

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064543.D
 Acq On : 10 Nov 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:01:11 PM

Quant Time: Nov 11 03:40:32 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	328095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	588560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	261934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	268718	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.55	113	192987	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	723197	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	271098	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	206858	48.434	ug/l	98
3) Chloromethane	2.04	50	250067	48.204	ug/l	100
4) Vinyl Chloride	2.17	62	272381	51.130	ug/l	98
5) Bromomethane	2.53	94	170306	50.042	ug/l	100
6) Chloroethane	2.67	64	170889	50.103	ug/l	100
7) Trichlorofluoromethane	2.99	101	392246	50.003	ug/l	99
8) Diethyl Ether	3.38	74	139425	50.331	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	184292	49.473	ug/l	98
10) Methyl Iodide	3.91	142	217833	50.326	ug/l	99
11) Tert butyl alcohol	4.75	59	156499	248.318	ug/l	100
12) 1,1-Dichloroethene	3.69	96	175045	49.886	ug/l	97
13) Acrolein	3.57	56	145740	372.806	ug/l	99
14) Allyl chloride	4.27	41	331779	48.335	ug/l	99
15) Acrylonitrile	4.94	53	478837	272.896	ug/l	99
16) Acetone	3.78	43	439460	201.873	ug/l	100
17) Carbon Disulfide	4.01	76	509483	48.553	ug/l	100
18) Methyl Acetate	4.29	43	247282	57.779	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	636028	50.363	ug/l	98
20) Methylene Chloride	4.51	84	213468	49.423	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	198681	49.869	ug/l	98
22) Diisopropyl ether	5.91	45	741291	50.876	ug/l	97
23) Vinyl Acetate	5.85	43	3043178	256.737	ug/l	99
24) 1,1-Dichloroethane	5.80	63	401672	50.167	ug/l	100
25) 2-Butanone	6.79	43	675402	243.503	ug/l	98
26) 2,2-Dichloropropane	6.78	77	306551	42.295	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	235775	51.072	ug/l	94
28) Bromochloromethane	7.15	49	191833	48.743	ug/l	99
29) Tetrahydrofuran	7.17	42	448330	263.456	ug/l	99
30) Chloroform	7.33	83	428666	50.933	ug/l	98
31) Cyclohexane	7.62	56	319758	46.028	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	378470	50.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	304582	48.986	ug/l	98
37) Ethyl Acetate	6.89	43	295939	46.943	ug/l	99
38) Carbon Tetrachloride	7.74	117	332873	50.092	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272430	48.877	ug/l	99
40) Benzene	8.00	78	912567	49.947	ug/l	98
41) Methacrylonitrile	7.13	41	133622	48.473	ug/l	93
42) 1,2-Dichloroethane	8.09	62	370882	50.300	ug/l	98
43) Isopropyl Acetate	8.13	43	508608	50.475	ug/l	100
44) Trichloroethene	8.80	130	228487	49.566	ug/l	99
45) 1,2-Dichloropropane	9.09	63	247738	50.817	ug/l	99
46) Dibromomethane	9.18	93	163309	50.887	ug/l	99
47) Bromodichloromethane	9.37	83	351535	50.944	ug/l	99
48) Methyl methacrylate	9.17	41	264037	51.929	ug/l	99
49) 1,4-Dioxane	9.17	88	69819	1042.530	ug/l	100
51) 4-Methyl-2-Pentanone	9.96	43	1552399	264.183	ug/l	99
52) Toluene	10.13	92	561196	50.360	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	365983	50.027	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	391303	50.028	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	222101	51.105	ug/l	97
56) Ethyl methacrylate	10.40	69	333289	46.736	ug/l	97
57) 1,3-Dichloropropane	10.68	76	392702	51.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	859179	253.923	ug/l	98
59) 2-Hexanone	10.72	43	1119247	233.844	ug/l	100
60) Dibromochloromethane	10.87	129	258840	53.196	ug/l	100
61) 1,2-Dibromoethane	10.98	107	231463	52.507	ug/l	100
64) Tetrachloroethene	10.60	164	201198	47.206	ug/l	97
65) Chlorobenzene	11.41	112	593822	48.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	234170	51.748	ug/l	99
67) Ethyl Benzene	11.49	91	1094158	50.712	ug/l	100
68) m/p-Xylenes	11.59	106	811013	103.648	ug/l	99
69) o-Xylene	11.92	106	385338	50.963	ug/l	98
70) Styrene	11.94	104	678759	53.348	ug/l	99
71) Bromoform	12.10	173	169716	49.950	ug/l #	98
73) Isopropylbenzene	12.23	105	1020638	49.024	ug/l	99
74) N-amyl acetate	12.04	43	457317	45.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	320187	50.071	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	301919m	47.573	ug/l	
77) Bromobenzene	12.50	156	243869	47.978	ug/l	100
78) n-propylbenzene	12.57	91	1178822	49.665	ug/l	99
79) 2-Chlorotoluene	12.65	91	732798	48.677	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	855457	49.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	104792	46.103	ug/l	95
82) 4-Chlorotoluene	12.75	91	765971	48.585	ug/l	98
83) tert-Butylbenzene	12.97	119	677773	50.527	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	878218	50.864	ug/l	99
85) sec-Butylbenzene	13.15	105	871697	51.310	ug/l	99
86) p-Isopropyltoluene	13.26	119	799396	52.313	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	433360	49.321	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	436380	48.059	ug/l	98
89) n-Butylbenzene	13.59	91	667888	50.834	ug/l	100
90) Hexachloroethane	13.85	117	153883	52.203	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	441515	52.239	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66939	52.577	ug/l	97

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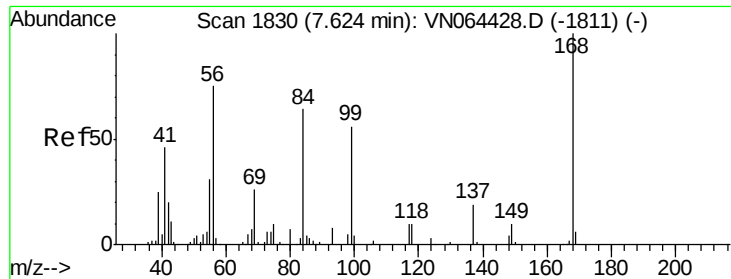
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192544	46.033	ug/l	99
94) Hexachlorobutadiene	14.98	225	91023	52.896	ug/l	100
95) Naphthalene	15.10	128	631281	44.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193430	47.704	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 328095

Ion Ratio Lower Upper

168 100

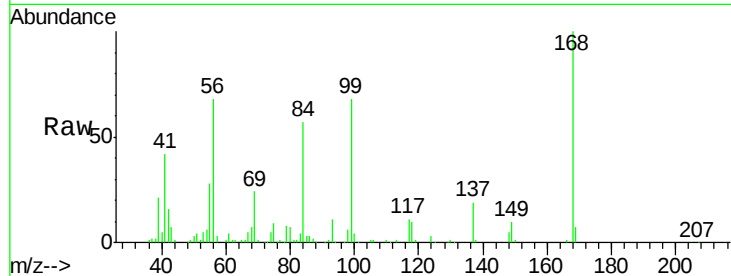
99 68.1 53.4 80.2

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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

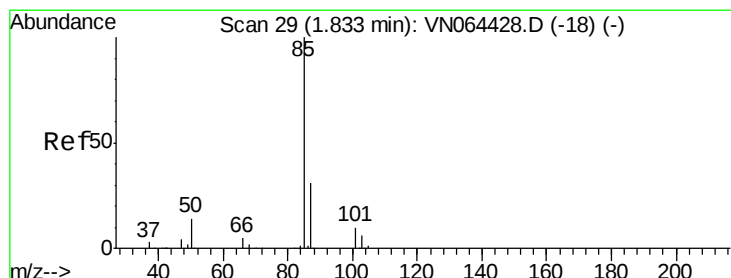
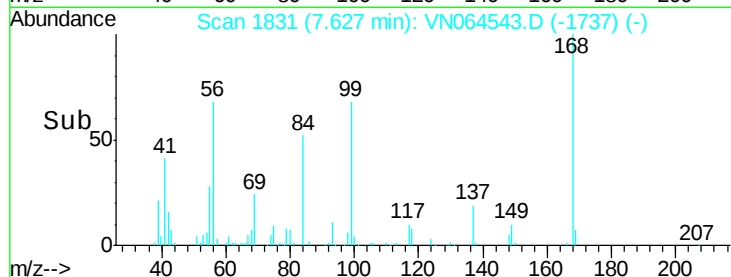
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.434 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064543.D

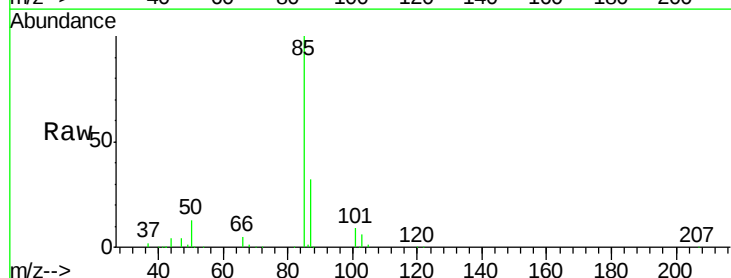
Acq: 10 Nov 2020 22:14

Tgt Ion: 85 Resp: 206858

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

150000

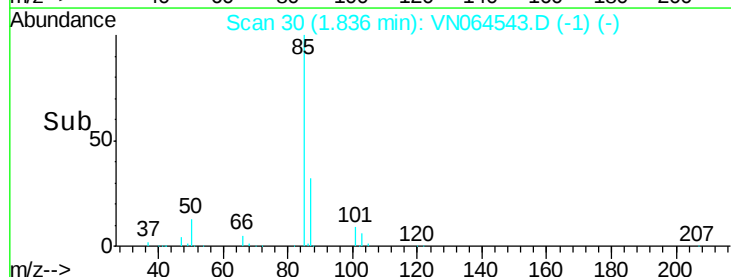
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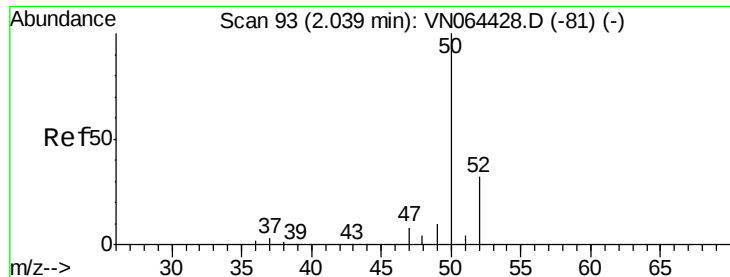
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.204 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 250067

Ion Ratio Lower Upper

50 100

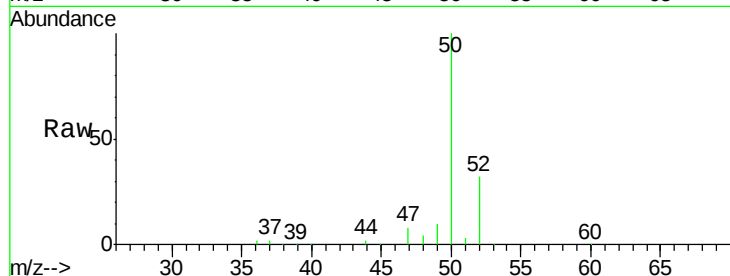
52 31.9 25.3 37.9

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

200000

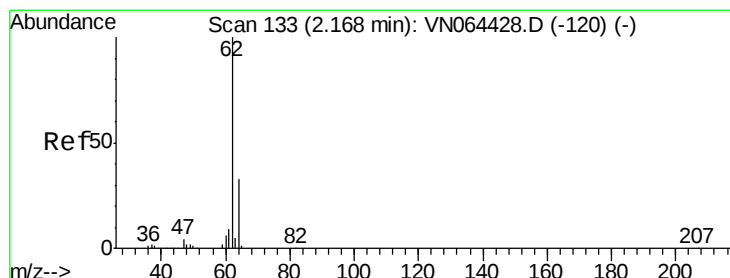
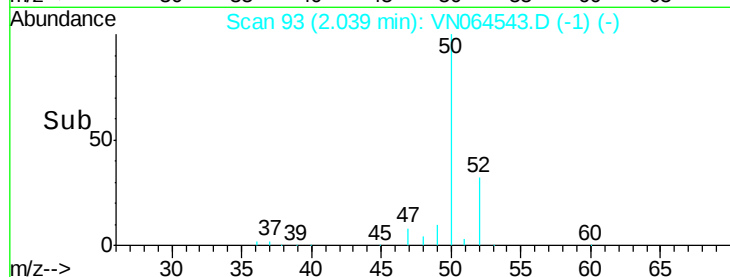
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.130 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064543.D

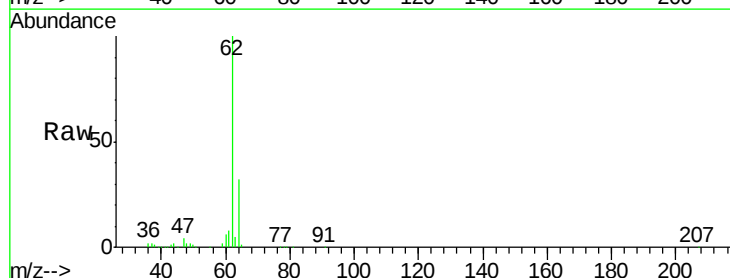
Acq: 10 Nov 2020 22:14

Tgt Ion: 62 Resp: 272381

Ion Ratio Lower Upper

62 100

64 31.6 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

200000

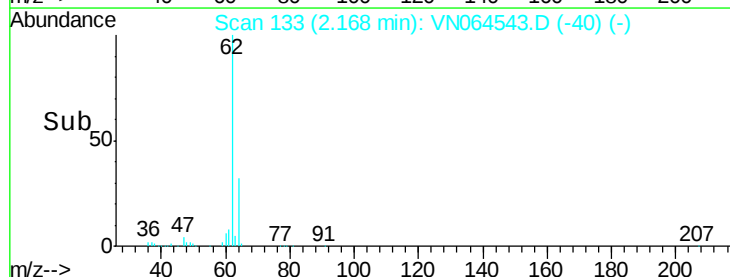
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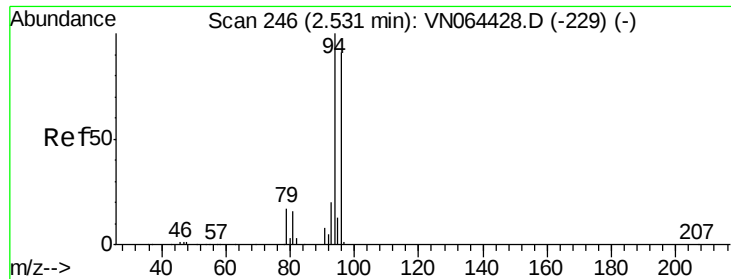
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.042 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 170306

