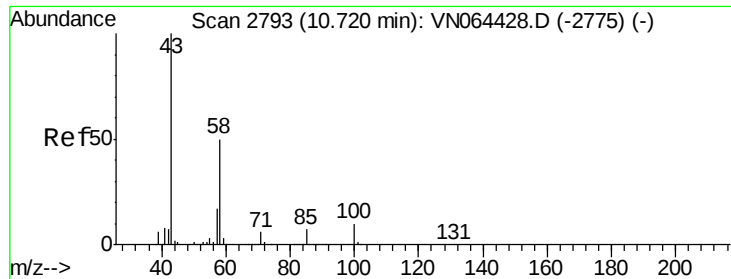
MMDadoda
 11/9/2020 9:56:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.517 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 63 Resp: 833953
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.5 29.3





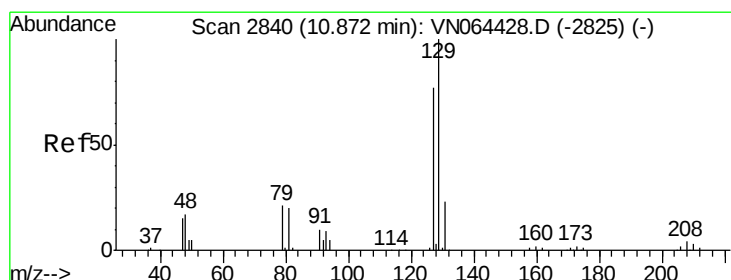
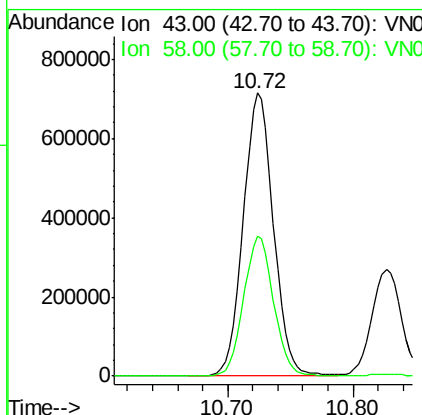
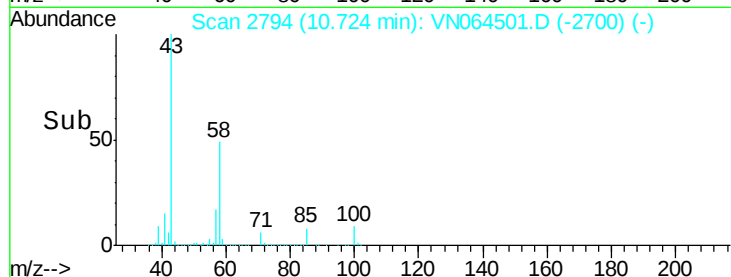
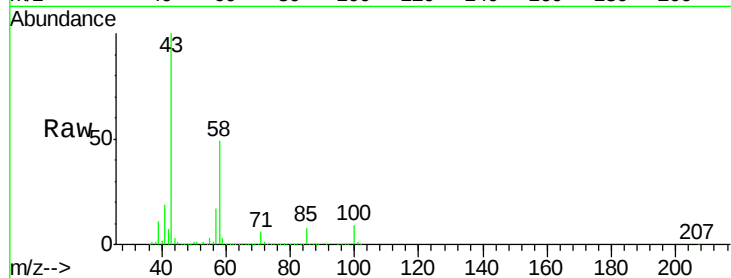
#59
2-Hexanone
Concen: 267.716 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1192158
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

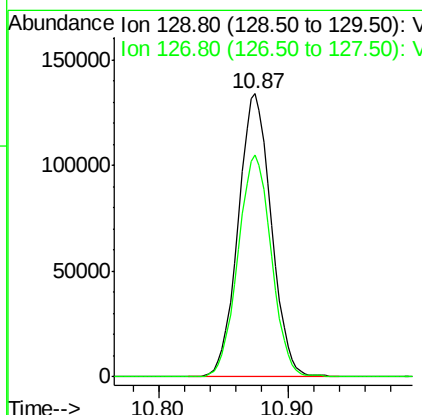
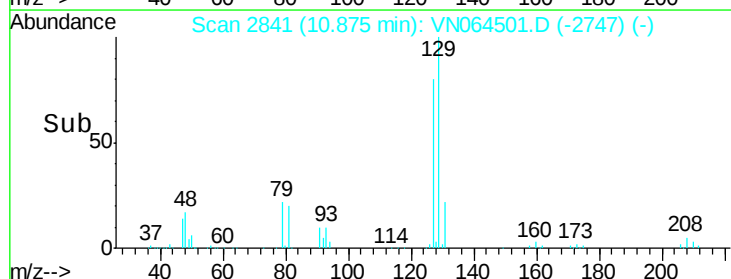
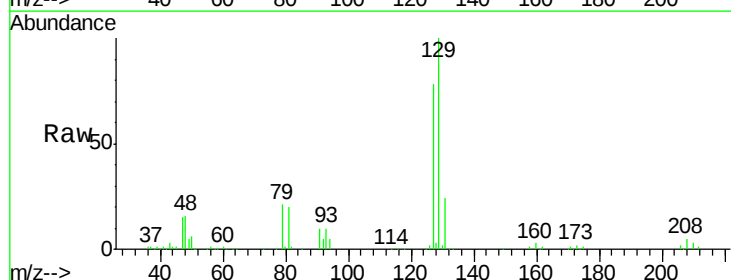
Manual Integrations
APPROVED

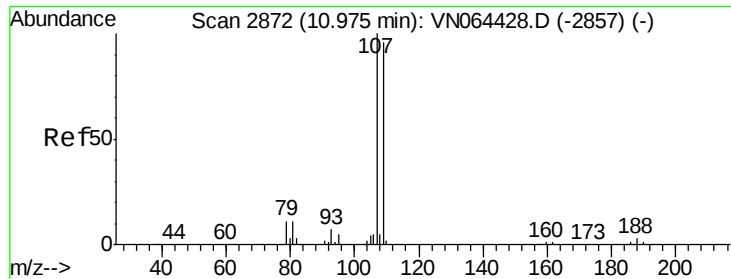
MMDadoda
11/9/2020 9:56:15 AM



#60
Dibromochloromethane
Concen: 52.962 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 129 Resp: 239227
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





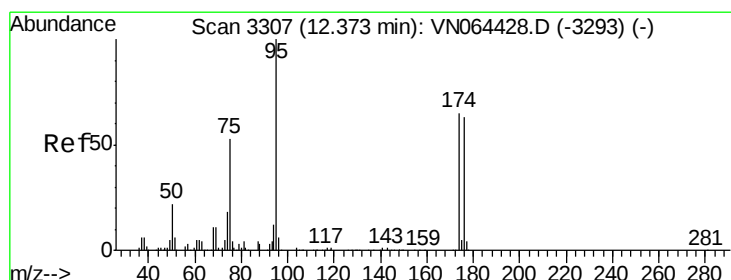
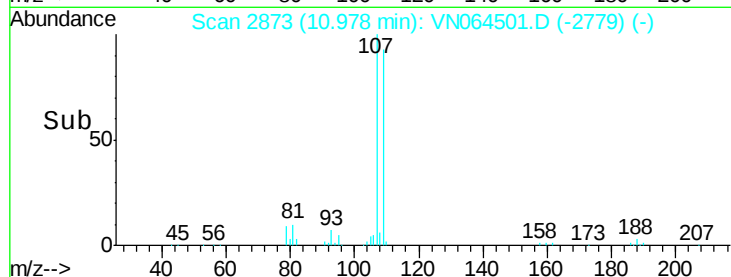
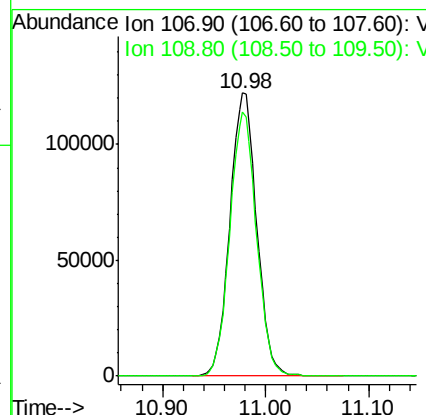
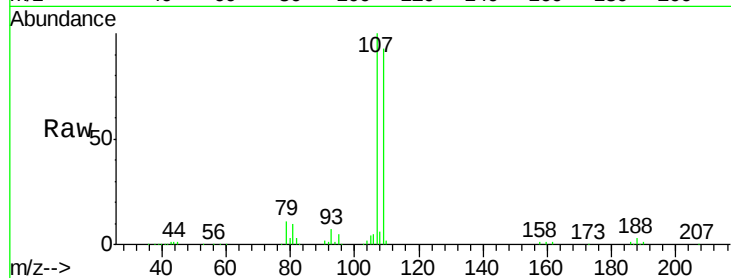
#61
 1,2-Dibromoethane
 Concen: 54.167 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.9	113.9

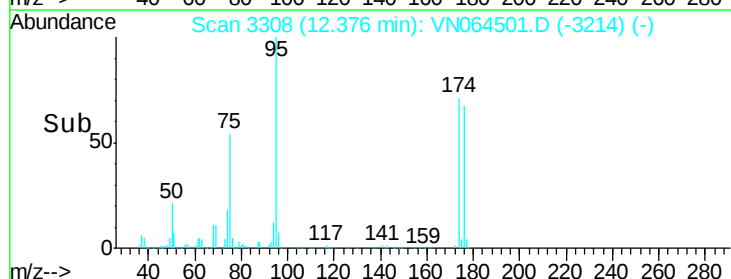
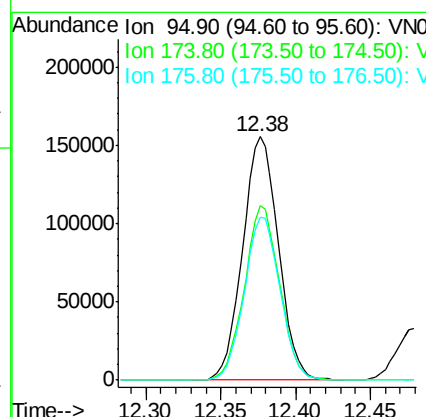
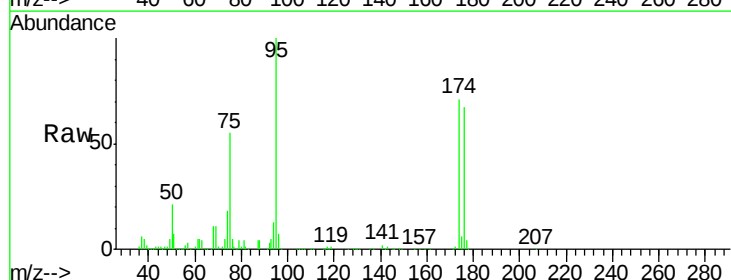
Manual Integrations
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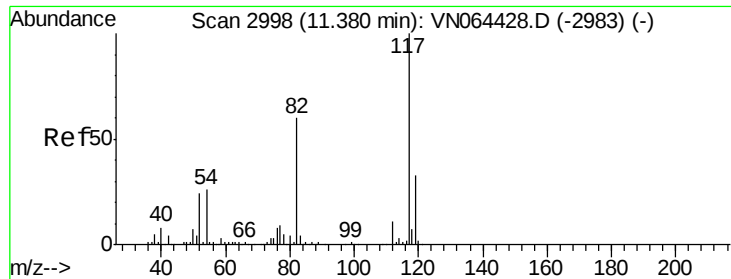
MMDadoda
 11/9/2020 9:56:15 AM



#62
 4-Bromofluorobenzene
 Concen: 47.573 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	132.6
176	66.8	0.0	129.2