Ion Ratio Lower Upper

94 100

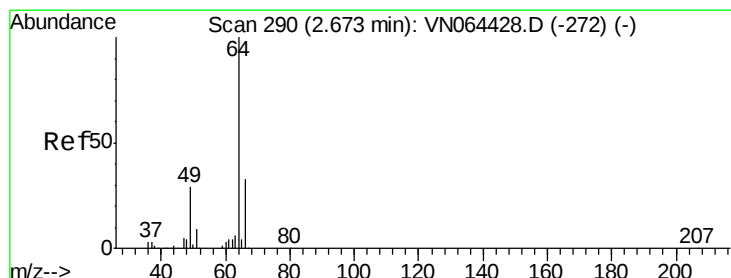
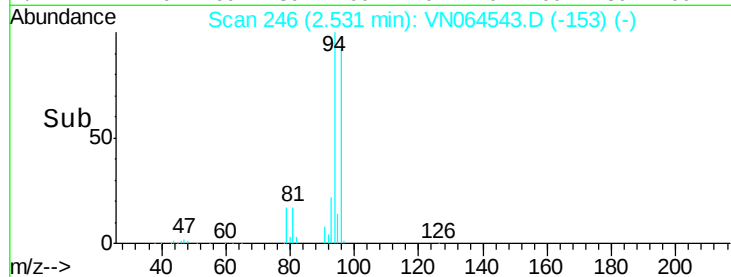
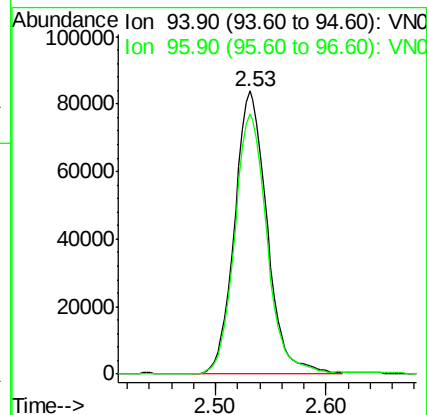
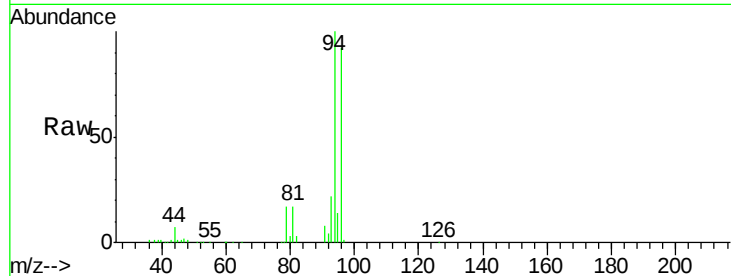
96 91.8 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 50.103 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064543.D

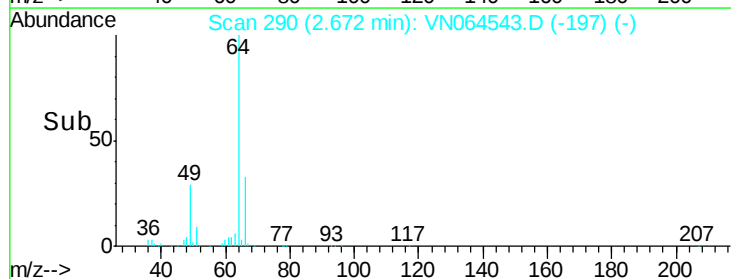
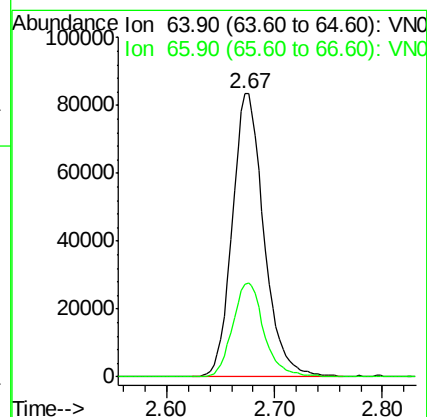
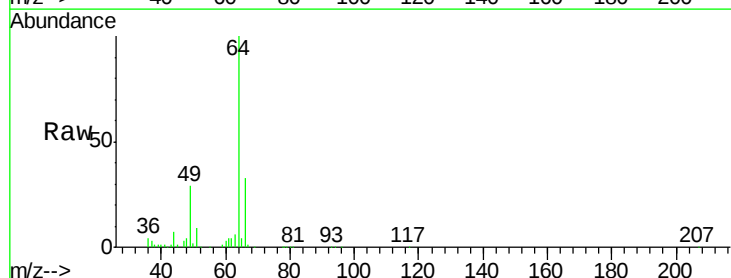
Acq: 10 Nov 2020 22:14

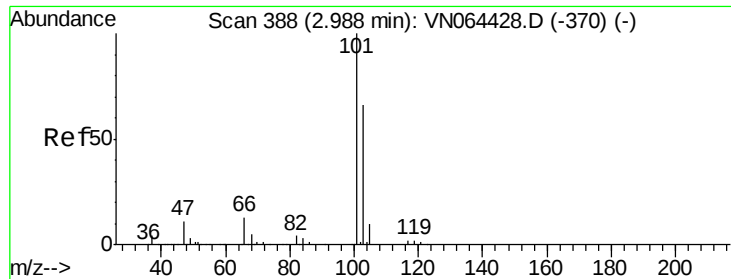
Tgt Ion: 64 Resp: 170889

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1





#7

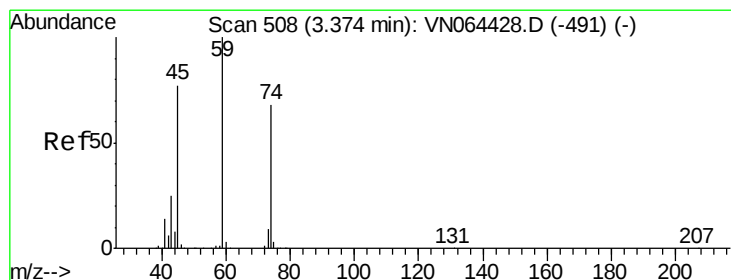
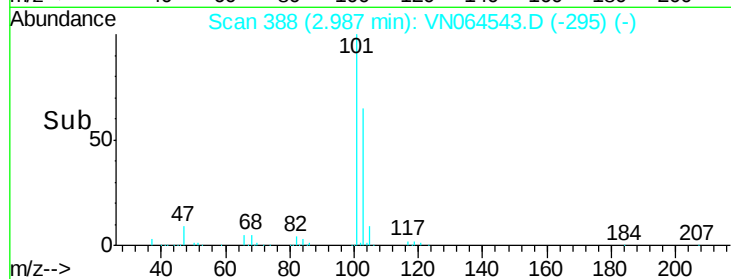
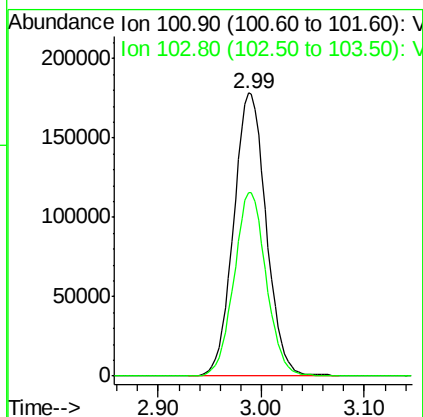
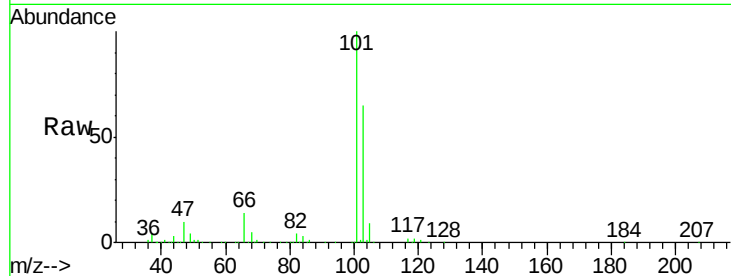
Trichlorofluoromethane
 Concen: 50.003 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.4	78.6

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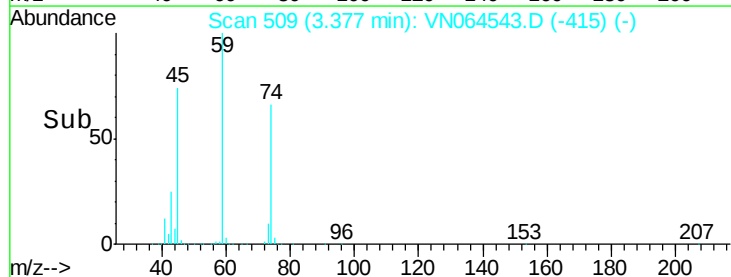
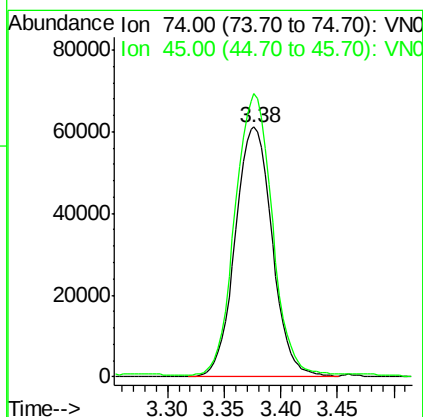
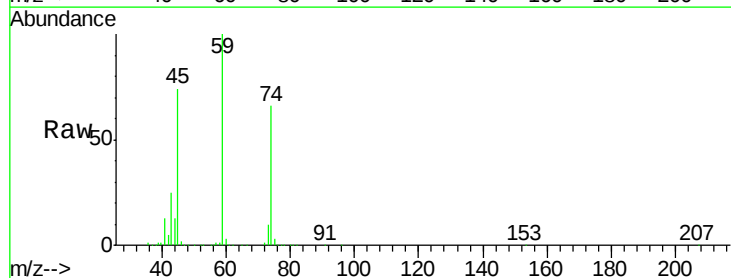
MMDadoda
 11/11/2020 1:01:11 PM

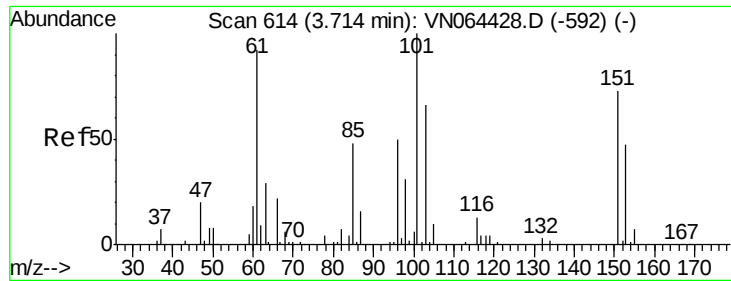


#8

Diethyl Ether
 Concen: 50.331 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.9	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.473 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

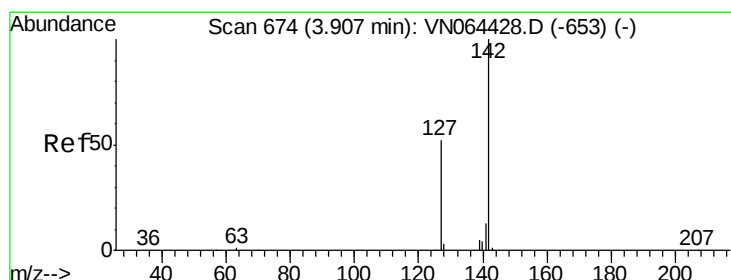
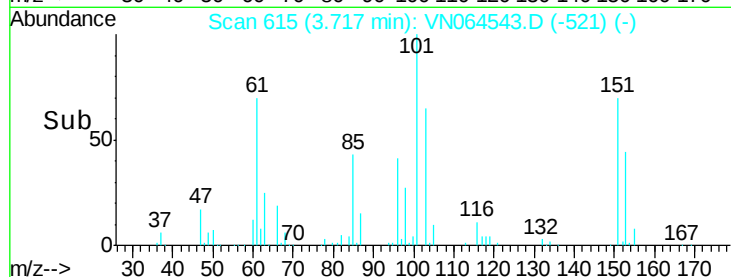
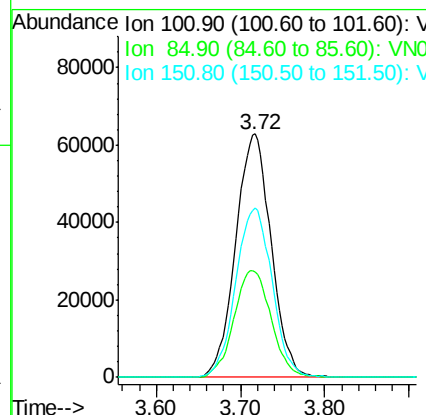
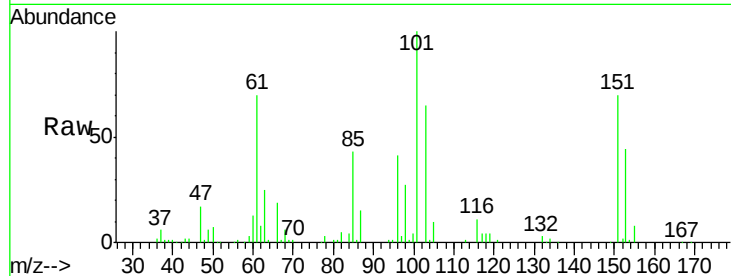
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	184292
Ion Ratio	Lower	Upper	
101	100		
85	46.0	38.6	57.8
151	71.1	57.5	86.3

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11/11/2020 1:01:11 PM



#10

Methyl Iodide

Concen: 50.326 ug/l

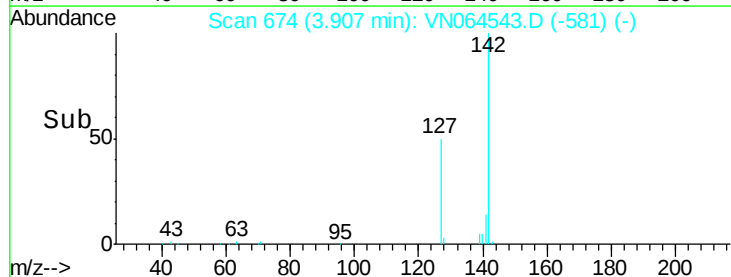
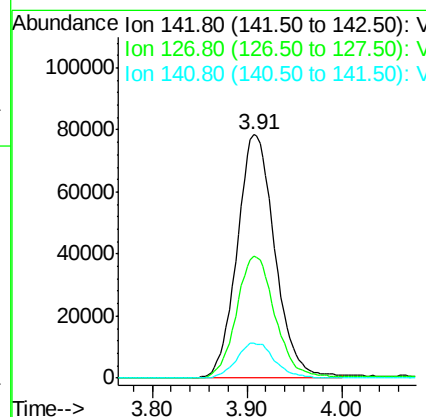
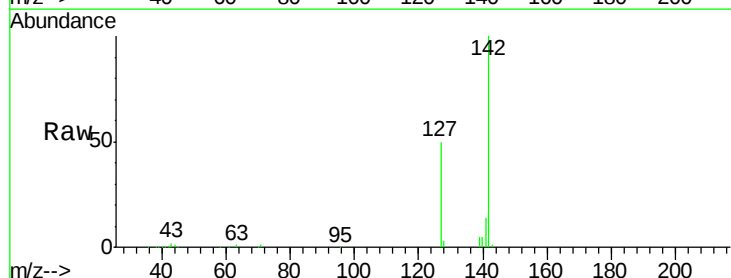
RT: 3.91 min Scan# 674

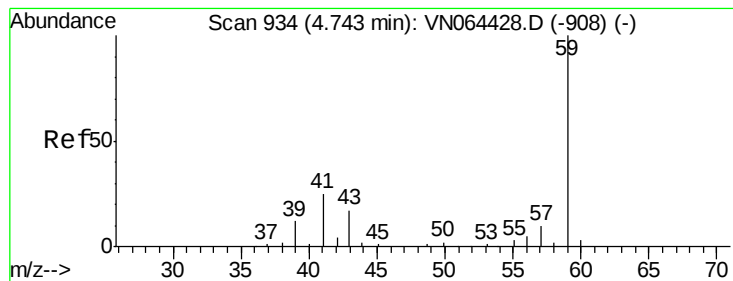
Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion:	142	Resp:	217833
Ion Ratio	Lower	Upper	
142	100		
127	51.4	41.8	62.8
141	14.7	11.4	17.2