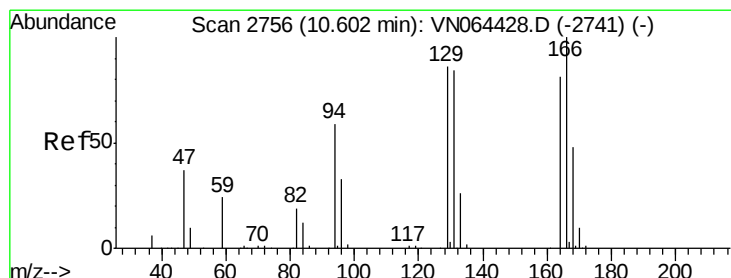
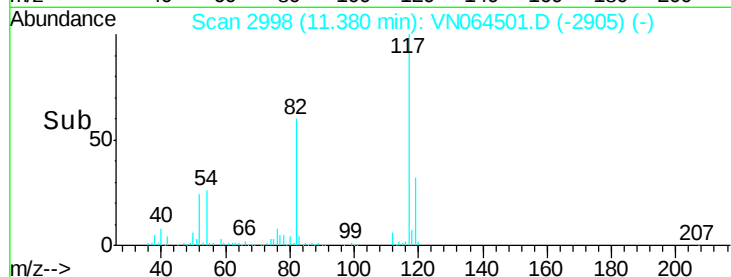
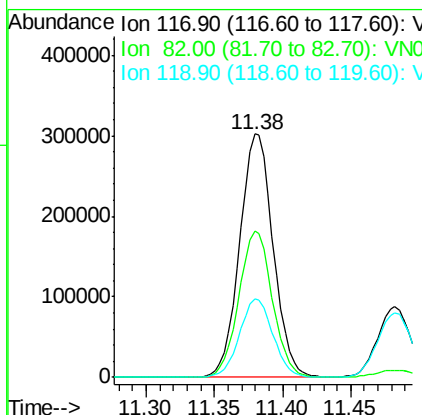
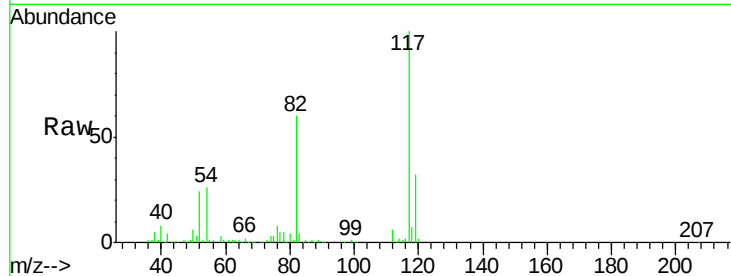
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	516000		
82	59.9		48.1	72.1
119	32.3		26.2	39.4

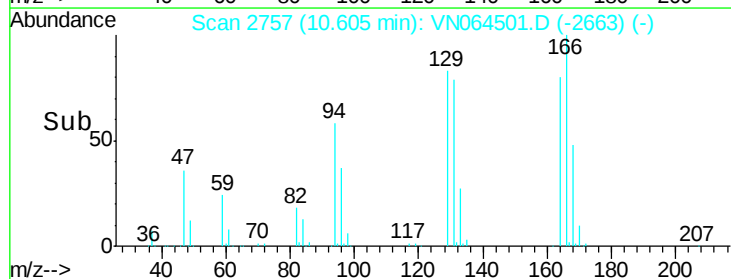
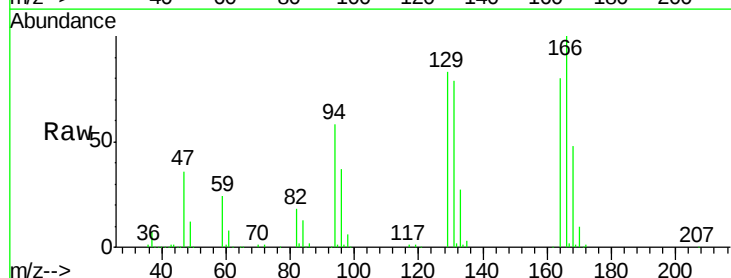
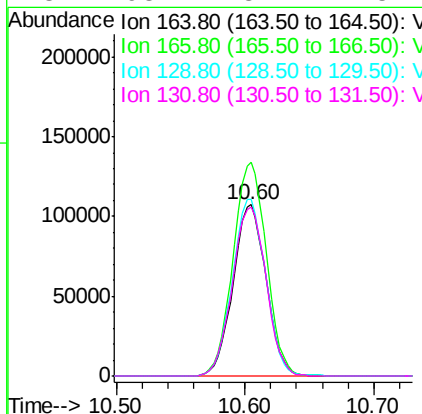
Manual Integrations
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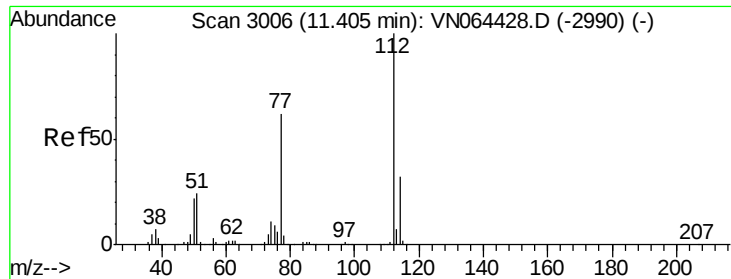
MMDadoda
11/9/2020 9:56:15 AM



#64
Tetrachloroethene
Concen: 48.185 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191524		
166	124.8		98.2	147.2
129	103.3		84.6	127.0
131	98.7		82.2	123.2





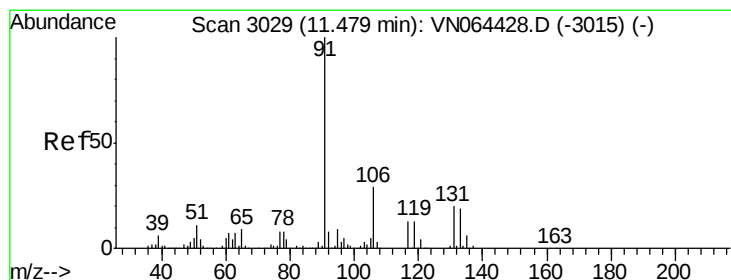
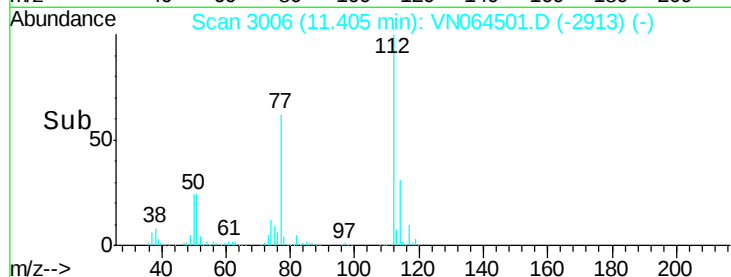
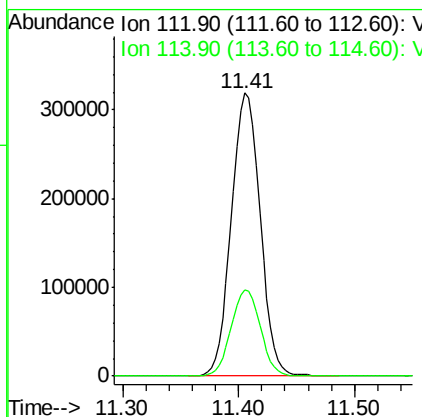
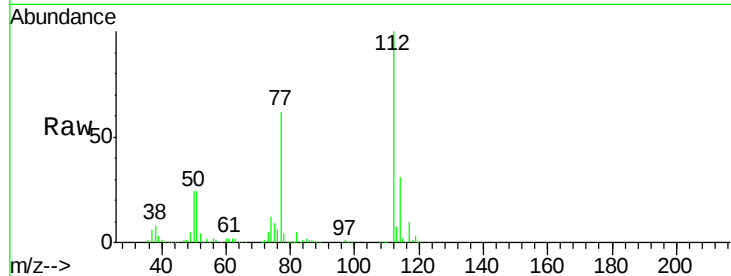
#65
Chlorobenzene
Concen: 48.738 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.6	38.4

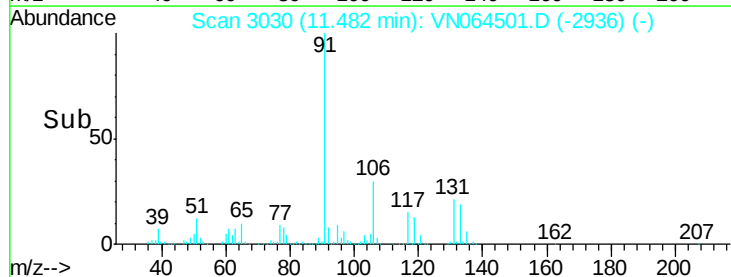
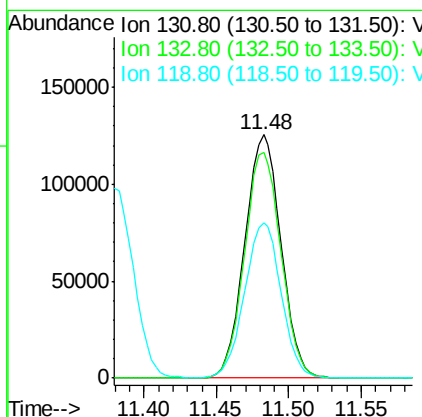
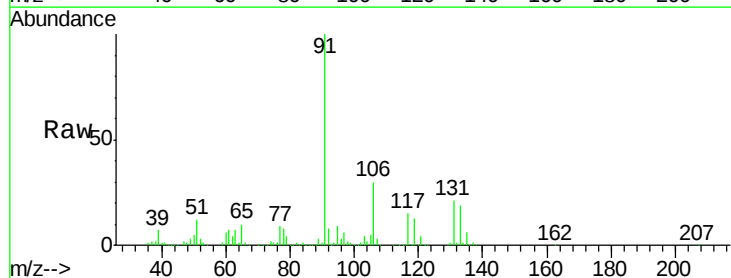
Manual Integrations
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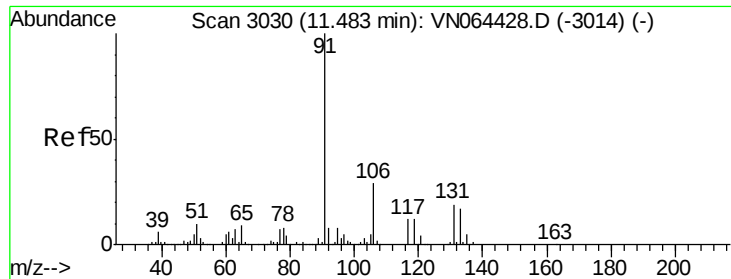
MMDadoda
11/9/2020 9:56:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.708 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	46.9	140.7
119	64.6	32.1	96.5





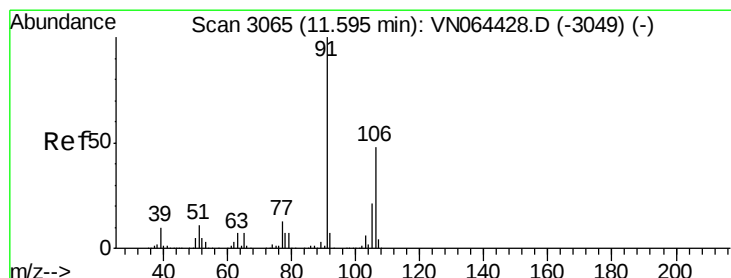
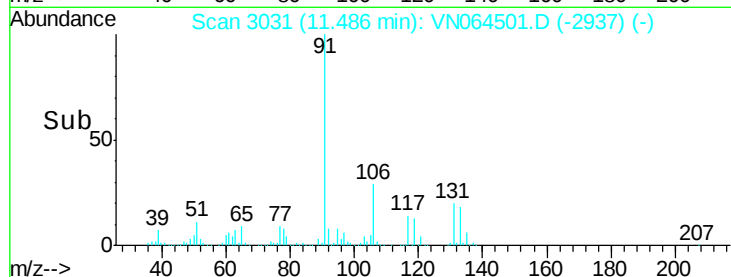
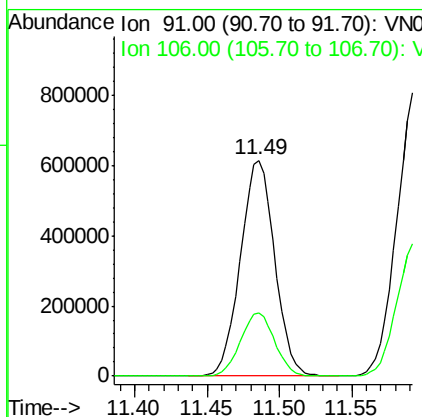
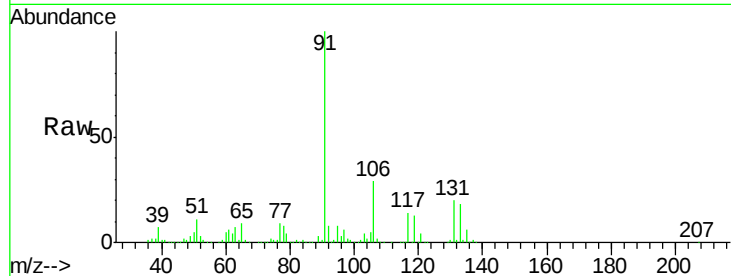
#67
Ethyl Benzene
Concen: 50.277 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1011621
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4

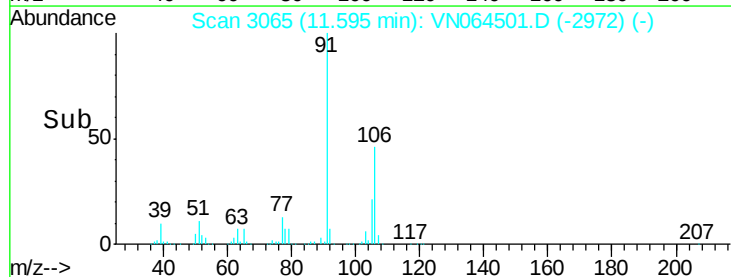
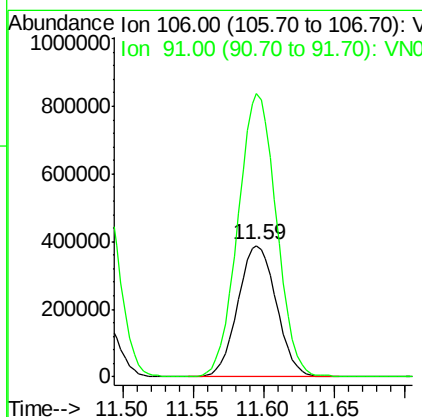
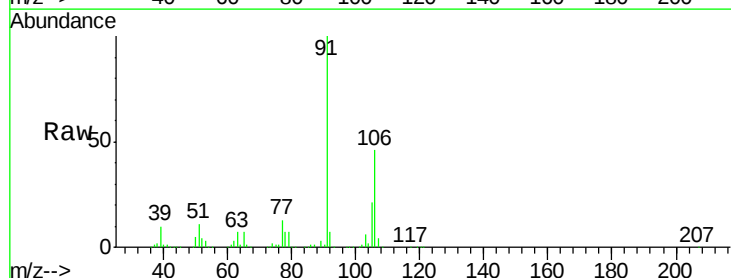
Manual Integrations
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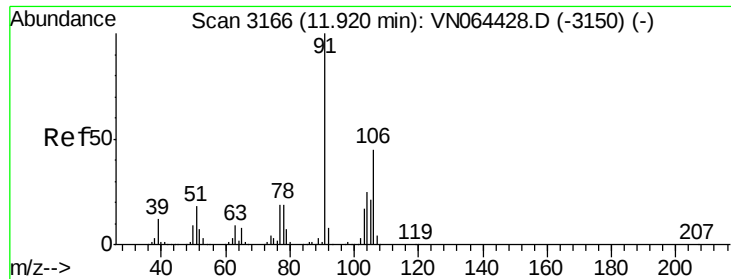
MMDadoda
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#68
m/p-Xylenes
Concen: 101.362 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 106 Resp: 739645
Ion Ratio Lower Upper
106 100
91 215.3 169.4 254.2





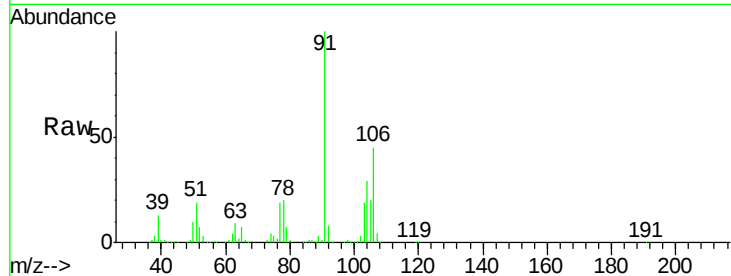
#69
o-Xylene
Concen: 50.086 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

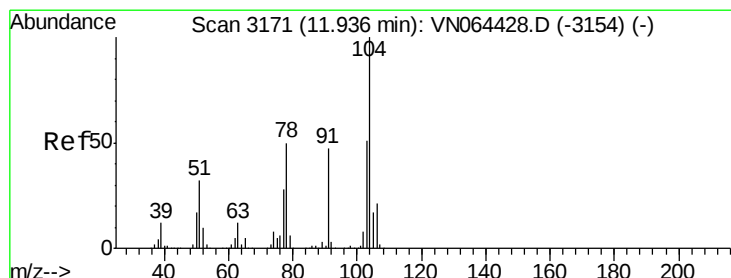
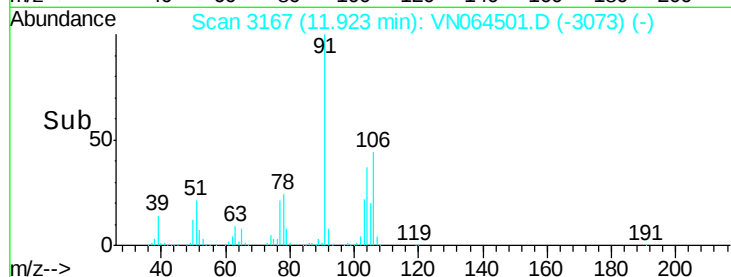
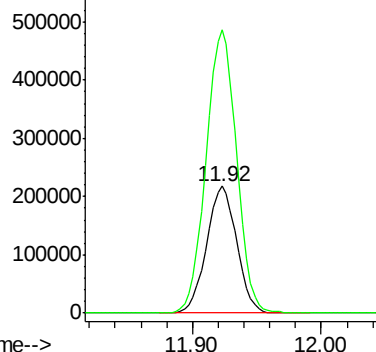
Tot Ion:106 Resp: 353168
Ion Ratio Lower Upper
106 100
91 225.8 111.7 334.9

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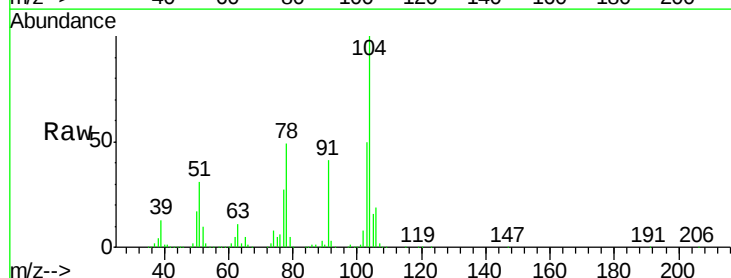


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

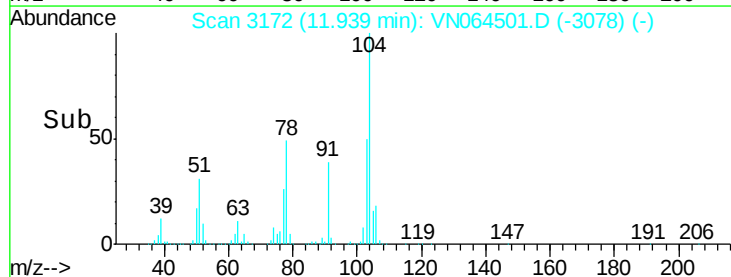
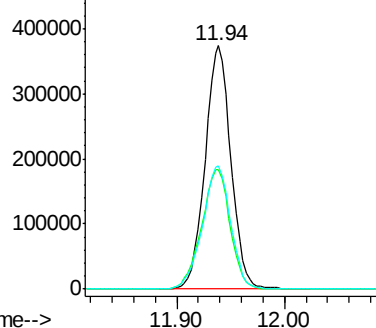


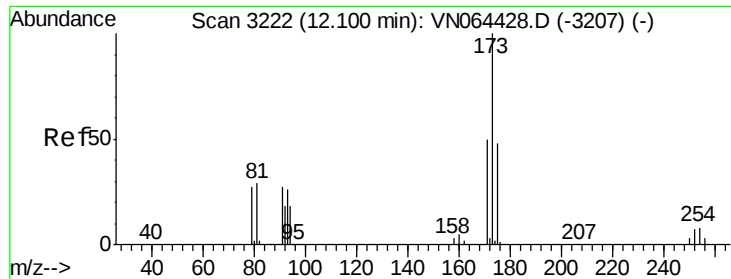
#70
Styrene
Concen: 52.729 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion:104 Resp: 625641
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 55.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





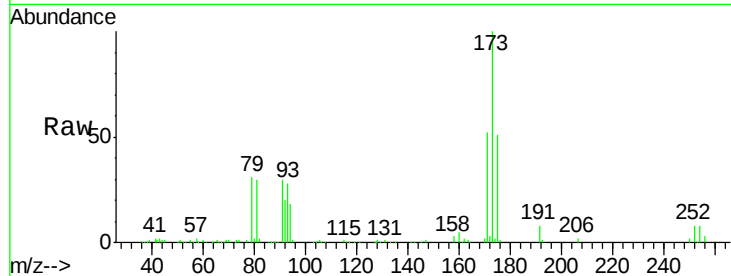
#71
Bromoform
Concen: 50.391 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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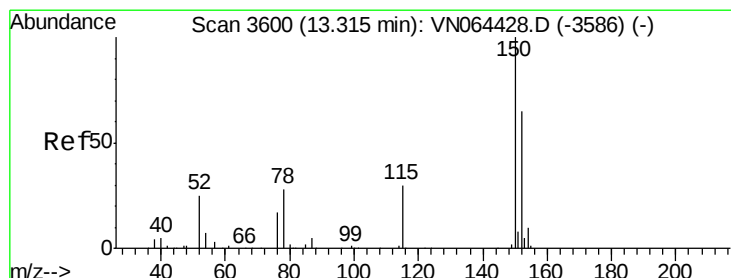
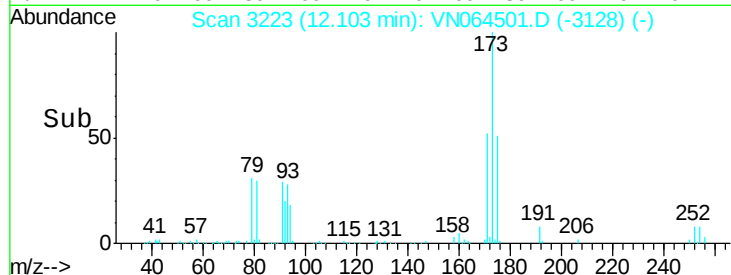
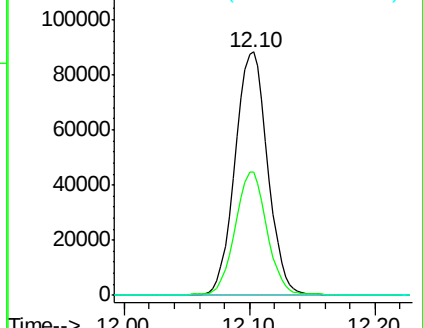


Abundance

Ion 172.70 (172.40 to 173.40): V

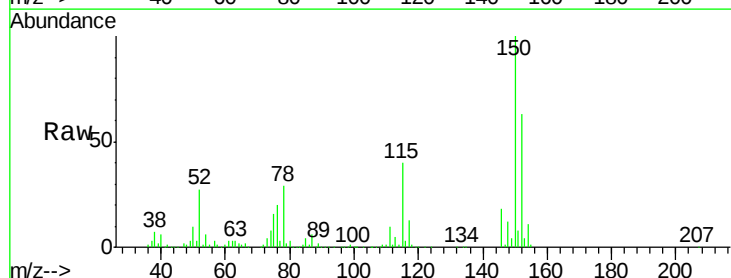
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.0	96.0
150	176.2	0.0	353.8

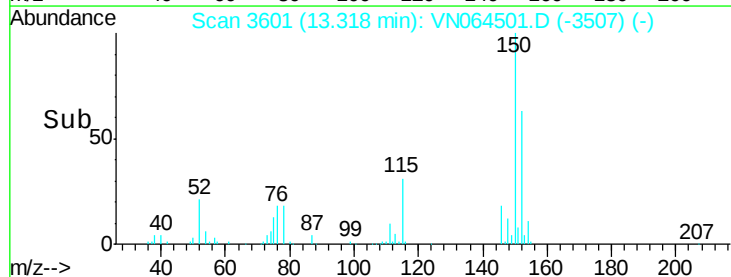
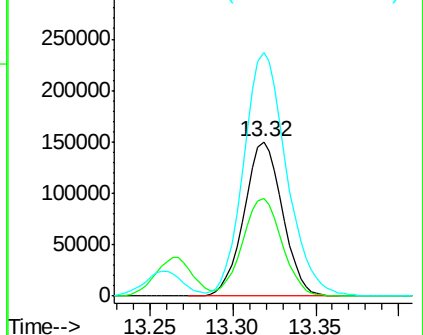