#11

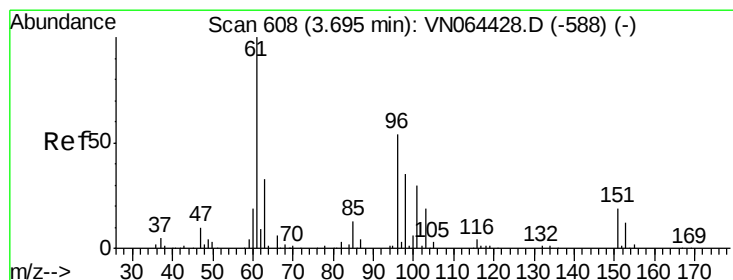
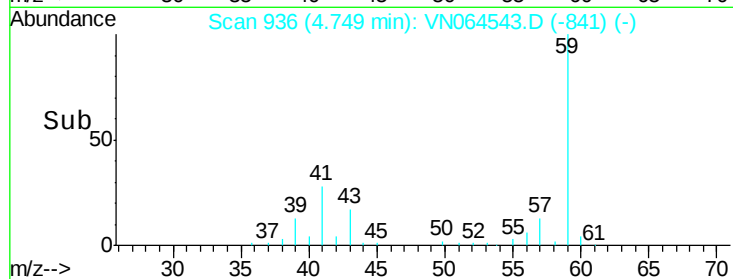
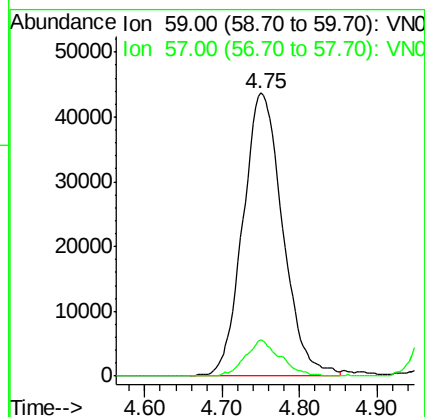
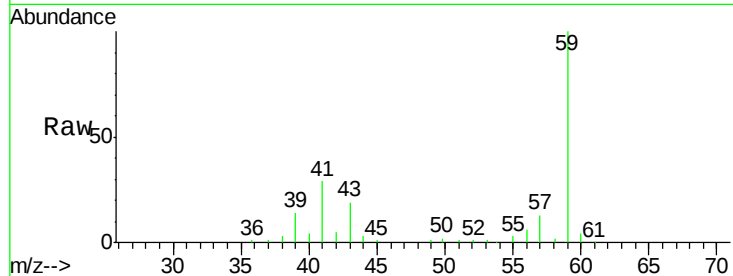
Tert butyl alcohol
 Concen: 248.318 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 156499
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

Manual Integrations
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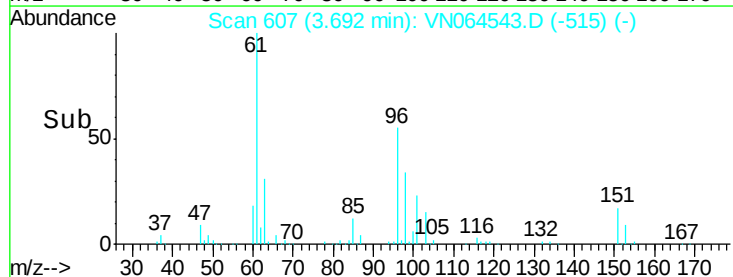
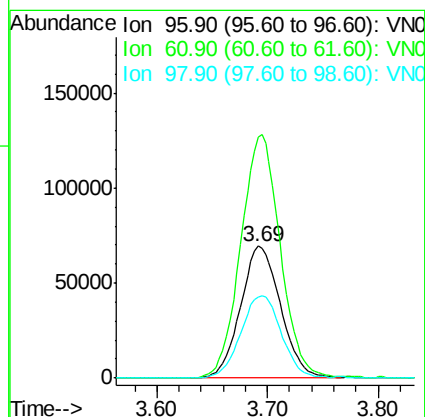
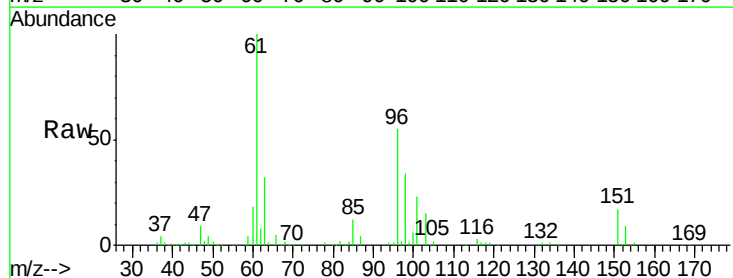
MMDadoda
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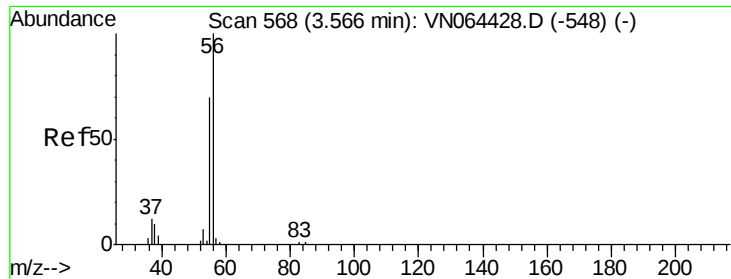


#12

1,1-Dichloroethene
 Concen: 49.886 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 96 Resp: 175045
 Ion Ratio Lower Upper
 96 100
 61 182.8 149.5 224.3
 98 61.6 52.4 78.6





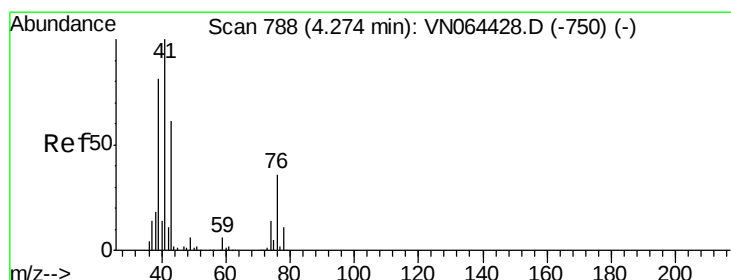
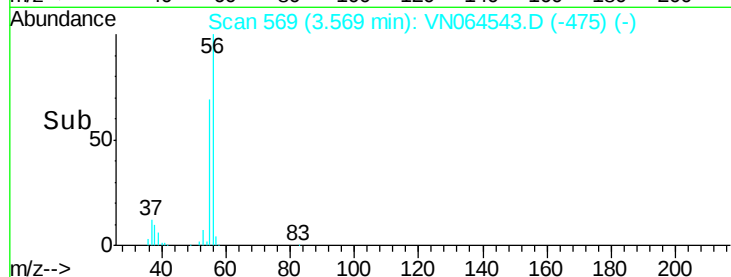
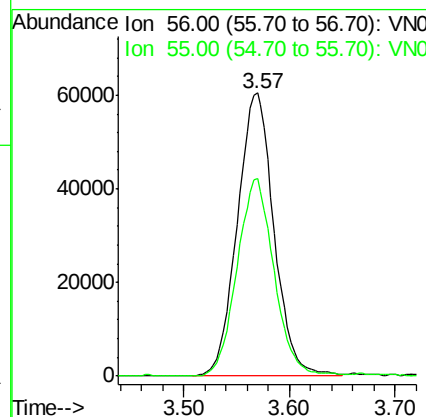
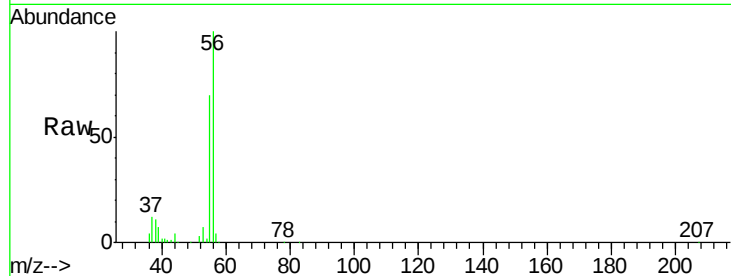
#13
Acrolein
Concen: 372.806 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	145740
Ion Ratio	Lower	Upper	
56	100		
55	70.3	55.9	83.9

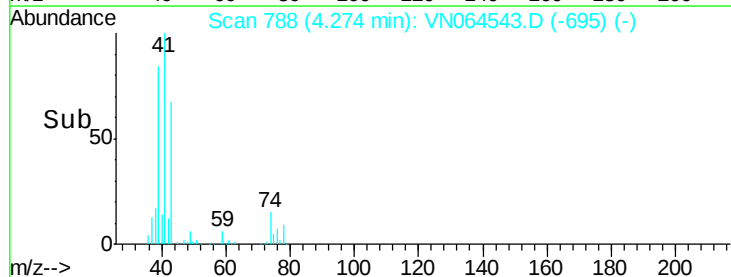
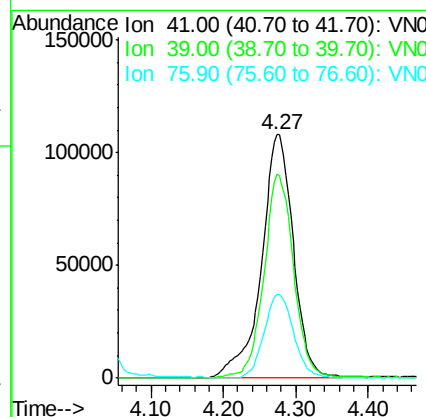
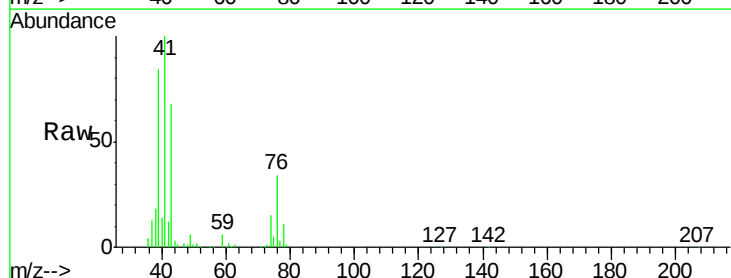
Manual Integrations
APPROVED

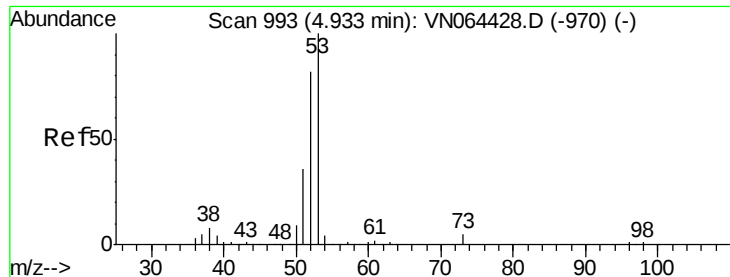
MMDadoda
11/11/2020 1:01:11 PM



#14
Allyl chloride
Concen: 48.335 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	41	Resp	331779
Ion Ratio	Lower	Upper	
41	100		
39	78.0	61.8	92.8
76	31.1	25.4	38.0





#15

Acrylonitrile

Concen: 272.896 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

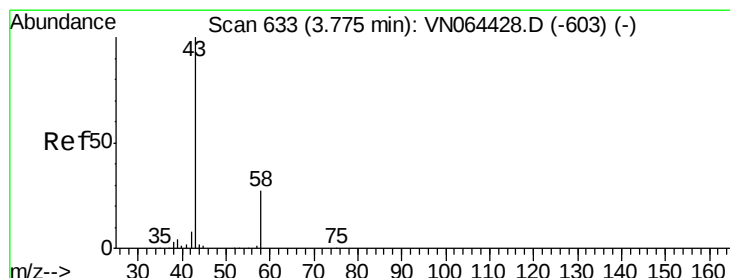
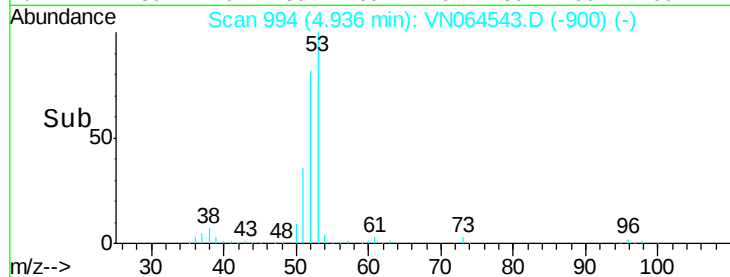
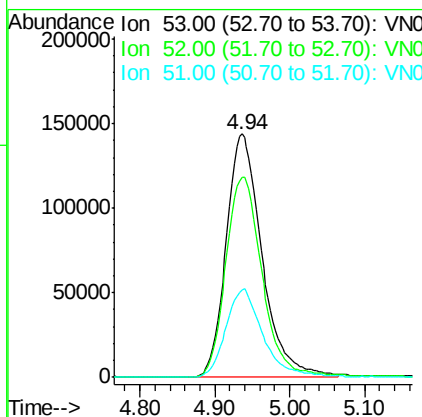
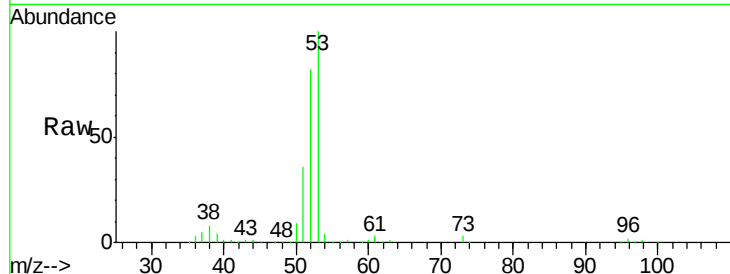
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	478837
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.6	98.4
51	37.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 201.873 ug/l

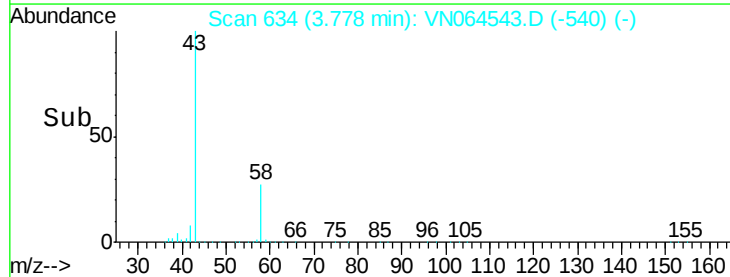
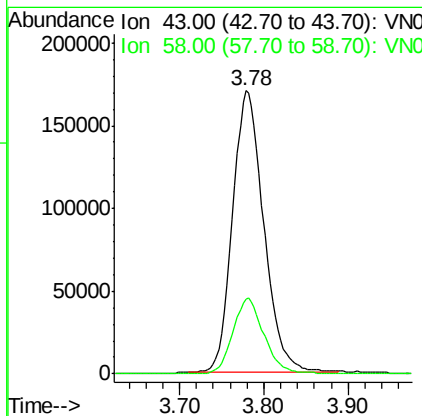
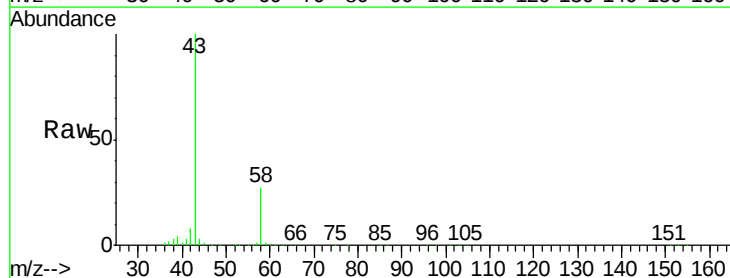
RT: 3.78 min Scan# 634

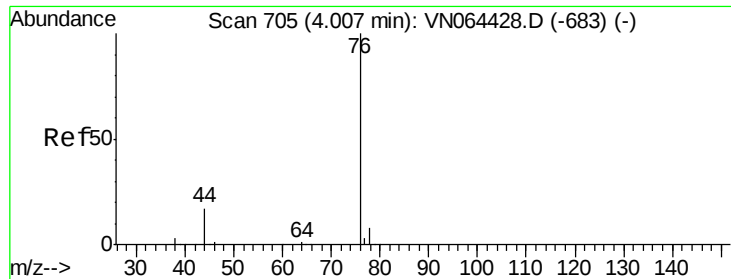
Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion:	43	Resp:	439460
Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.4	32.0





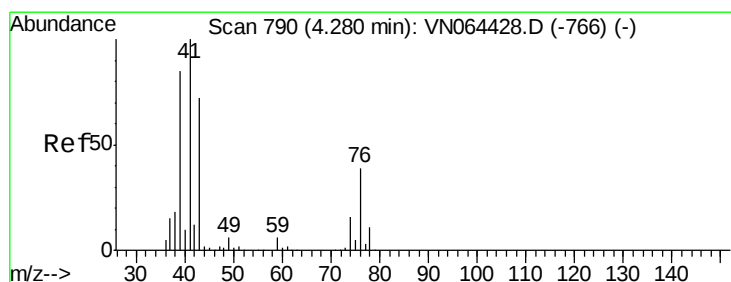
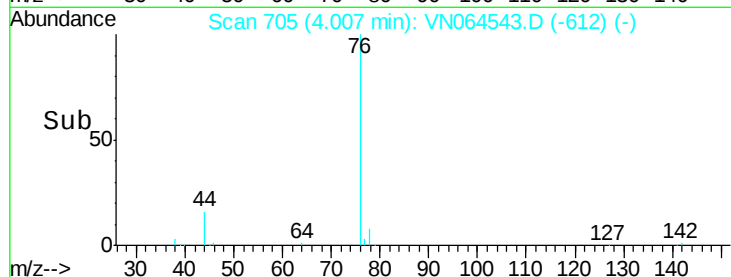
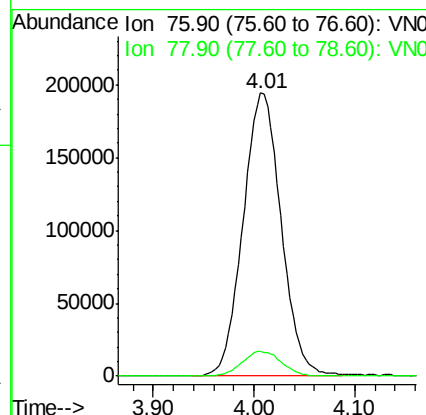
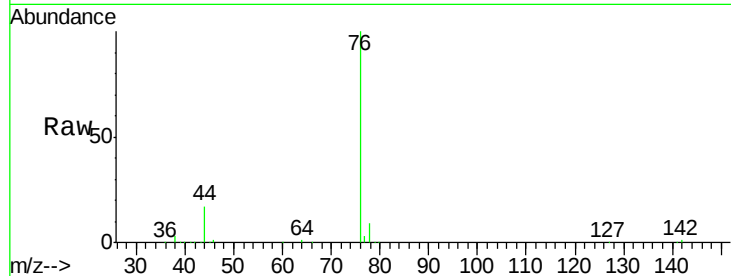
#17
Carbon Disulfide
Concen: 48.553 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

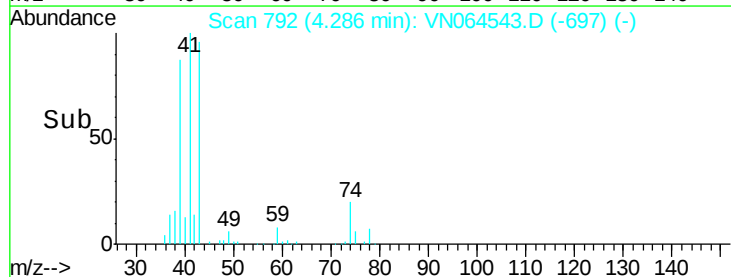
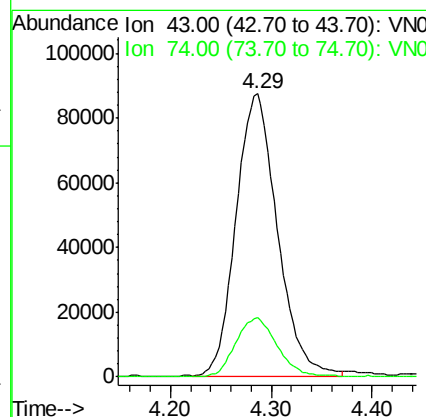
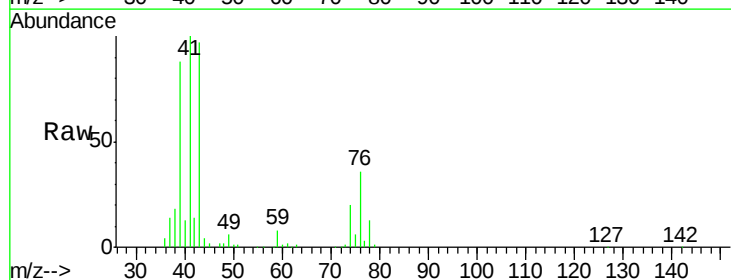
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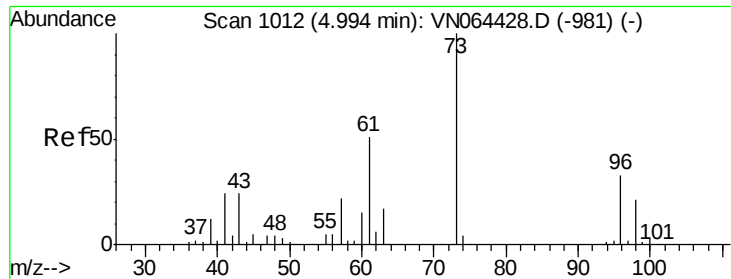
MMDadoda
11/11/2020 1:01:11 PM



#18
Methyl Acetate
Concen: 57.779 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.0	25.4





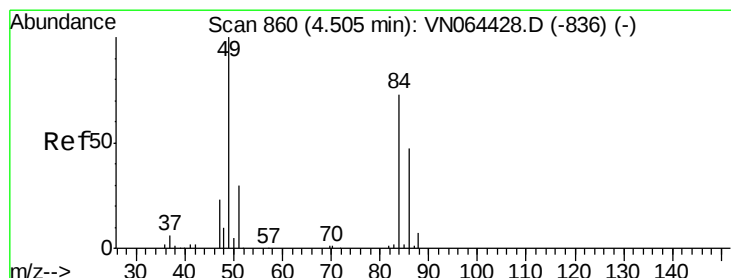
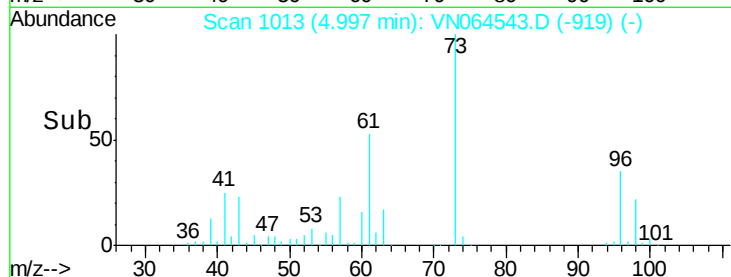
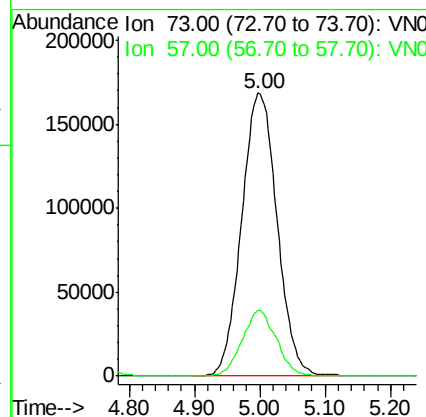
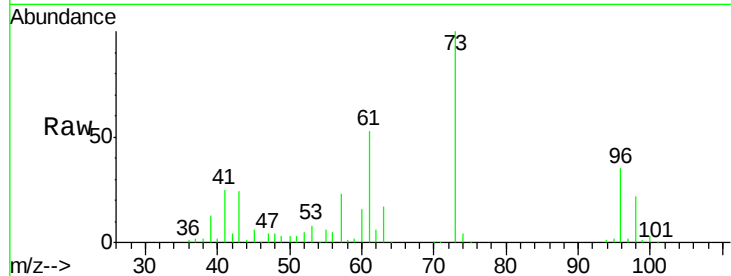
#19
Methvl tert-butvl Ether
Concen: 50.363 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 636028
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5

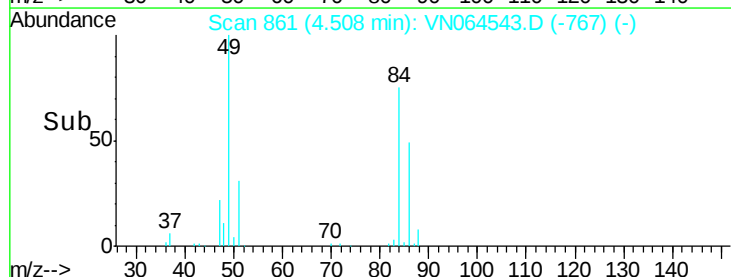
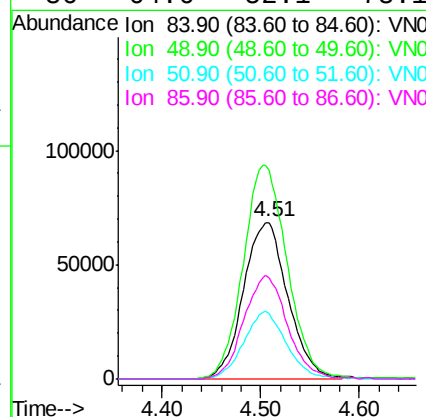
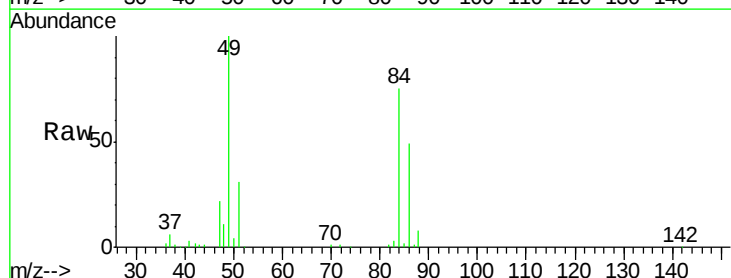
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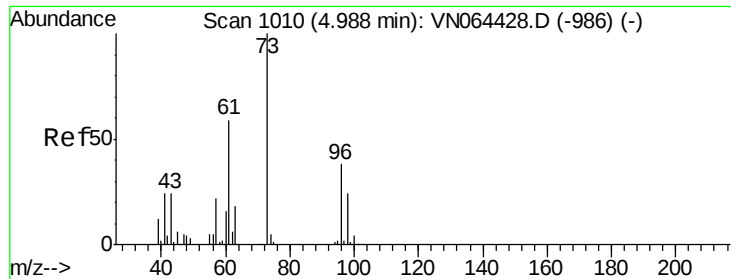
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#20
Methylene Chloride
Concen: 49.423 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 84 Resp: 213468
Ion Ratio Lower Upper
84 100
49 132.8 110.1 165.1
51 41.5 33.6 50.4
86 64.6 52.1 78.1





#21

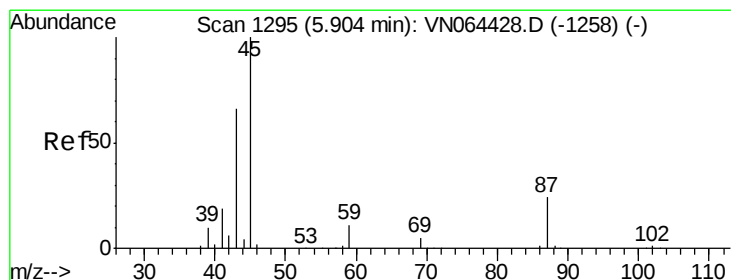
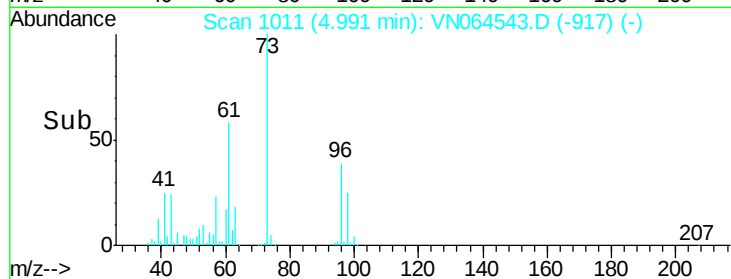
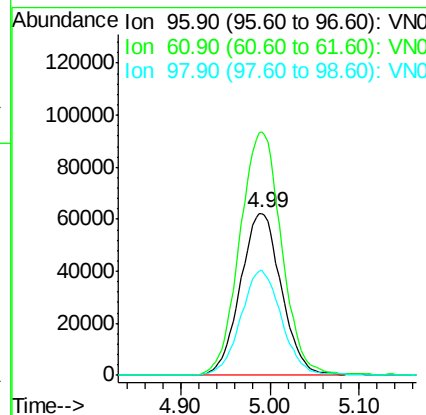
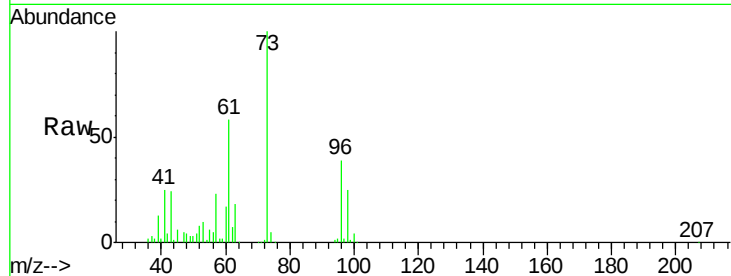
trans-1,2-Dichloroethene
Concen: 49.869 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.1	122.4	183.6
98	64.9	50.4	75.6

Manual Integrations
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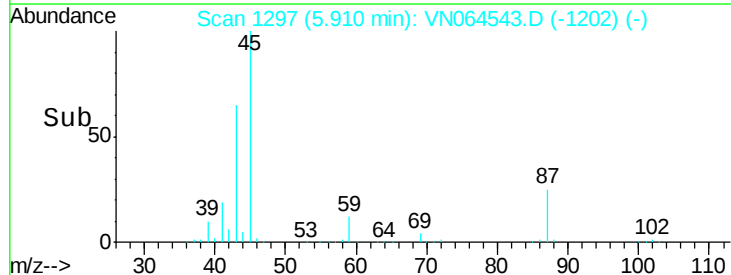
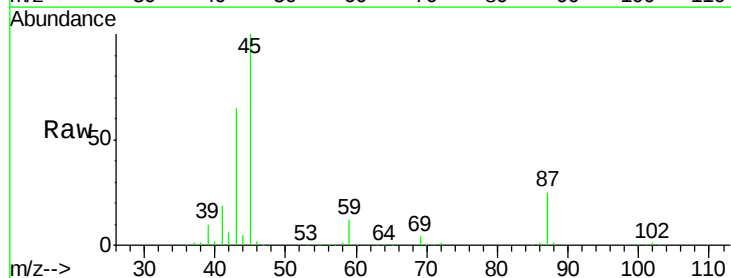
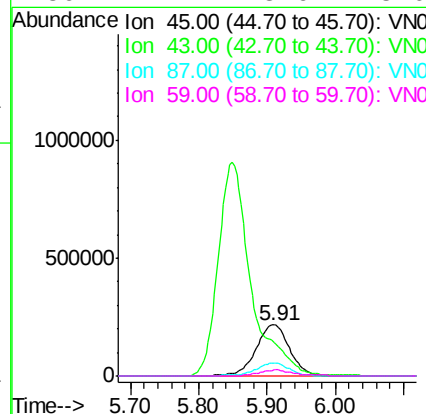
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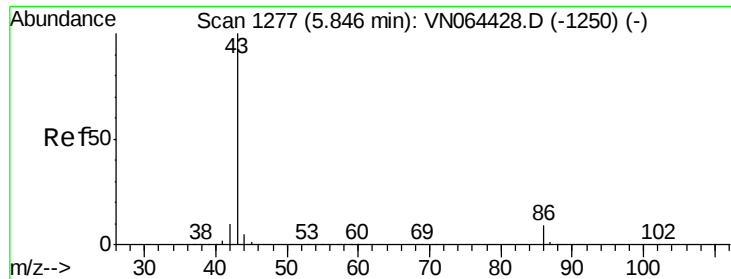