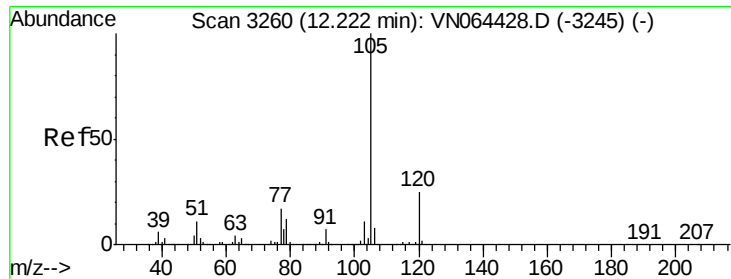
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





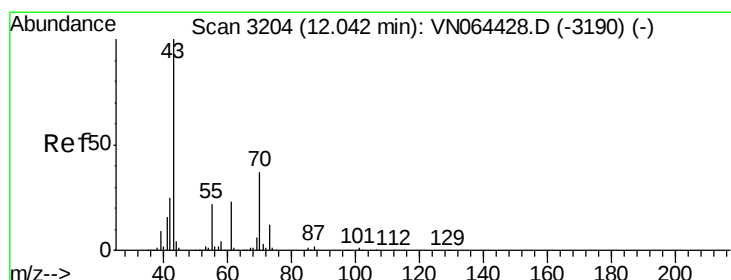
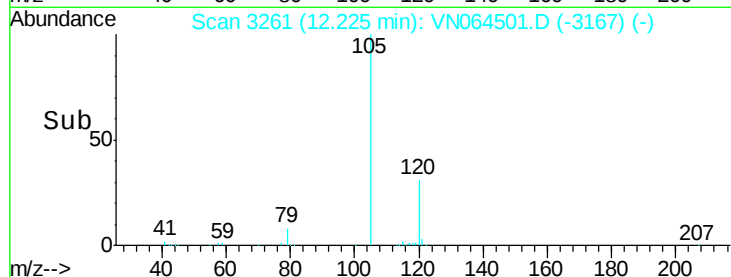
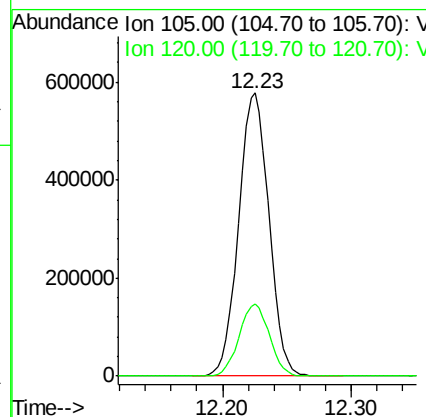
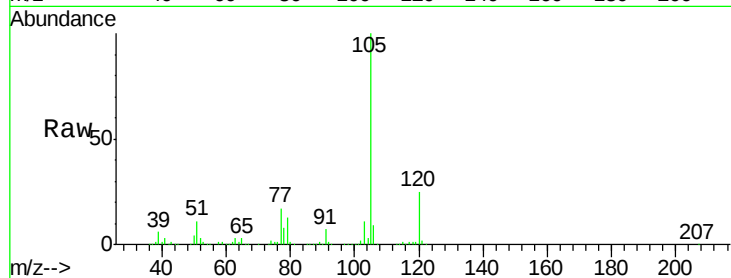
#73
Isopropylbenzene
Concen: 49.086 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3

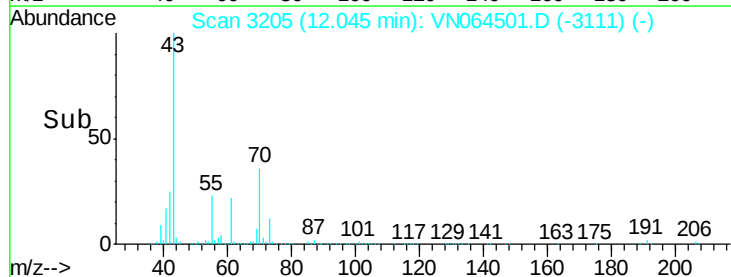
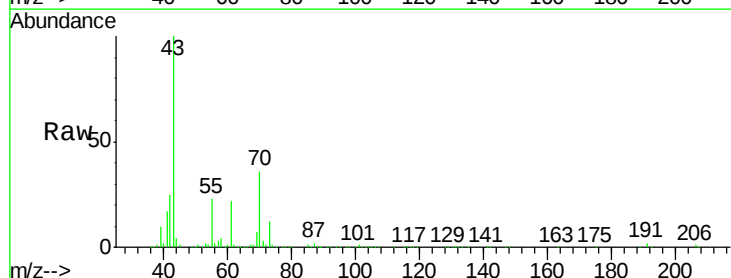
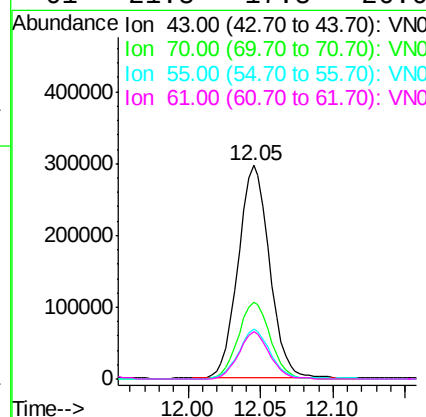
Manual Integrations
APPROVED

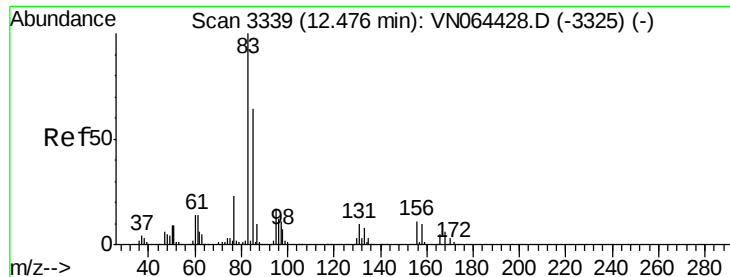
MMDadoda
11/9/2020 9:56:15 AM



#74
N-ethyl acetate
Concen: 48.090 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.2	29.6	44.4
55	23.6	18.4	27.6
61	21.8	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.233 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

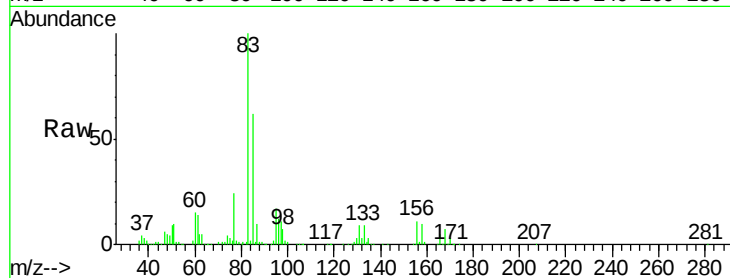
VSTDCCC050EC

Tot Ion: 83 Resp: 313726
Ion Ratio Lower Upper

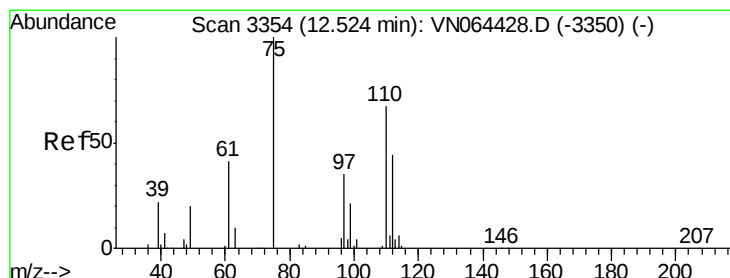
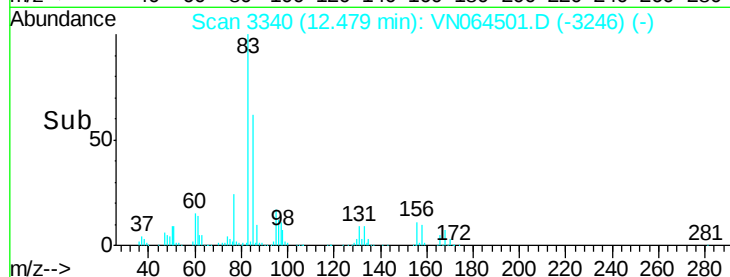
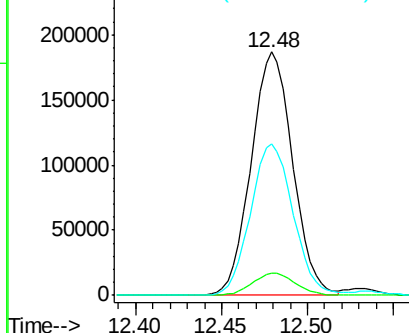
83	100		
131	9.5	4.9	14.7
85	63.7	32.1	96.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)
Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)
Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 52.196 ug/l m

RT: 12.53 min Scan# 3355

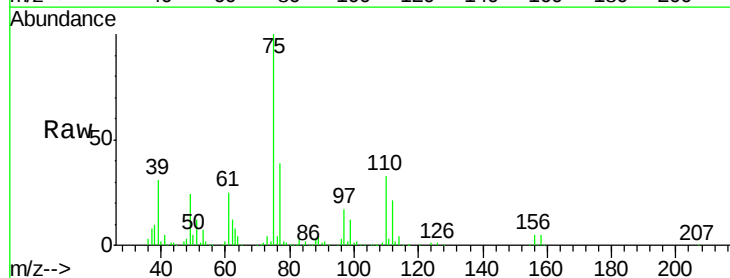
Delta R.T. 0.00 min

Lab File: VN064501.D

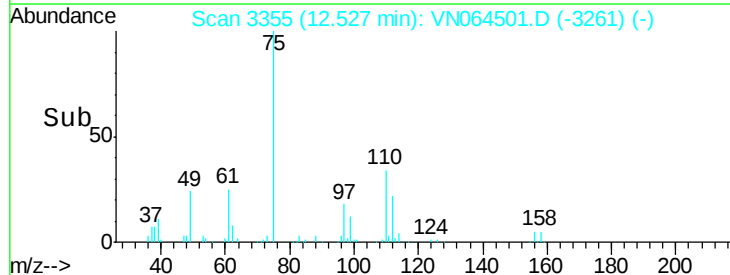
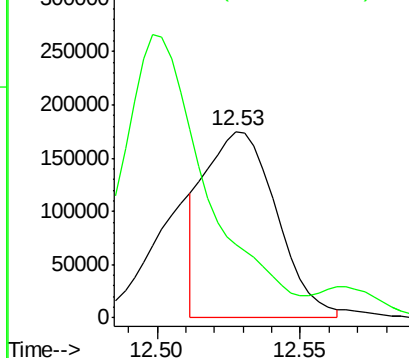
Acq: 6 Nov 2020 22:30

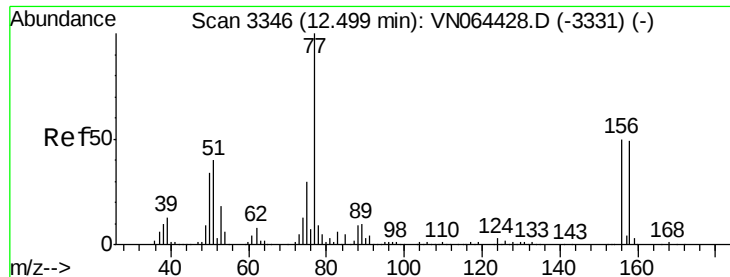
Tgt Ion: 75 Resp: 305292
Ion Ratio Lower Upper

75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)
Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 48.358 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 226535

Ion Ratio Lower Upper

156 100

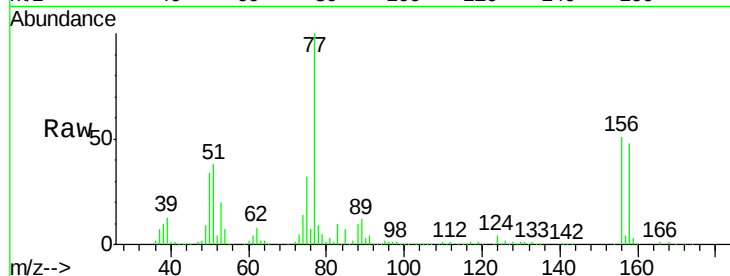
77 240.4 119.0 357.0

158 95.0 48.4 145.3

Manual Integrations
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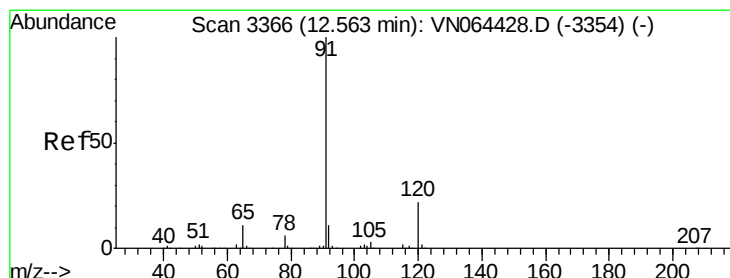
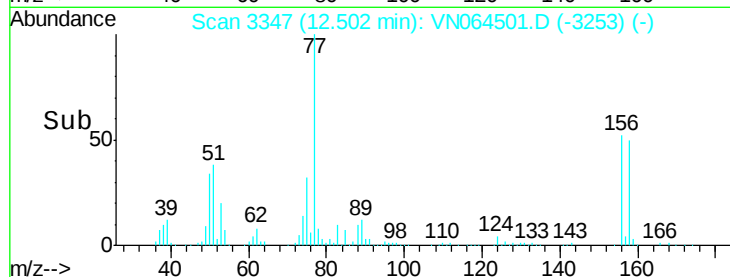
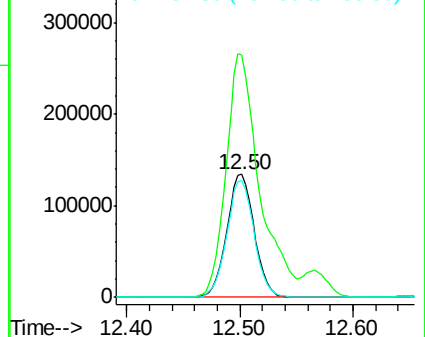
11/9/2020 9:56:15 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.351 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064501.D

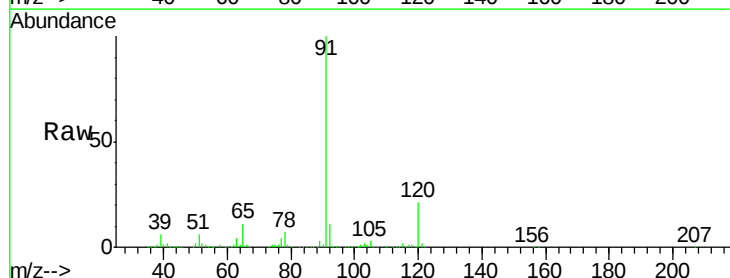
Acq: 6 Nov 2020 22:30

Tgt Ion: 91 Resp: 1079553

Ion Ratio Lower Upper

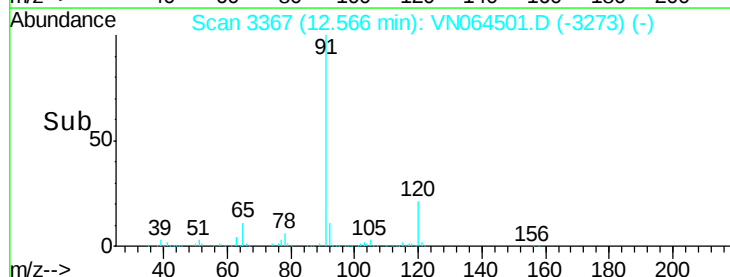
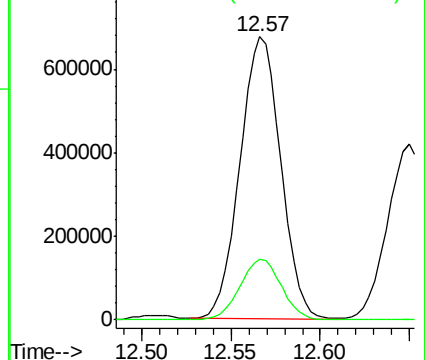
91 100

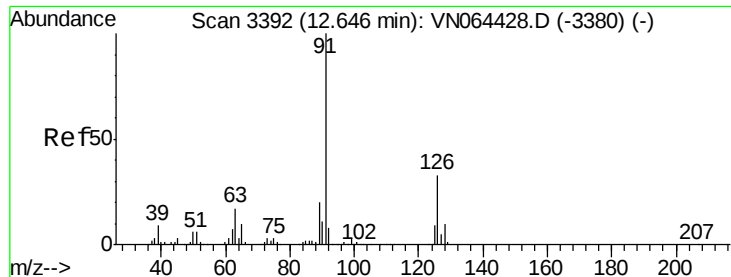
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





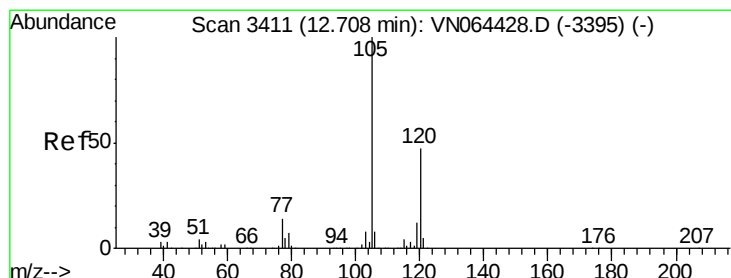
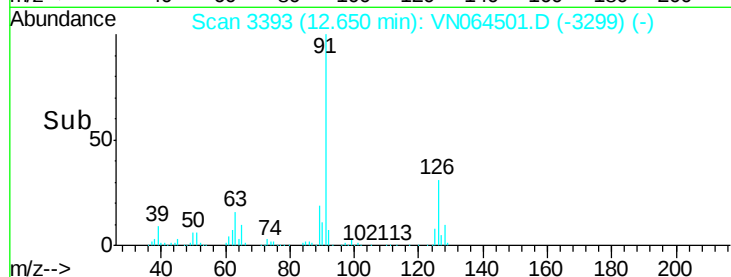
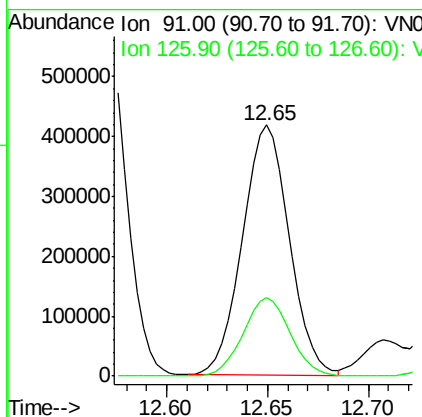
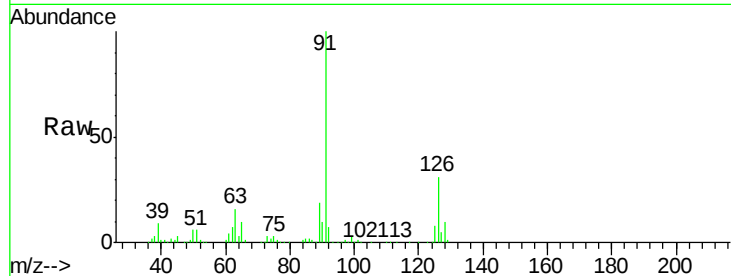
#79
 2-Chlorotoluene
 Concen: 48.968 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 679390
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.1

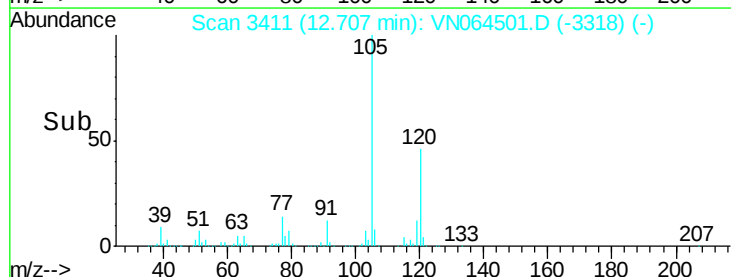
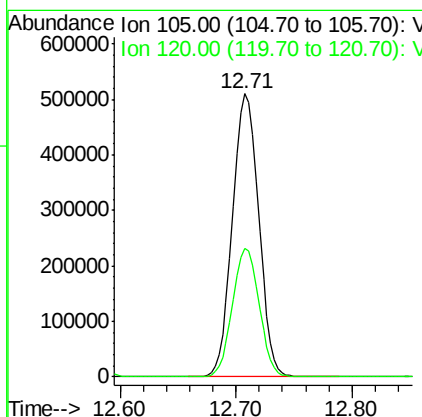
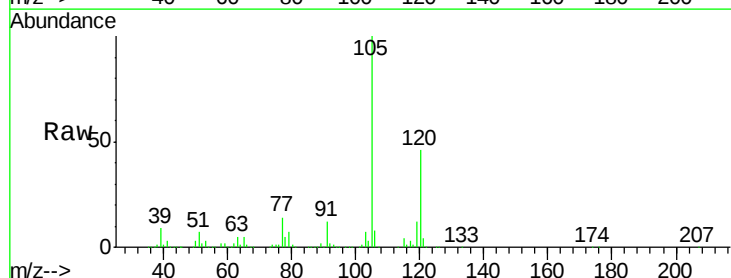
Manual Integrations
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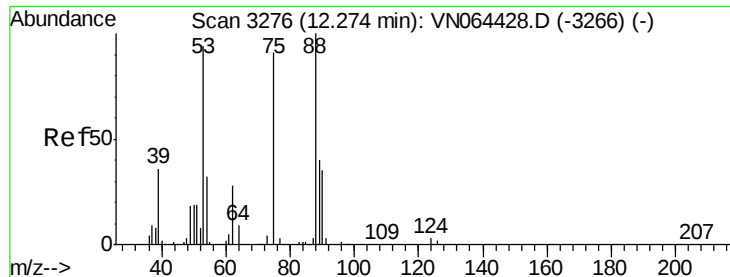
MMDadoda
 11/9/2020 9:56:15 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.499 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 105 Resp: 799356
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.2





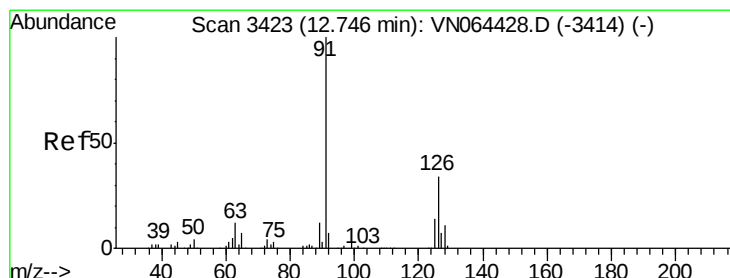
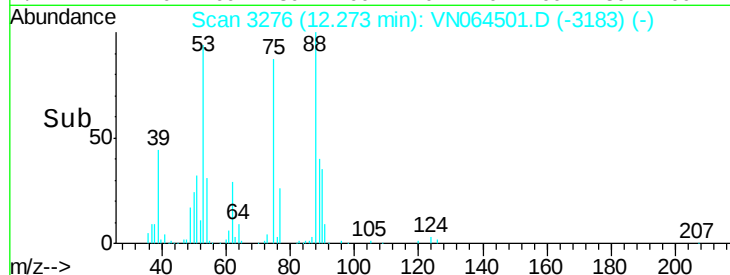
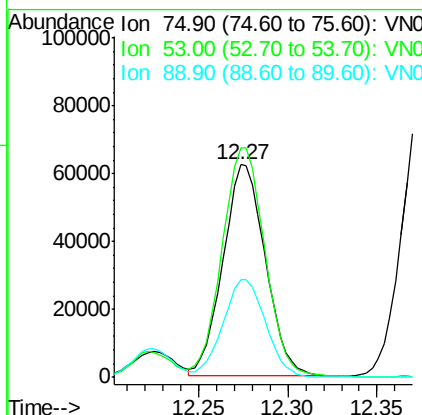
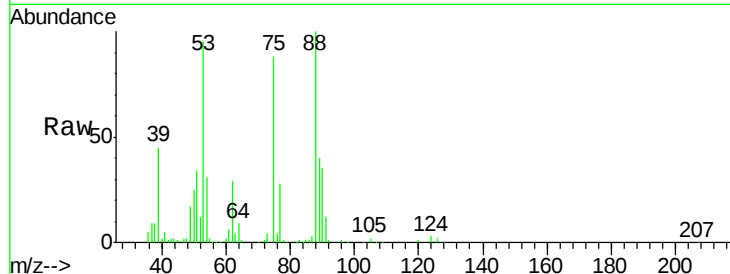
#81
trans-1,4-Dichloro-2-butene
Concen: 49.090 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.9	84.0	126.0
89	46.2	36.3	54.5