#22

Diisopropyl ether
Concen: 50.876 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.5	53.2	79.8
87	24.9	19.9	29.9
59	11.2	8.6	13.0





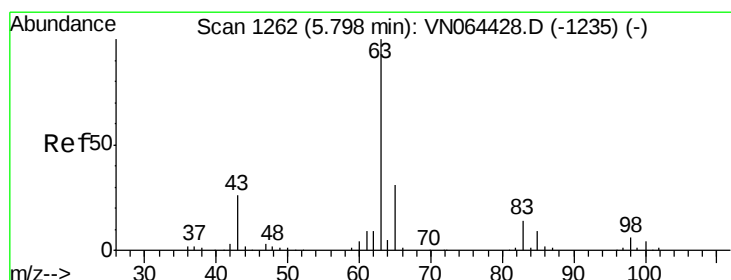
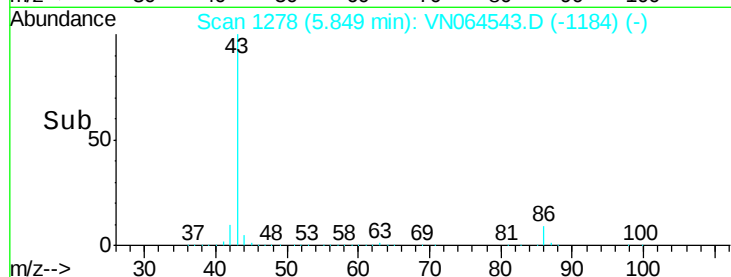
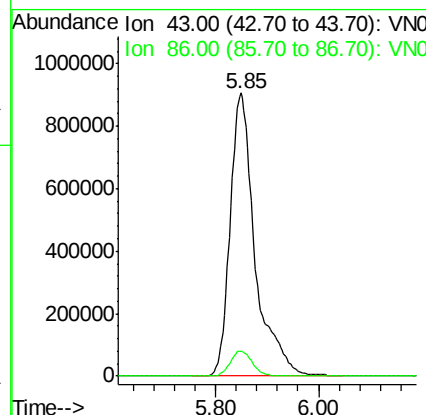
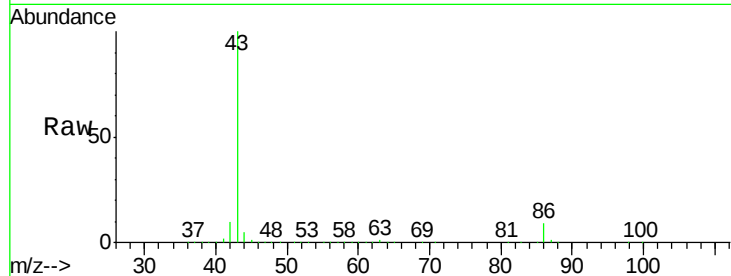
#23
 Vinyl Acetate
 Concen: 256.737 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3043178
 Ion Ratio Lower Upper
 43 100
 86 8.9 6.8 10.2

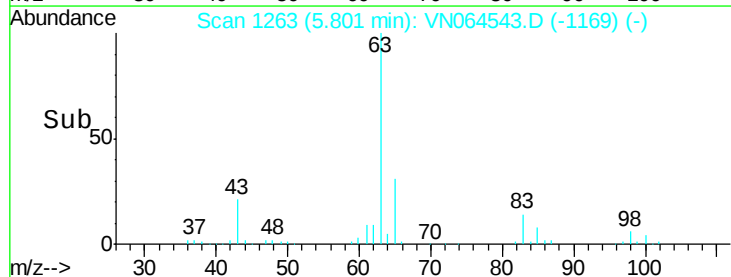
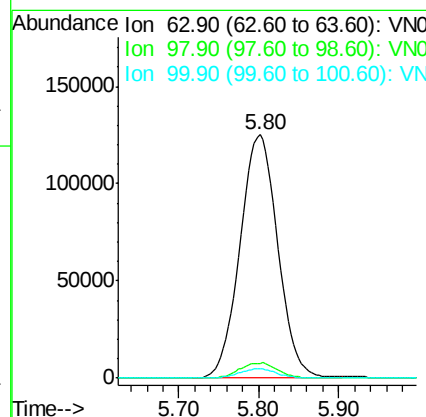
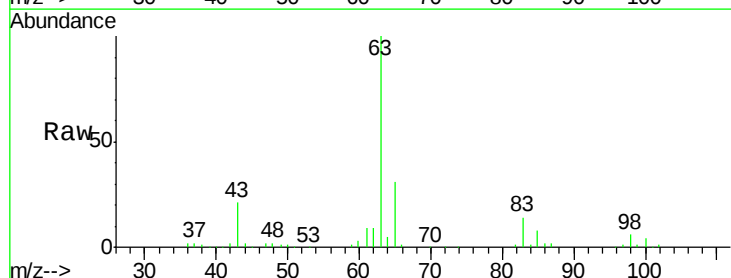
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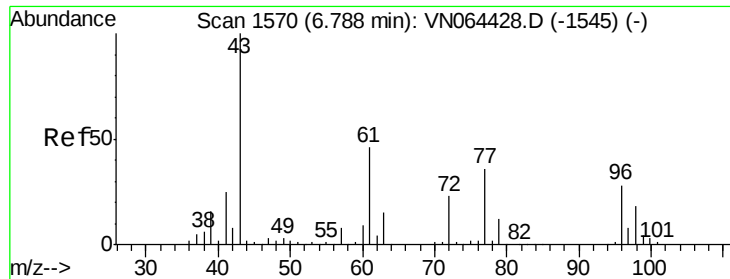
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#24
 1,1-Dichloroethane
 Concen: 50.167 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 63 Resp: 401672
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.8 1.8 5.3





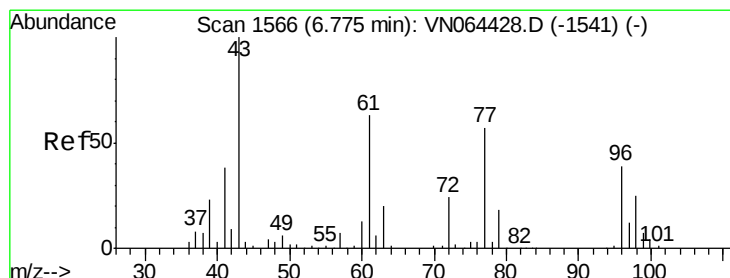
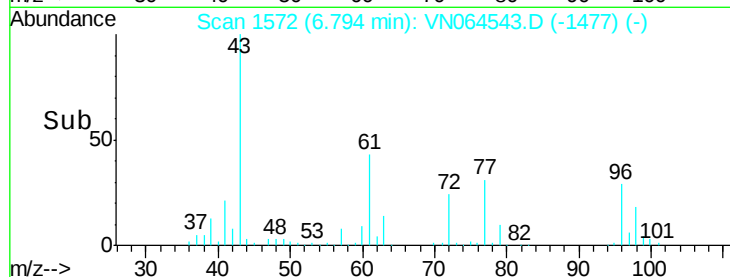
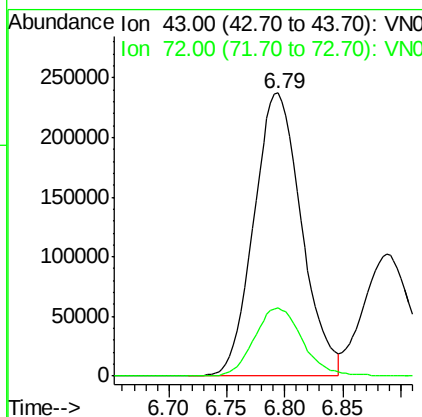
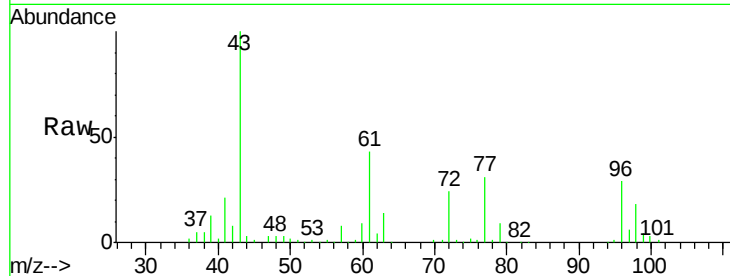
#25
2-Butanone
Concen: 243.503 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 675402
Ion Ratio Lower Upper
43 100
72 24.0 18.5 27.7

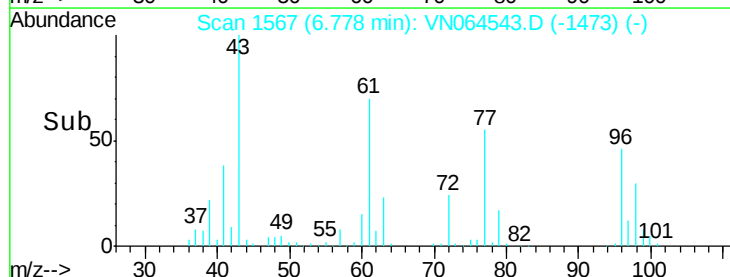
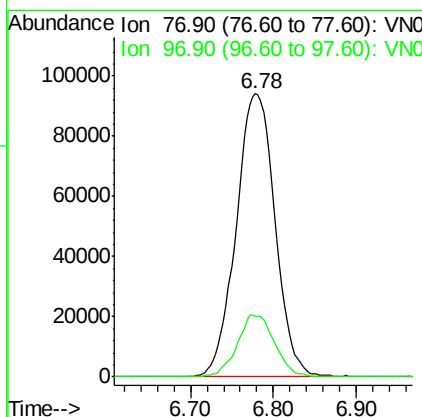
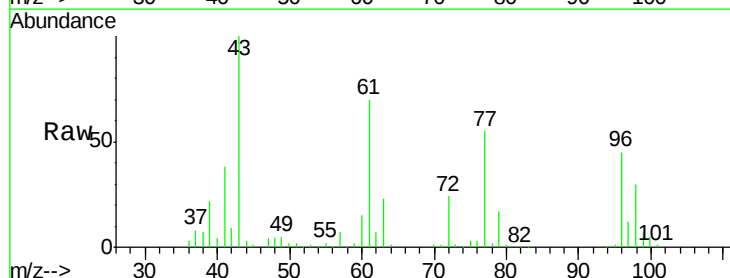
Manual Integrations
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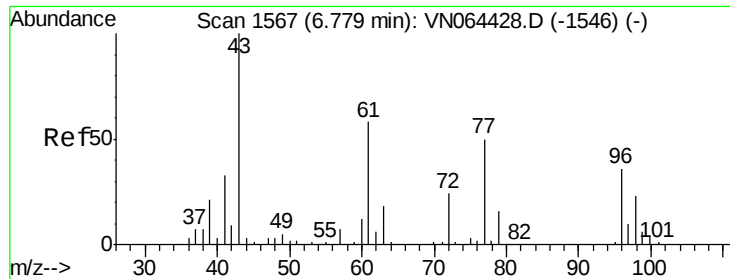
MMDadoda
11/11/2020 1:01:11 PM



#26
2,2-Dichloropropane
Concen: 42.295 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 77 Resp: 306551
Ion Ratio Lower Upper
77 100
97 21.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 51.072 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tot Ion	96	Resp	235775
Ion Ratio	Lower	Upper	
96	100		
61	154.4	0.0	329.6
98	63.3	0.0	131.2

Instrument :

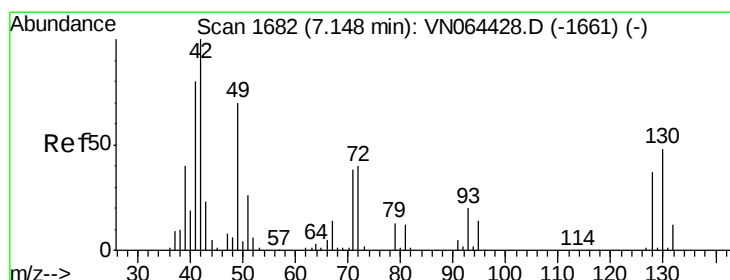
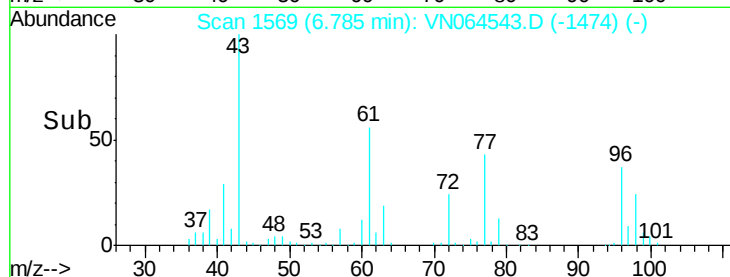
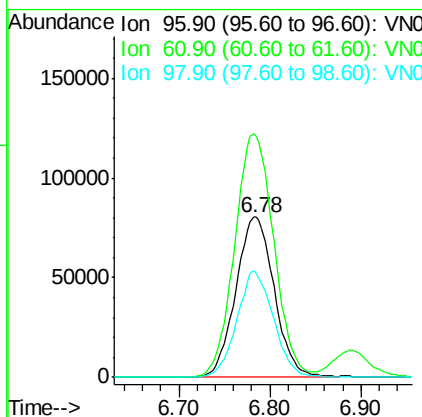
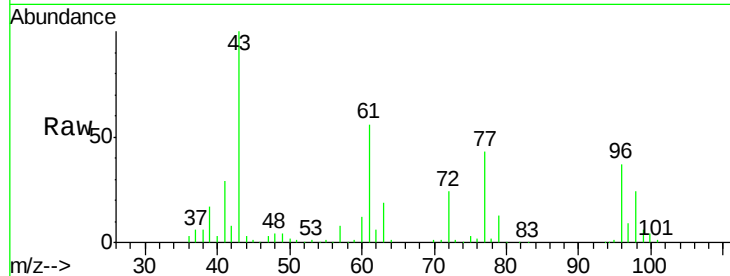
MSVOA_N

ClientSampleId :

VSTDCCC050EC

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#28

Bromochloromethane

Concen: 48.743 ug/l

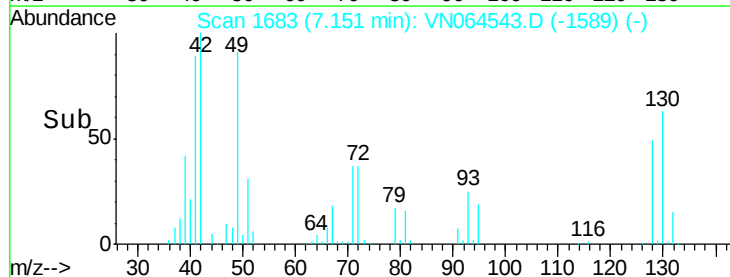
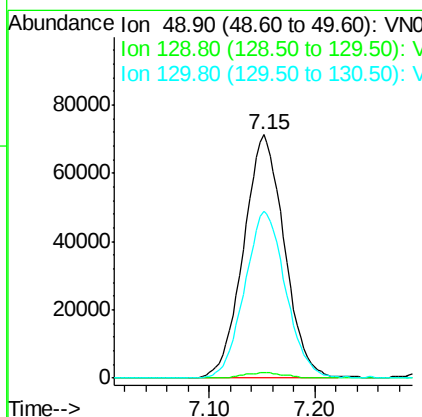
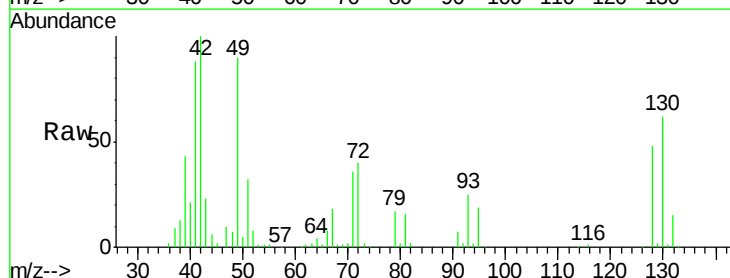
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion	49	Resp	191833
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.6
130	68.9	54.2	81.4