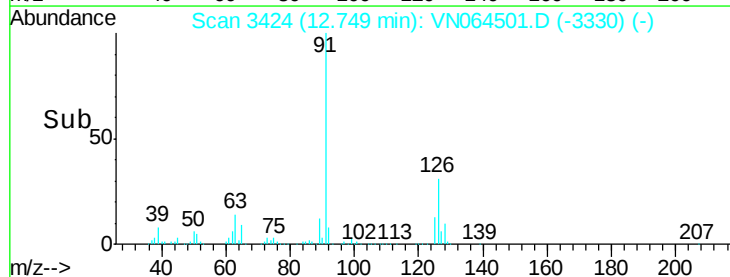
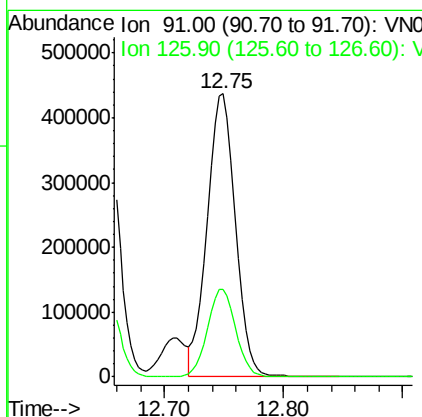
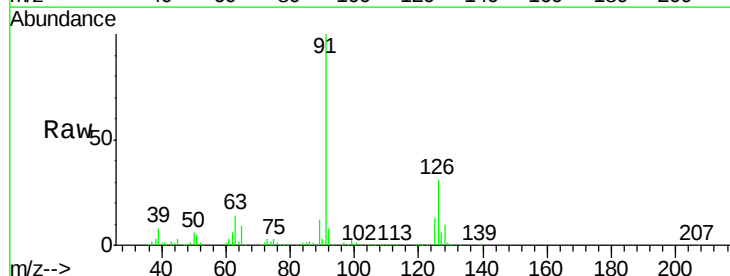
Manual Integrations
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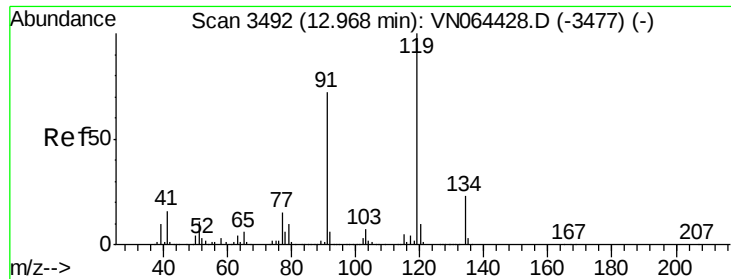
MMDadoda
11/9/2020 9:56:15 AM



#82
4-Chlorotoluene
Concen: 49.336 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





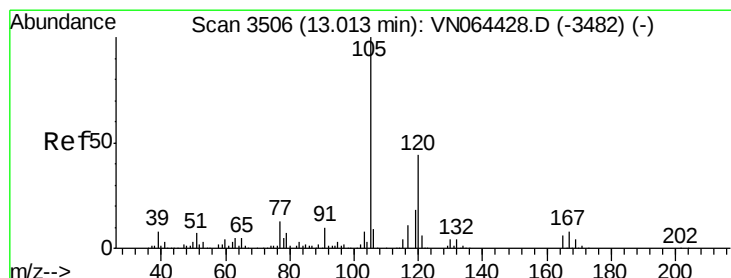
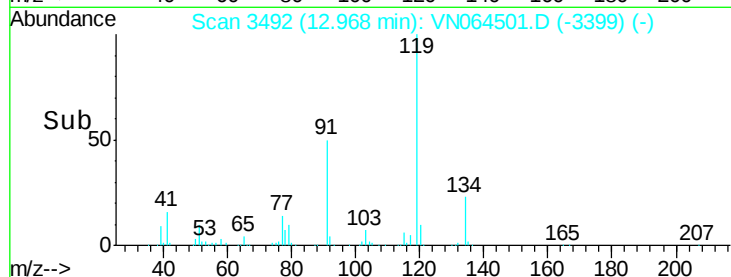
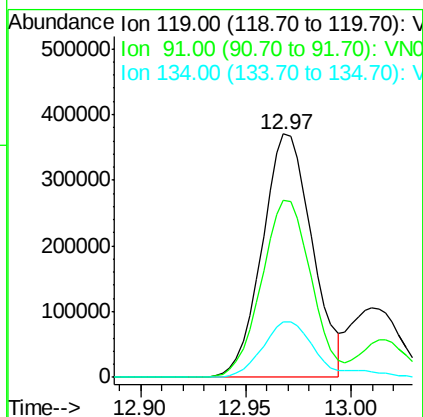
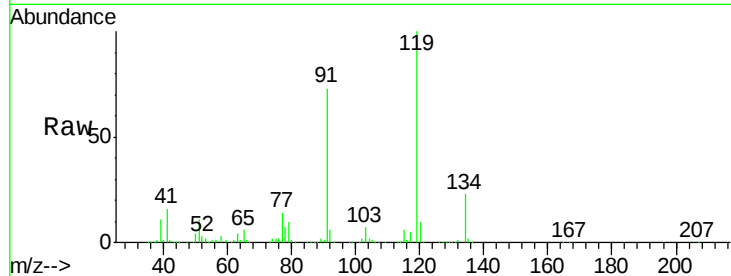
#83
tert-Butylbenzene
Concen: 49.403 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.3	36.1	108.3
134	25.1	11.7	35.1

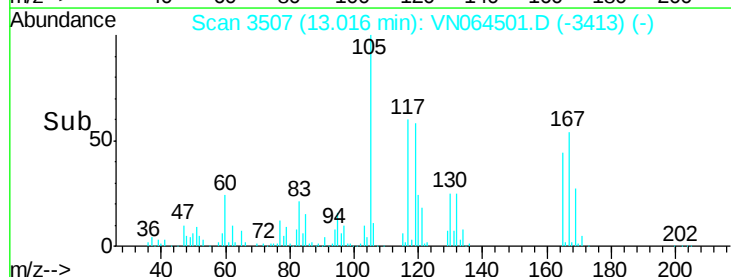
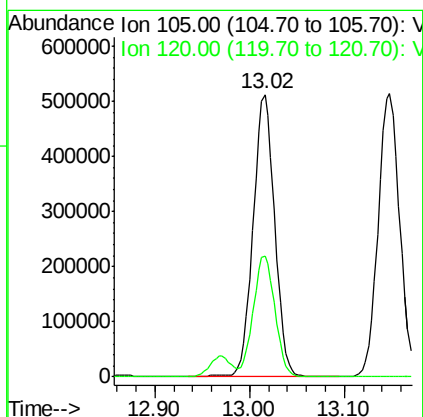
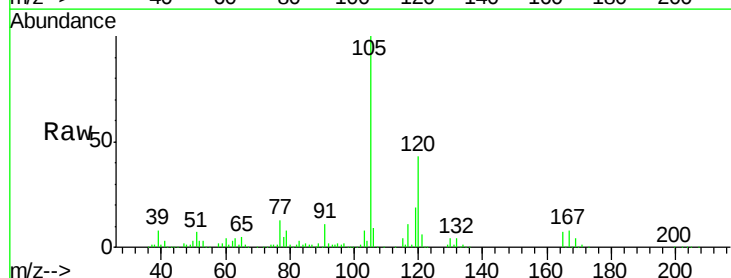
Manual Integrations
APPROVED

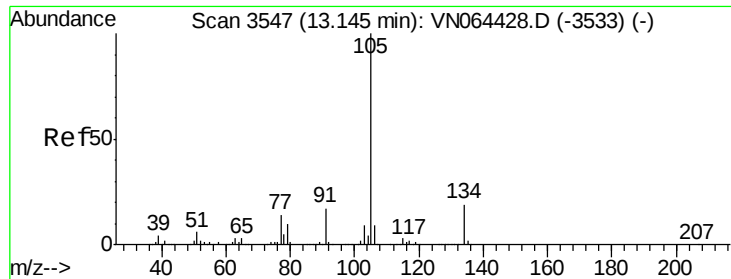
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.167 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.9	65.7





#85

sec-Butylbenzene

Concen: 51.797 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 810987

Ion Ratio Lower Upper

105 100

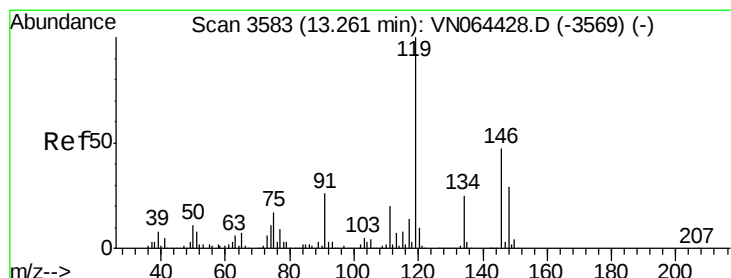
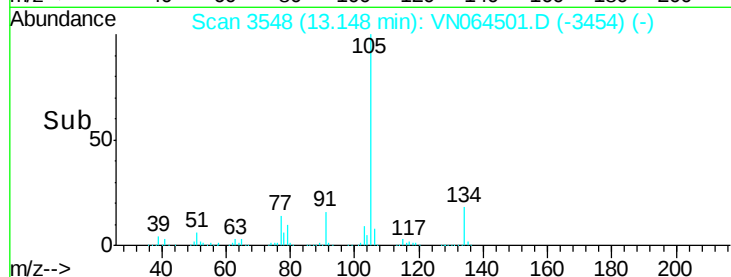
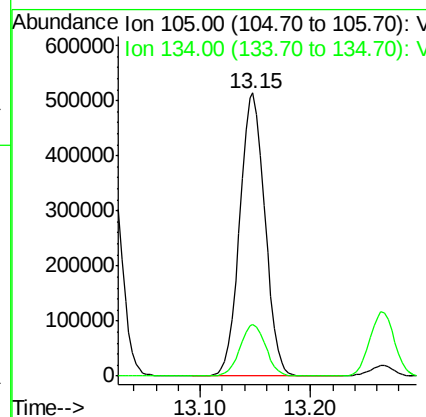
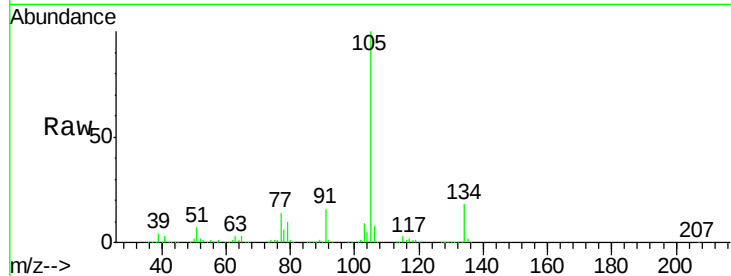
134 18.6 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.177 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

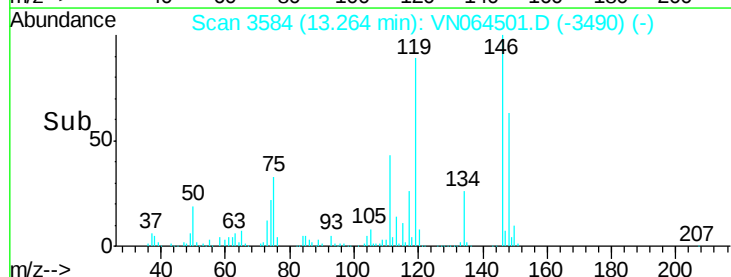
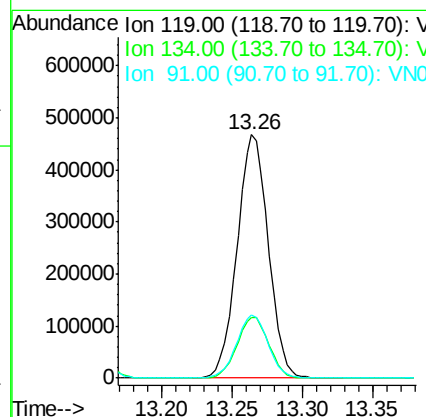
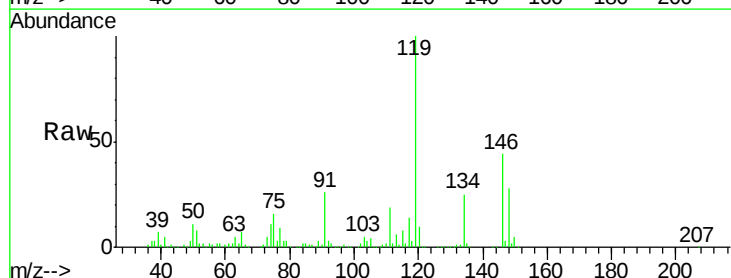
Tgt Ion:119 Resp: 720733