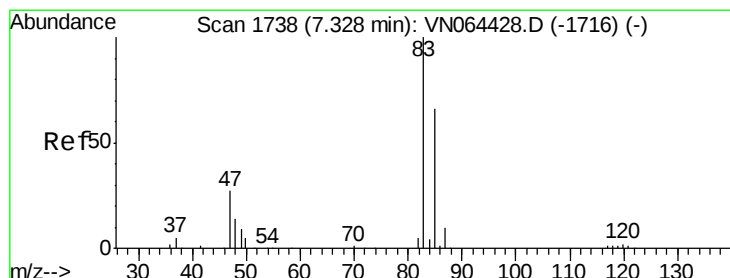
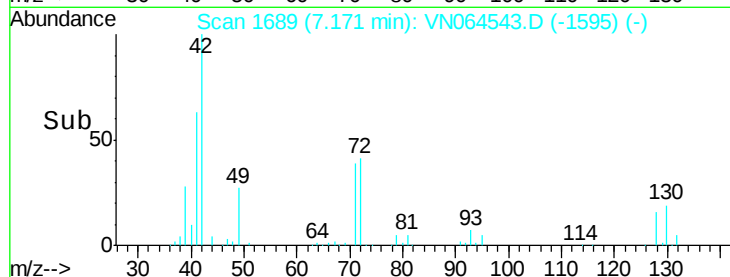
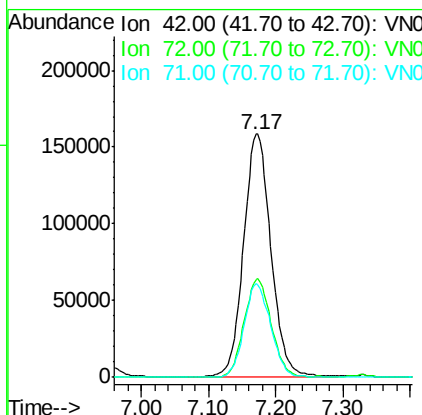
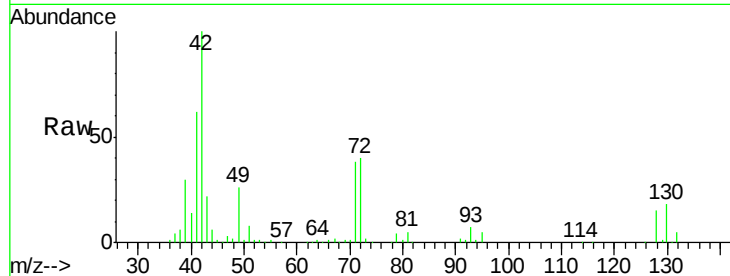
#29
Tetrahydrofuran
Concen: 263.456 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.7	47.5
71	37.5	29.8	44.6

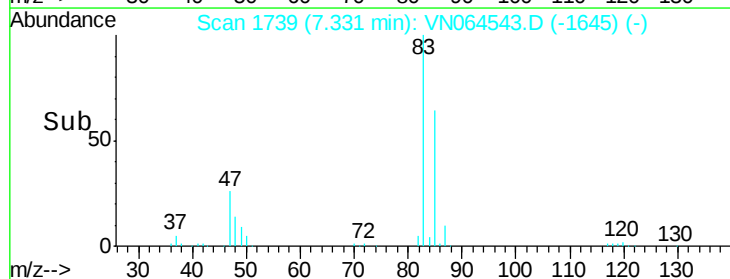
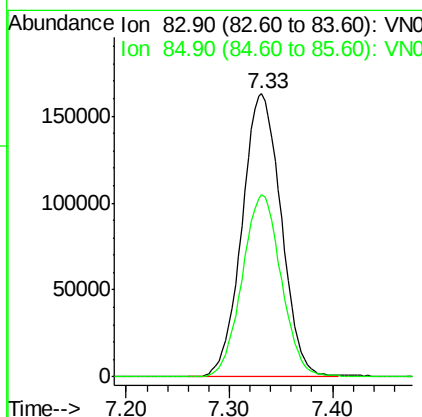
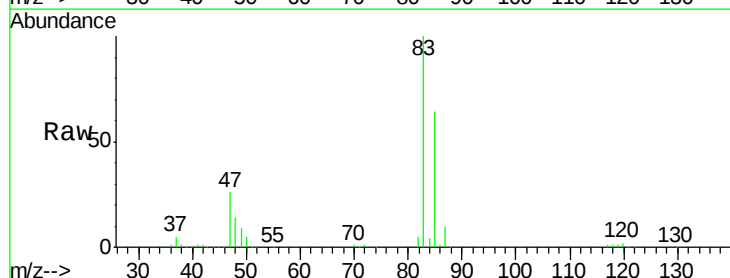
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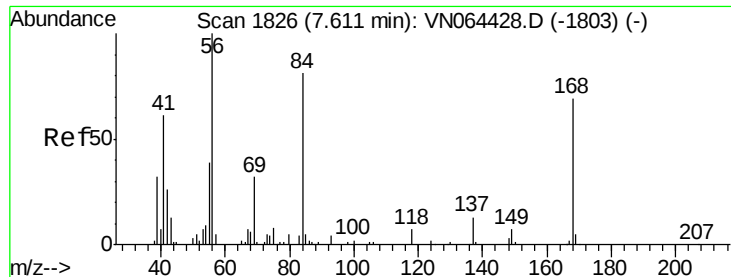
MMDadoda
11/11/2020 1:01:11 PM



#30
Chloroform
Concen: 50.933 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





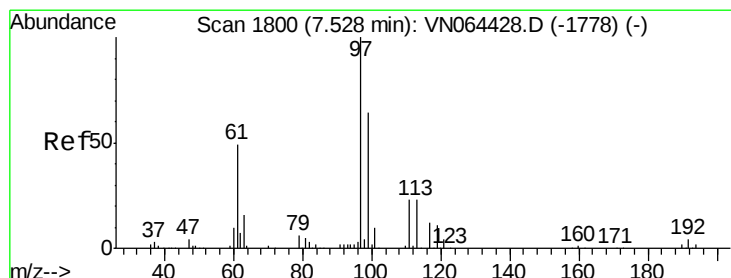
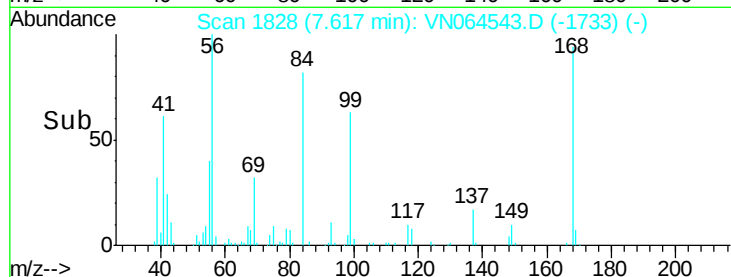
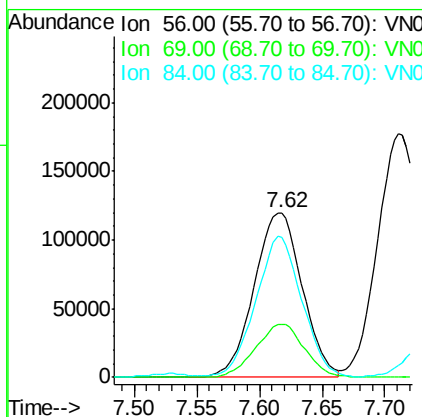
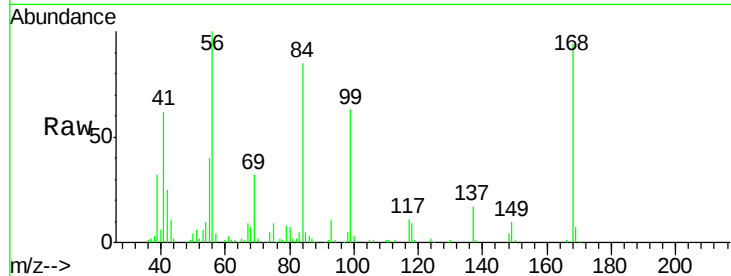
#31
Cyclohexane
Concen: 46.028 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.6	38.4
84	83.8	63.0	94.6

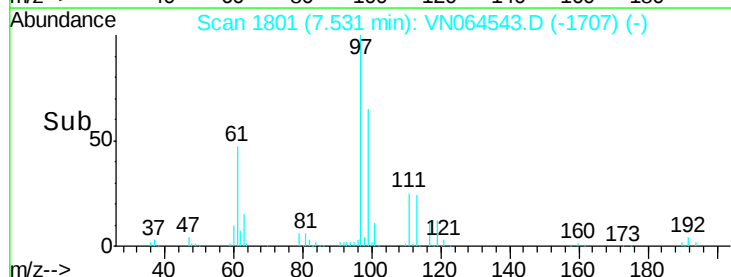
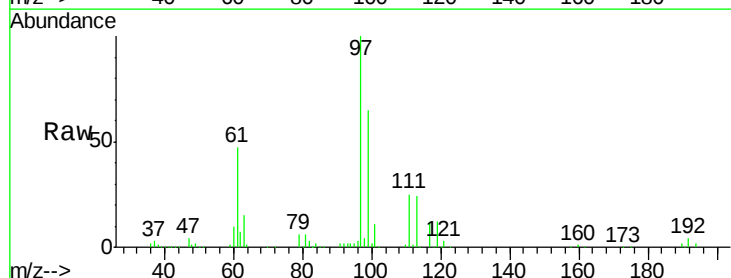
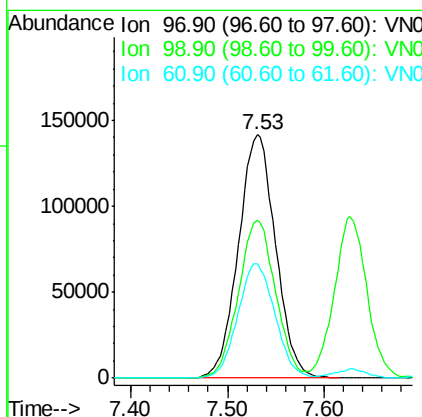
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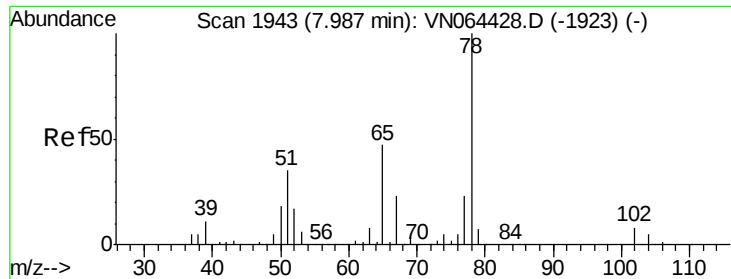
MMDadoda
11/11/2020 1:01:11 PM



#32
1,1,1-Trichloroethane
Concen: 50.701 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	47.1	39.1	58.7





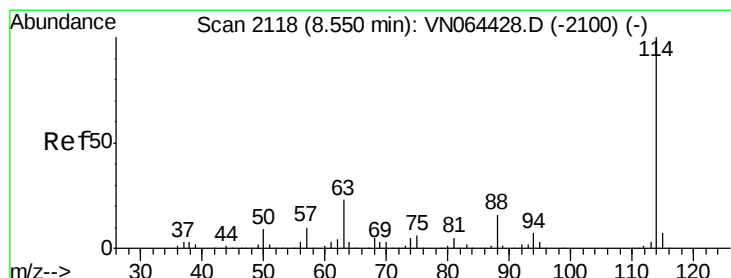
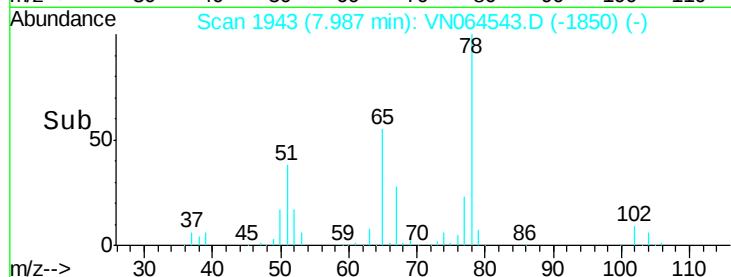
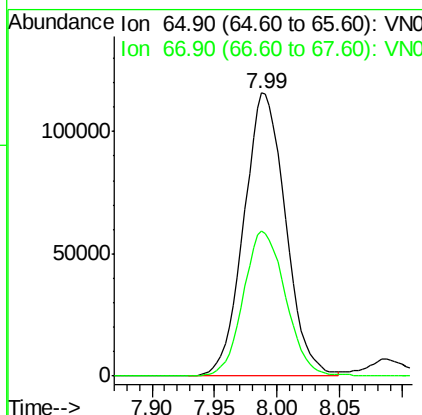
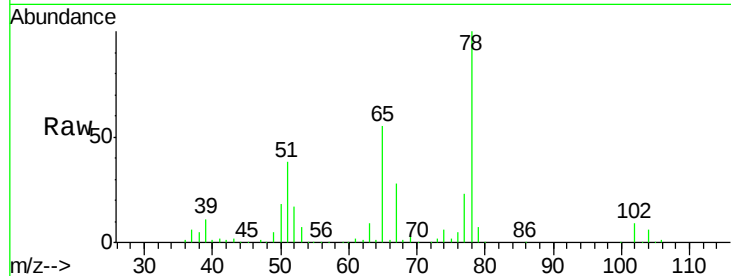
#33
 1,2-Dichloroethane-d4
 Concen: 47.021 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	268718		
67	51.8	0.0	101.6	

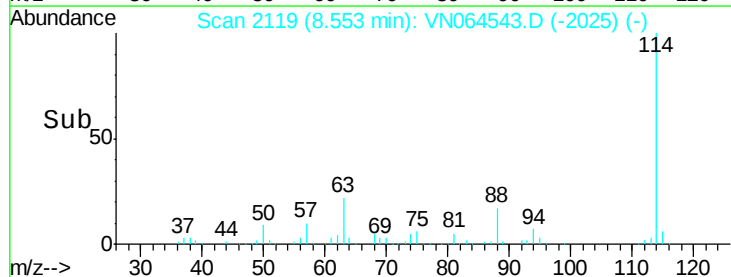
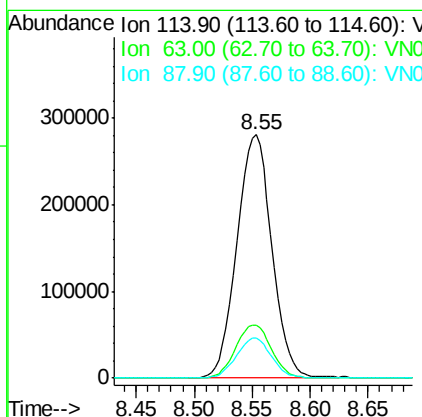
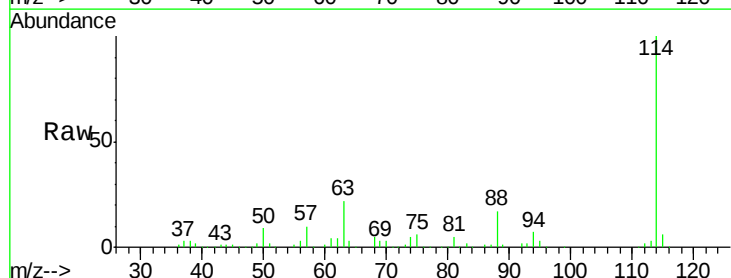
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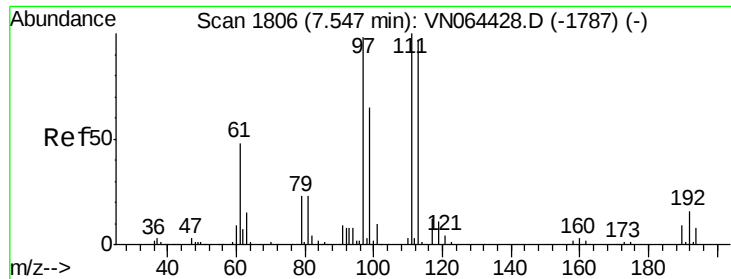
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 11/11/2020 1:01:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	588560		
63	21.9	0.0	45.6	
88	16.5	0.0	32.8	