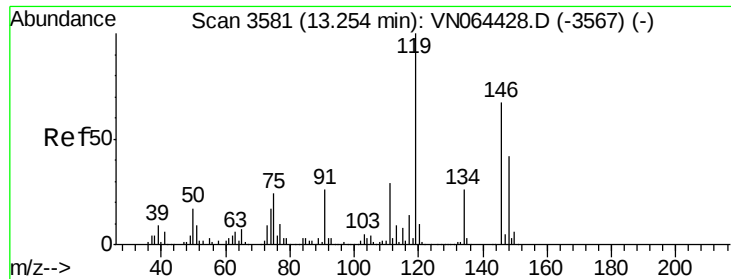
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 26.2 12.8 38.3





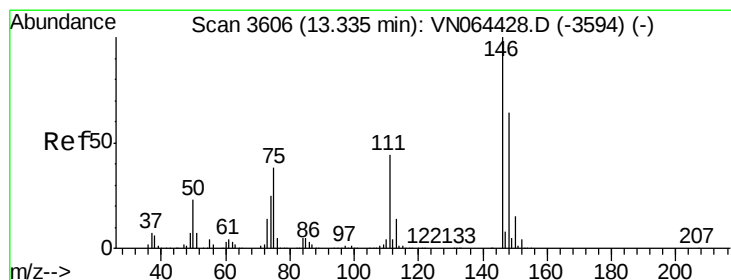
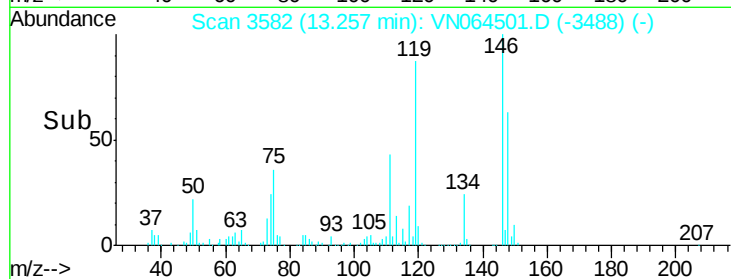
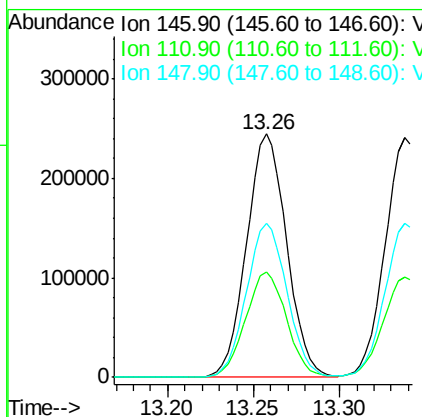
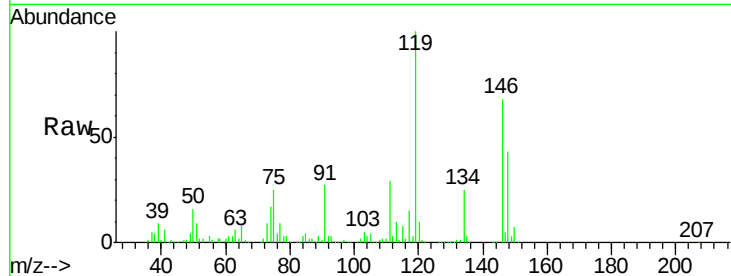
#87
 1,3-Dichlorobenzene
 Concen: 49.019 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	396941		
111	44.0	22.1	66.1	
148	63.8	31.7	95.1	

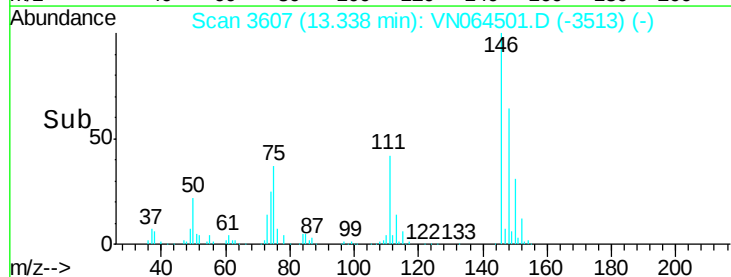
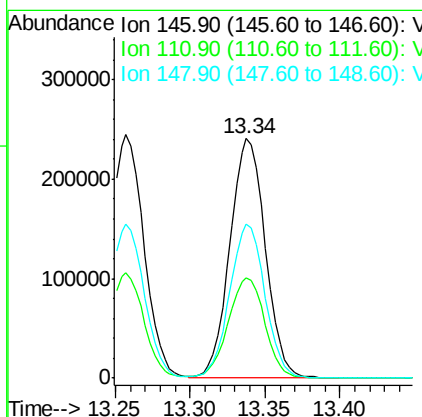
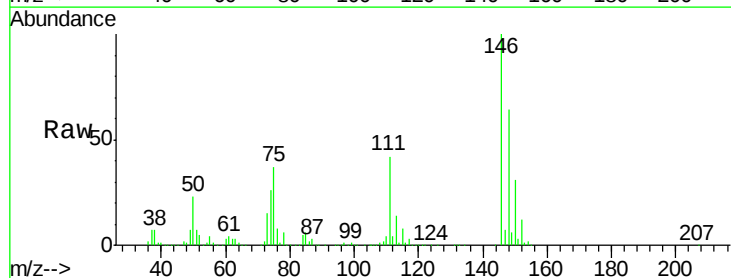
Manual Integrations
 APPROVED

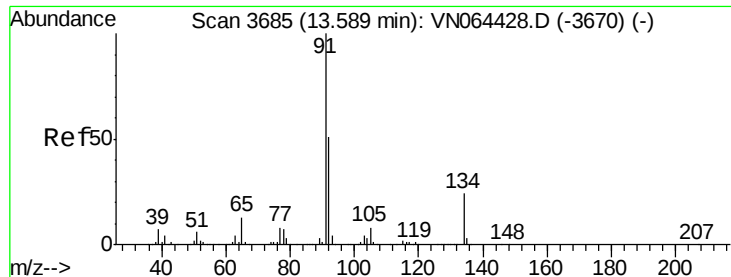
MMDadoda
 11/9/2020 9:56:15 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.281 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395671		
111	43.2	21.8	65.3	
148	64.3	32.4	97.2	





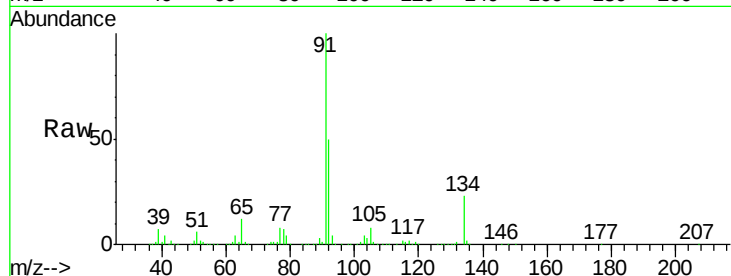
#89
n-Butylbenzene
Concen: 50.794 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

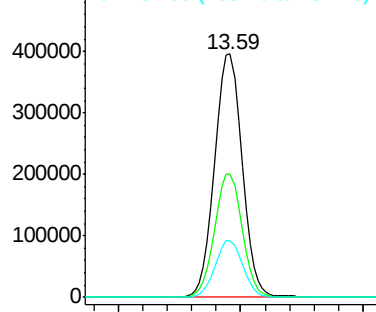
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.3	75.9
134	23.5	11.8	35.4

Manual Integrations
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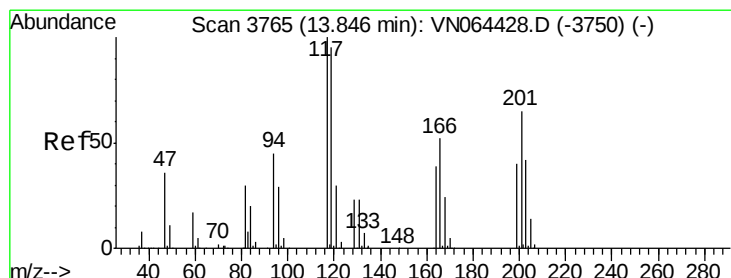
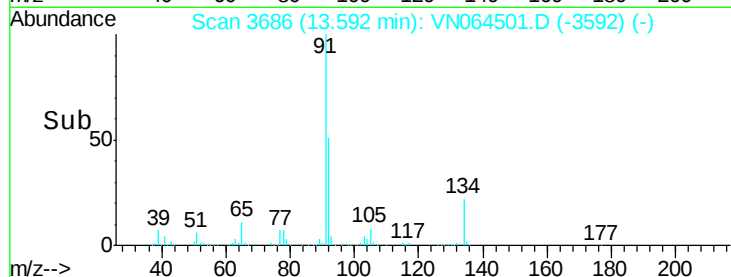
MMDadoda
11/9/2020 9:56:15 AM



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)
Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)
Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)

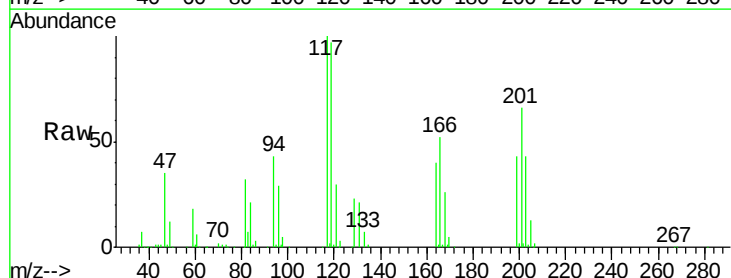


Time-->

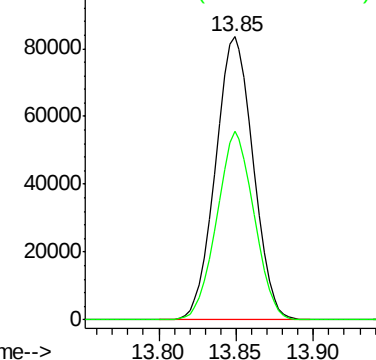


#90
Hexachloroethane
Concen: 52.259 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

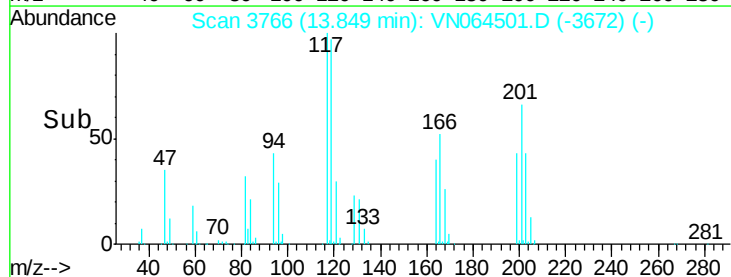
Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	32.5	97.5

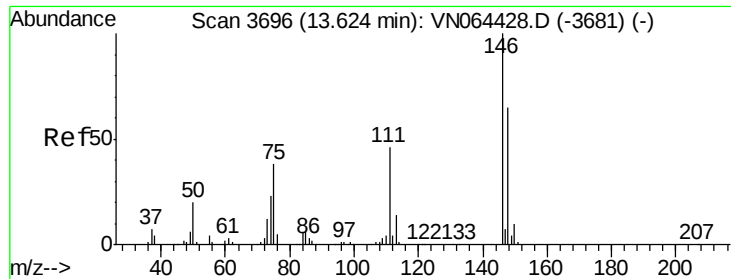


Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)
Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)



Time-->





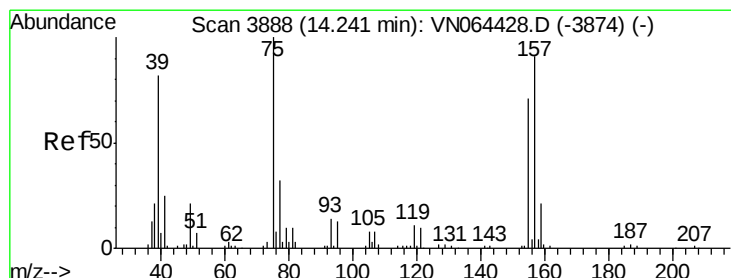
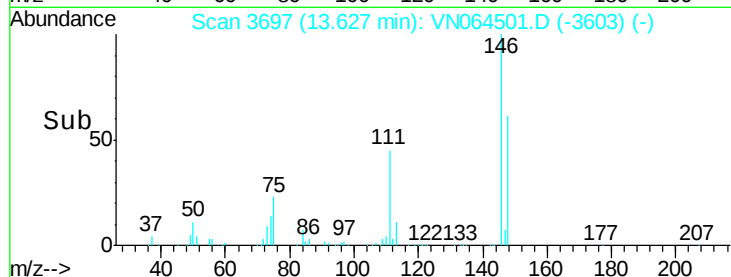
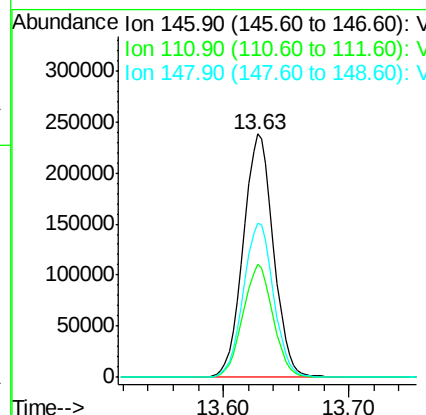
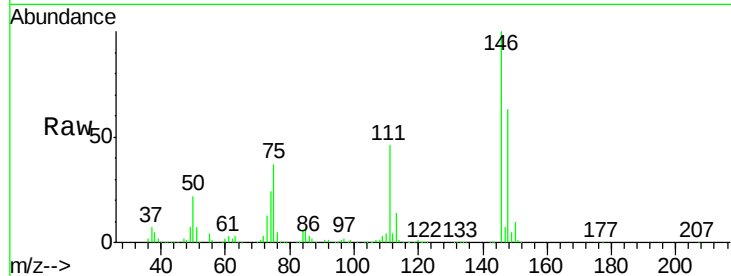
#91
 1,2-Dichlorobenzene
 Concen: 51.253 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	63.6	32.0	96.2

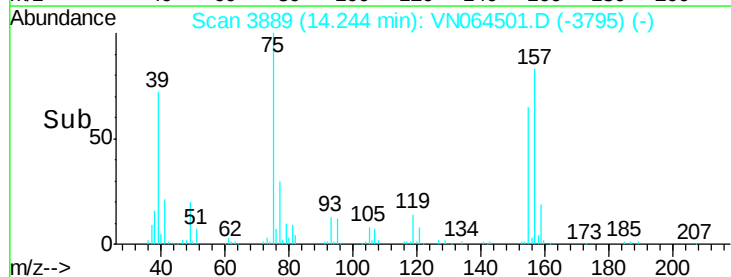
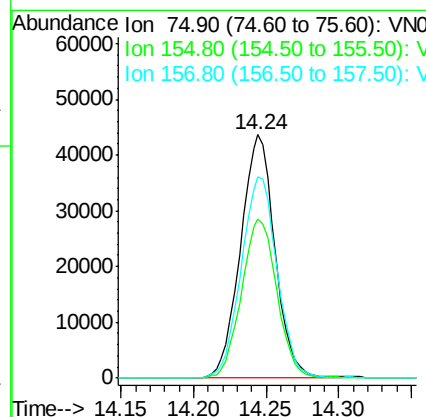
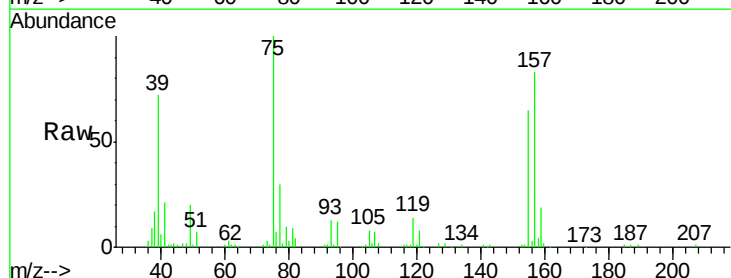
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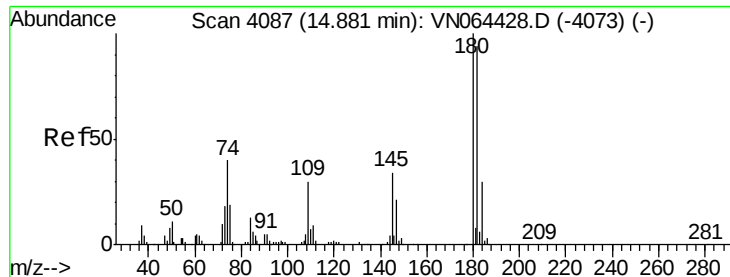
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.332 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.7	34.6	103.9
157	86.0	43.0	128.8





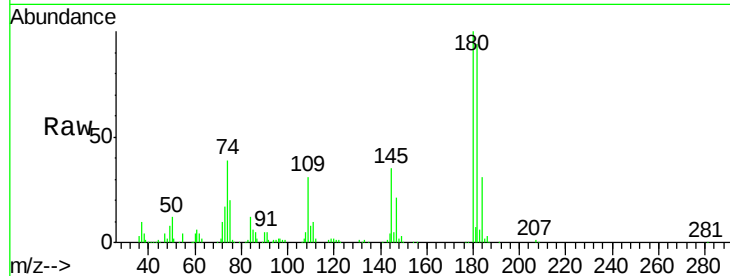
#93
1,2,4-Trichlorobenzene
Concen: 45.628 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

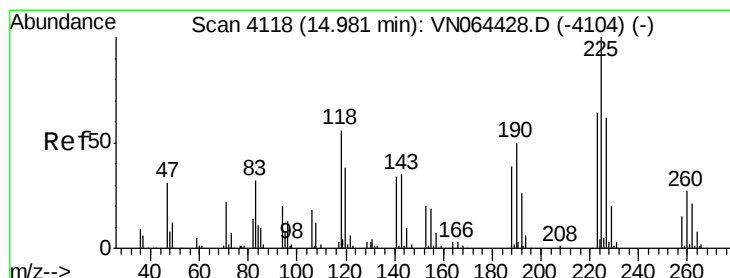
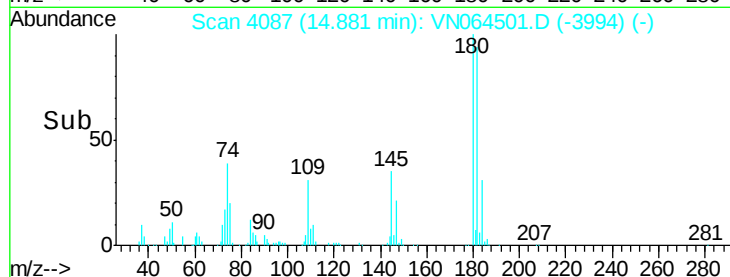
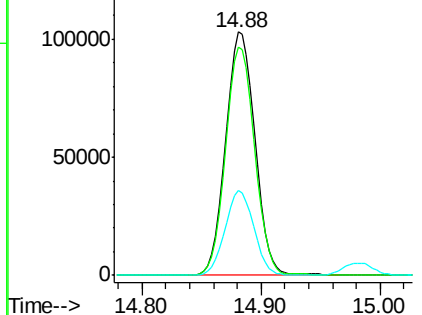
Tot Ion	Ratio	Resp	Lower	Upper
180	100	175796		
182	93.0	47.3	142.0	
145	34.3	16.7	50.1	

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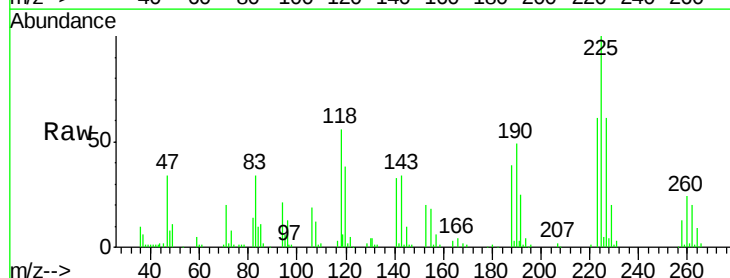


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

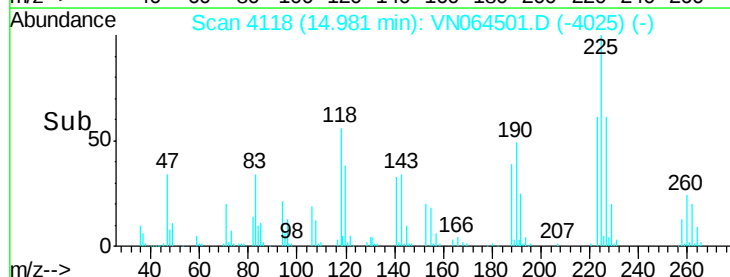
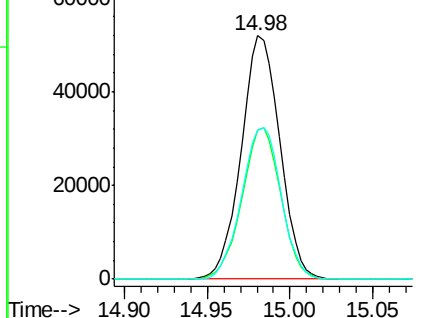


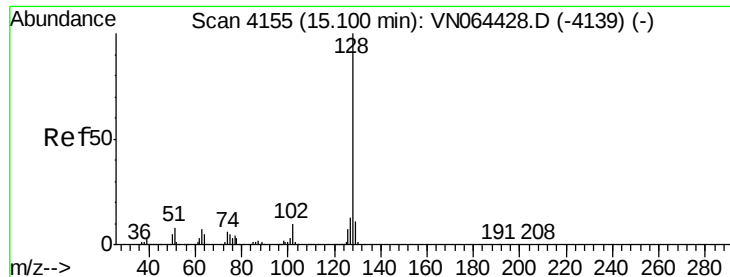
#94
Hexachlorobutadiene
Concen: 53.162 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84310		
223	62.1	31.8	95.4	
227	63.8	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





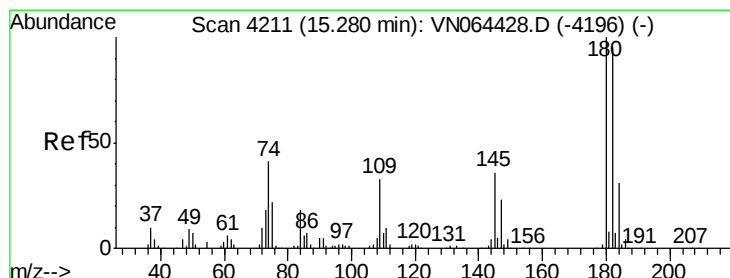
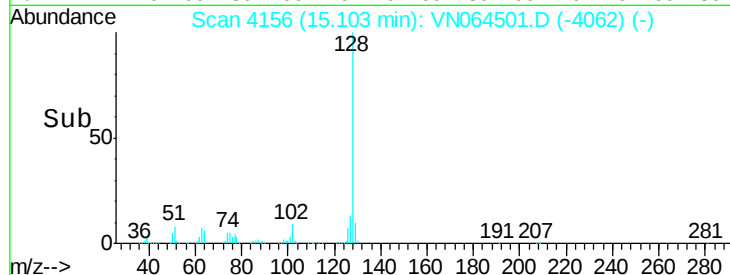
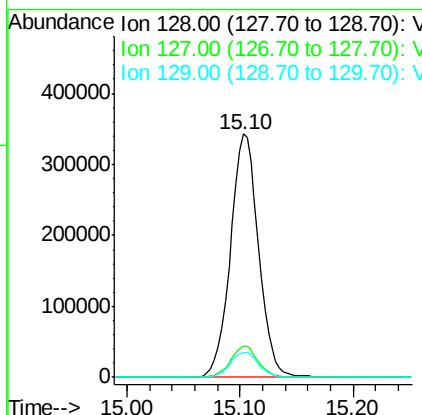
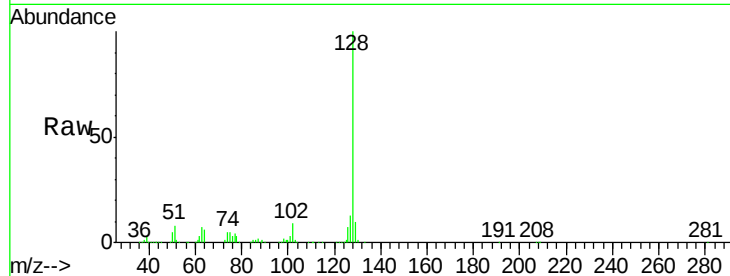
#95
Naphthalene
Concen: 45.053 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.4	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 47.244 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.7	143.1
145	35.4	18.3	54.8