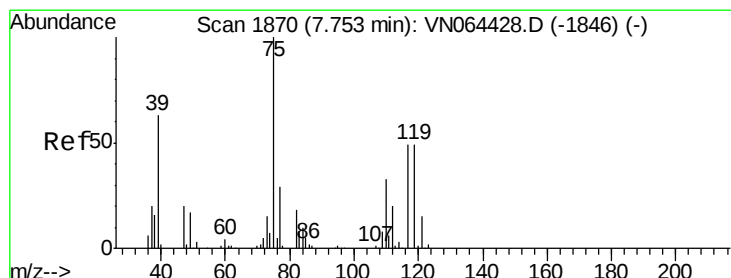
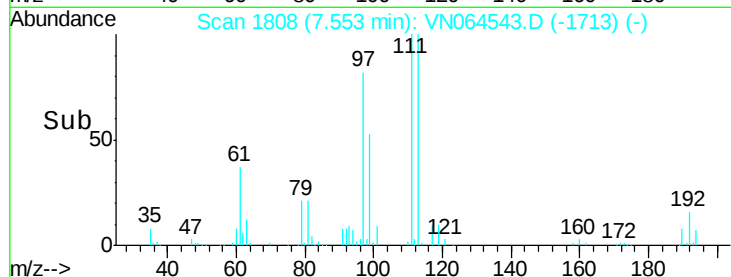
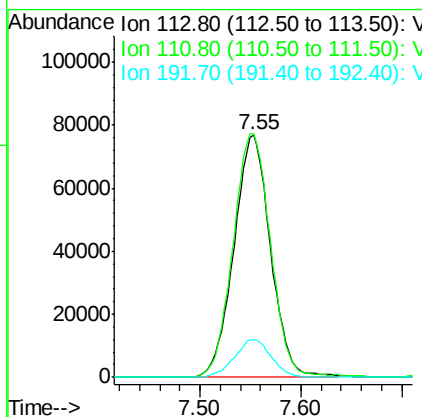
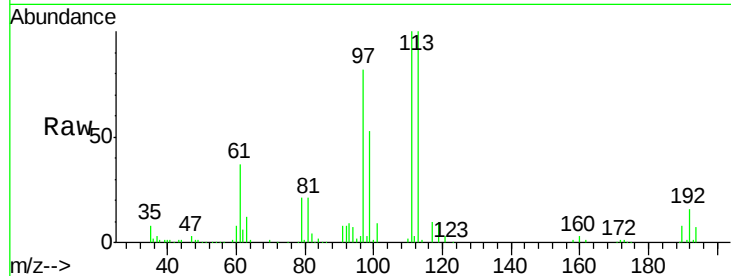
#35
Dibromofluoromethane
Concen: 48.159 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	15.8	12.8	19.2

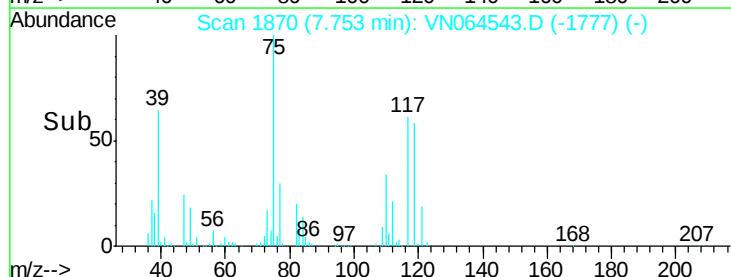
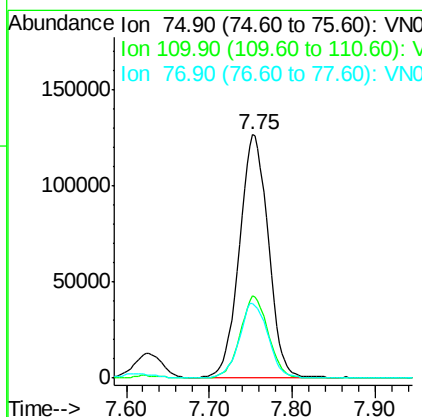
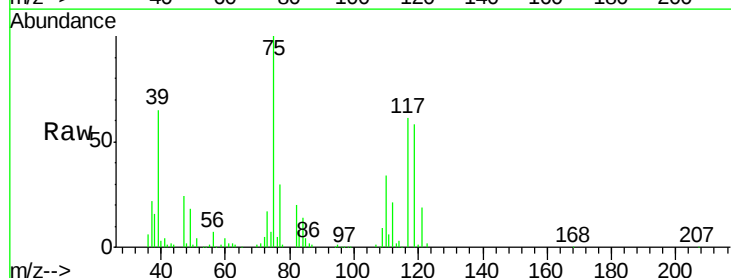
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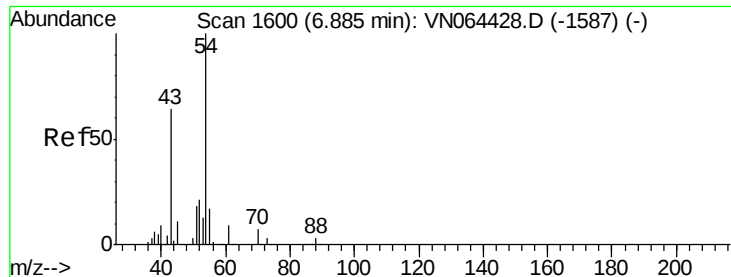
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11/11/2020 1:01:11 PM



#36
1,1-Dichloropropene
Concen: 48.986 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.0	48.0
77	30.9	24.0	36.0





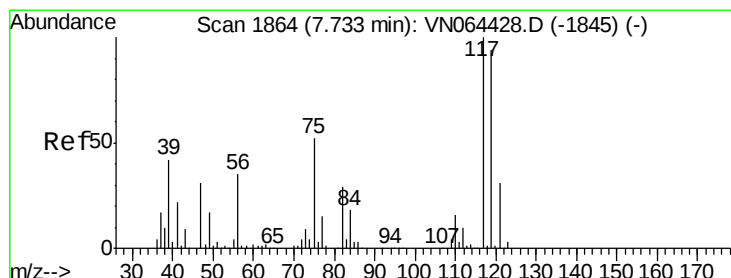
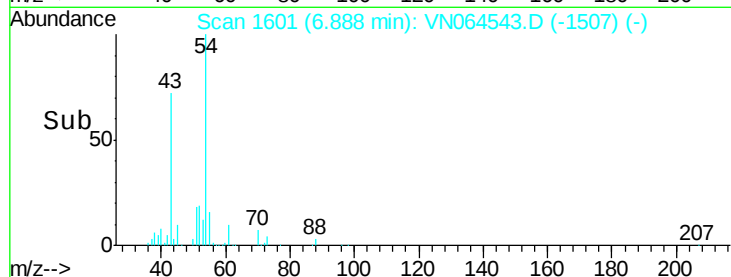
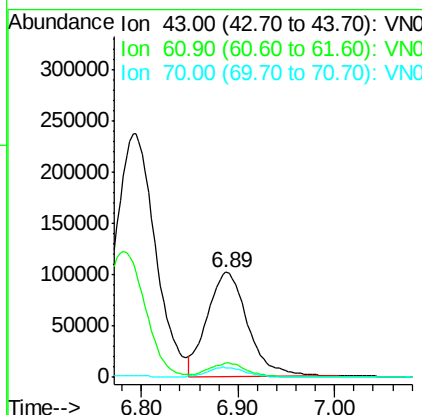
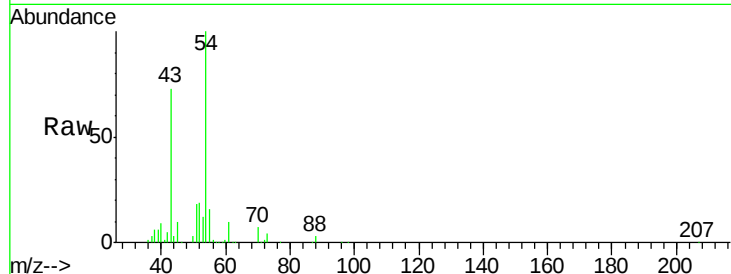
#37
Ethyl Acetate
Concen: 46.943 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.0	15.0
70	9.2	7.1	10.7

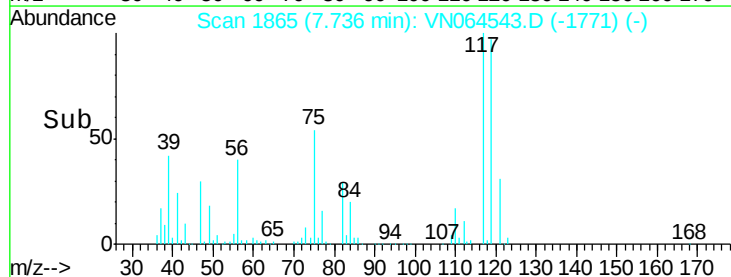
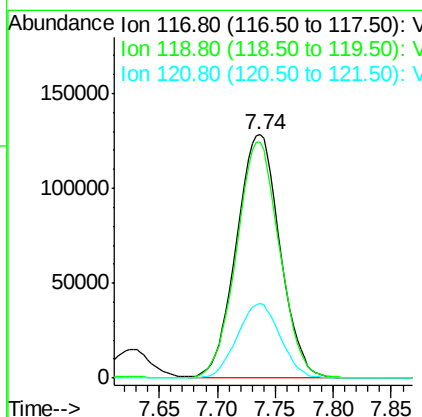
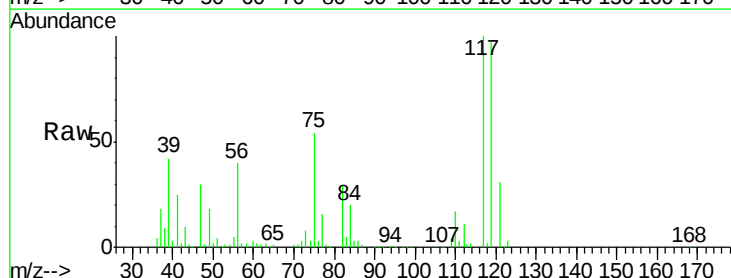
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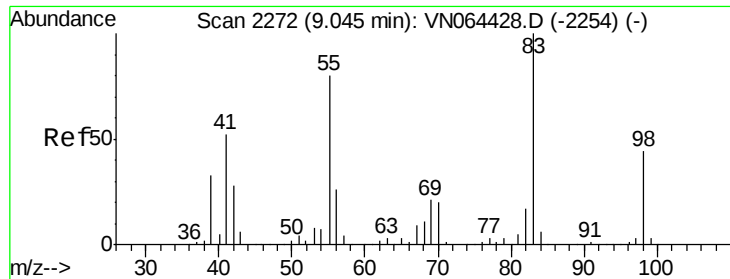
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#38
Carbon Tetrachloride
Concen: 50.092 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.5	113.3
121	30.8	24.4	36.6





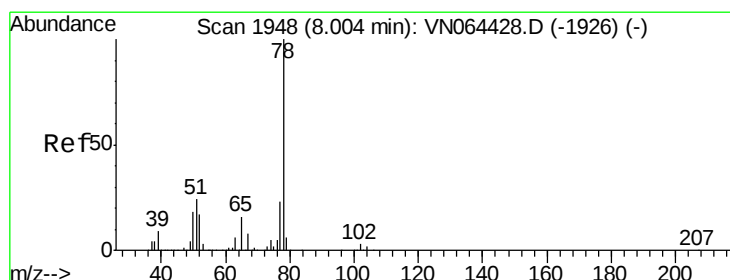
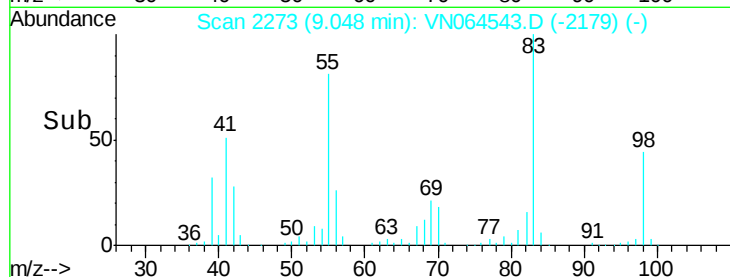
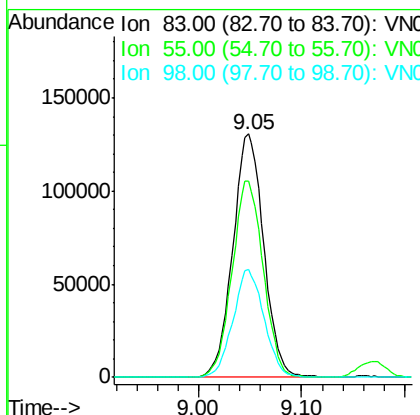
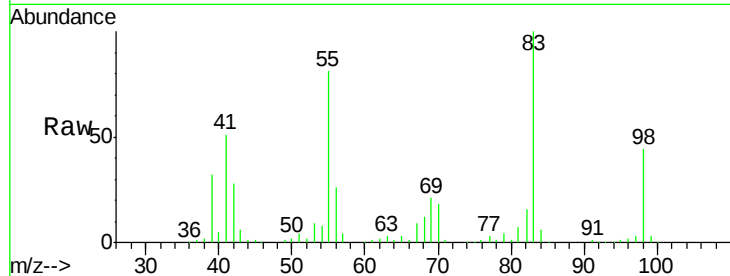
#39
Methvlcvclohexane
Concen: 48.877 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	63.8	95.6
98	44.1	35.4	53.2

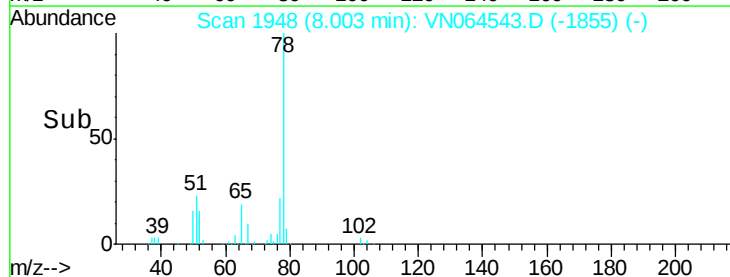
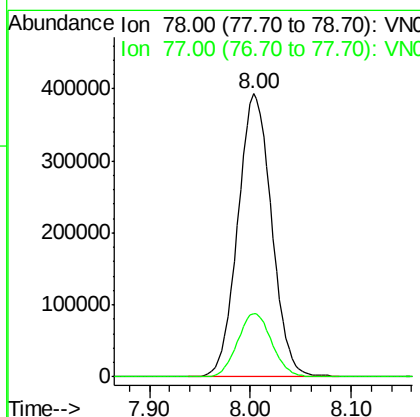
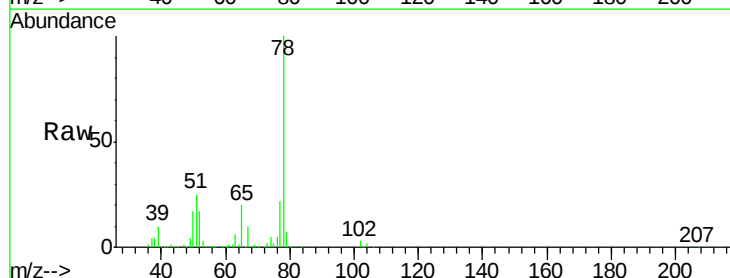
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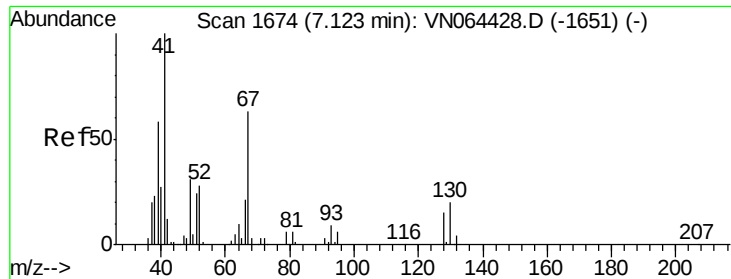
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11/11/2020 1:01:11 PM



#40
Benzene
Concen: 49.947 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.7	28.1





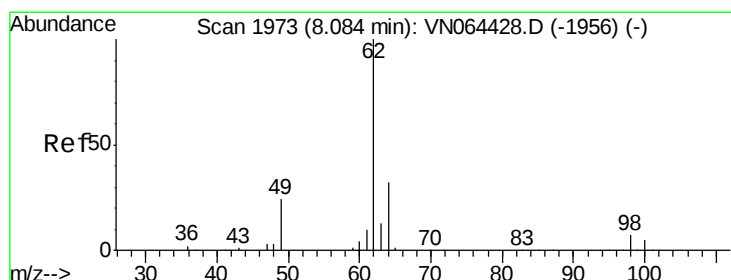
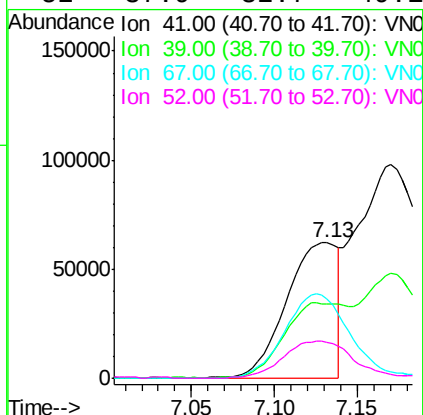
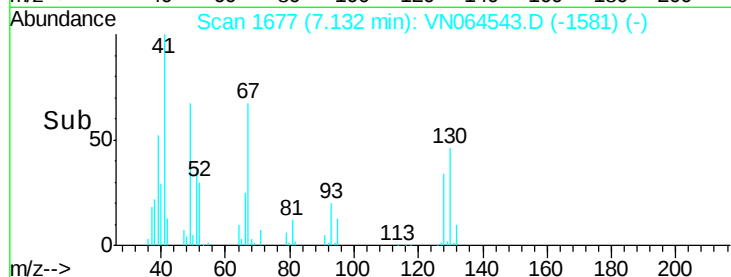
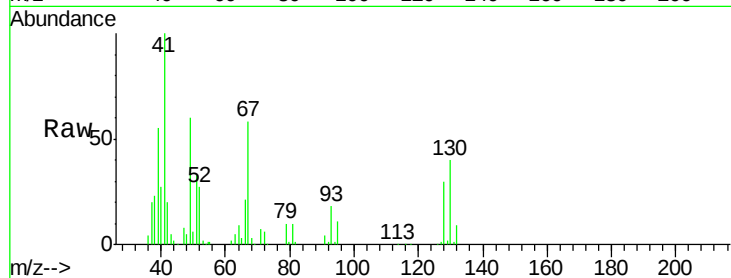
#41
Methacrylonitrile
Concen: 48.473 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	71.0	50.0	75.0	
67	79.8	68.3	102.5	
52	37.9	32.7	49.1	

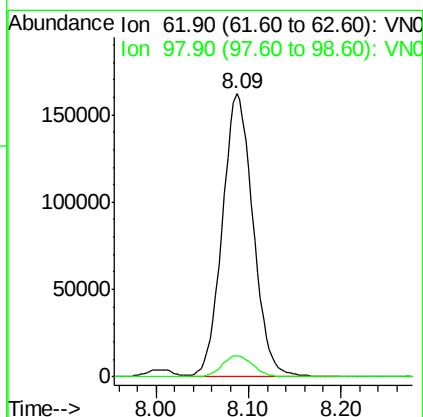
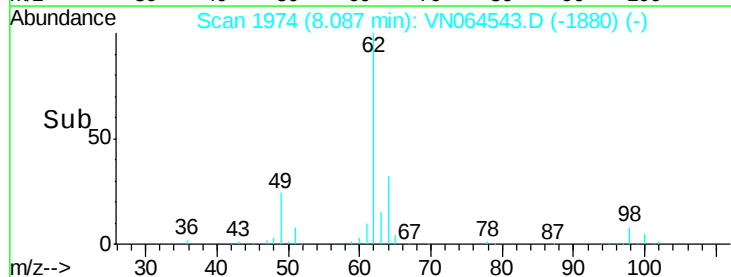
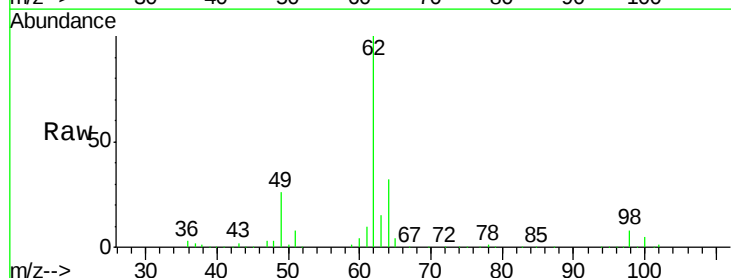
Manual Integrations
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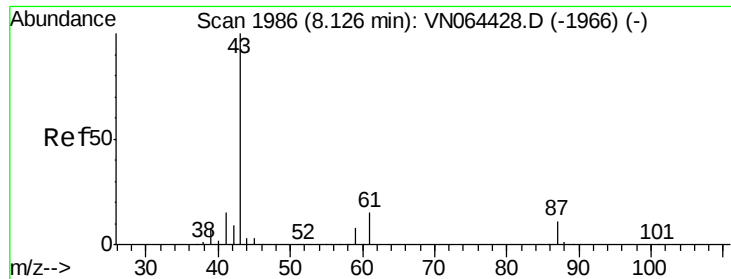
MMDadoda
11/11/2020 1:01:11 PM



#42
1,2-Dichloroethane
Concen: 50.300 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.6	0.0	14.0	





#43

Isopropyl Acetate

Concen: 50.475 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

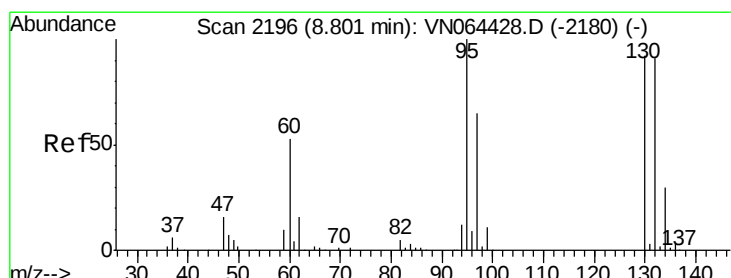
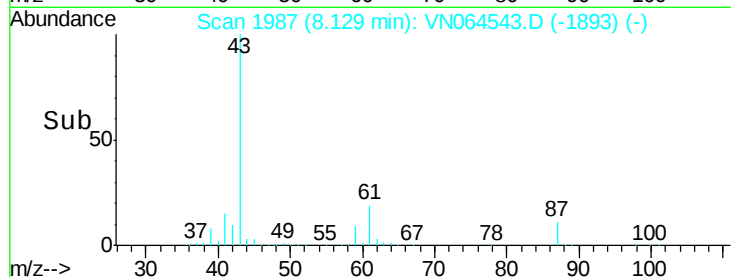
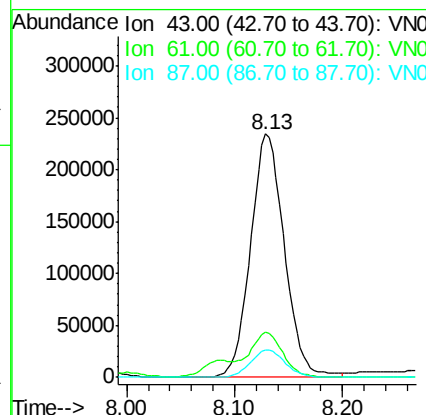
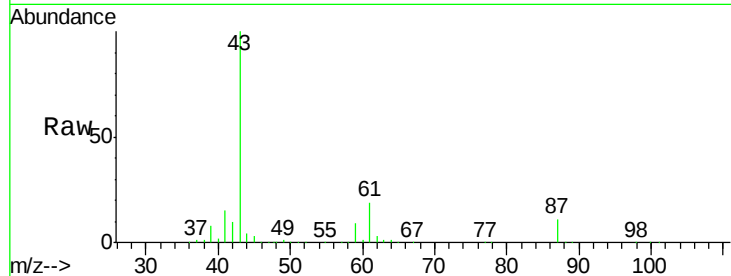
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	508608
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.0	21.0
87	11.5	9.1	13.7

Manual Integrations
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11/11/2020 1:01:11 PM



#44

Trichloroethene

Concen: 49.566 ug/l

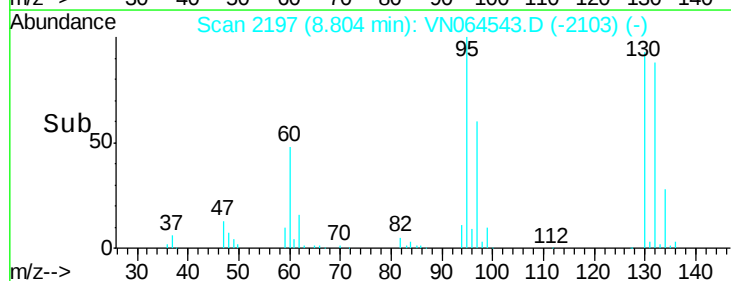
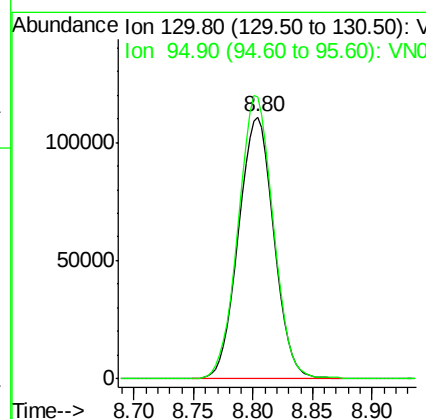
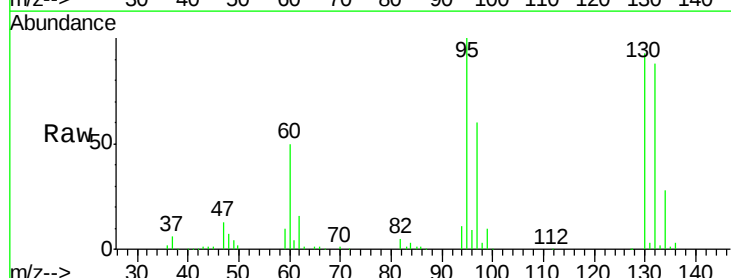
RT: 8.80 min Scan# 2197

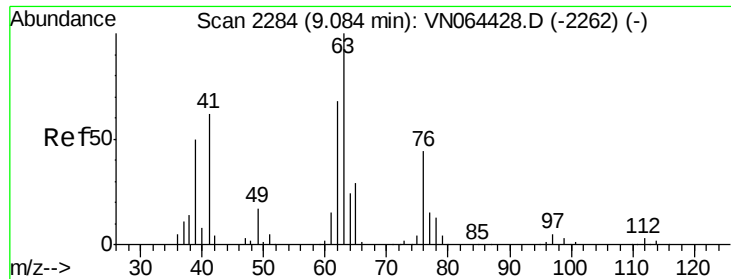
Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion:	130	Resp:	228487
Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	216.8





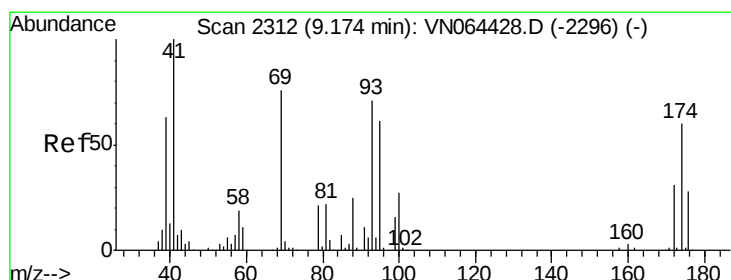
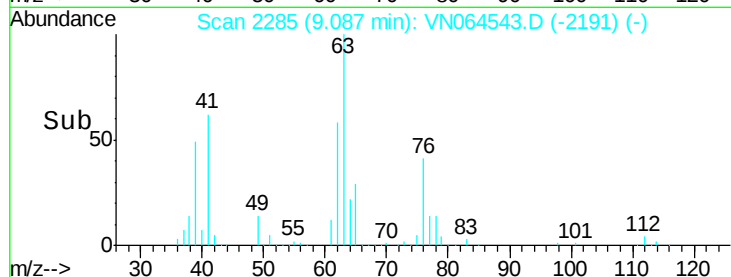
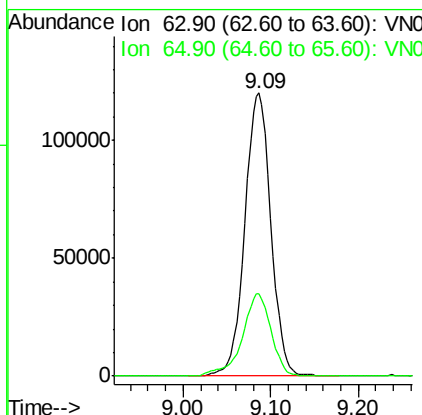
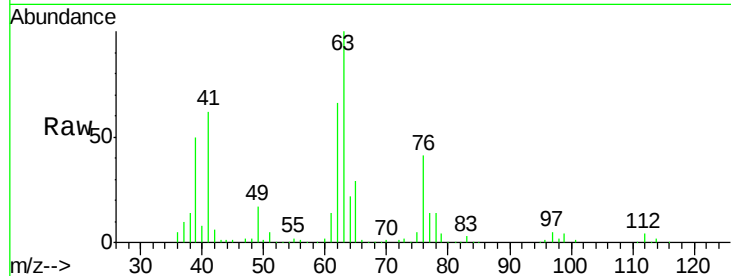
#45
 1,2-Dichloropropane
 Concen: 50.817 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 247738
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.6 35.4

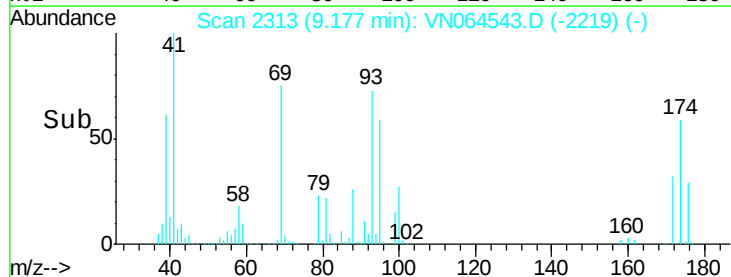
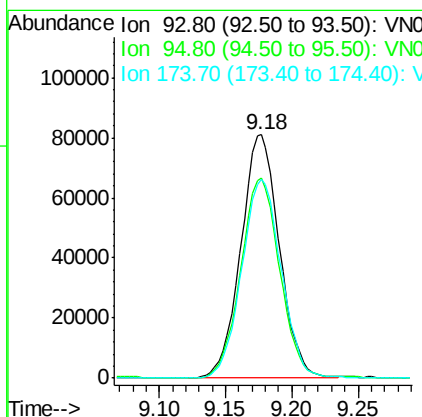
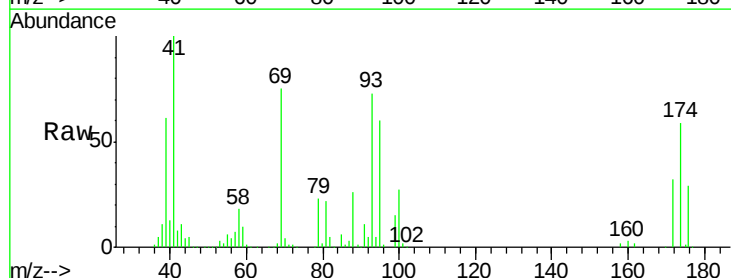
Manual Integrations
 APPROVED

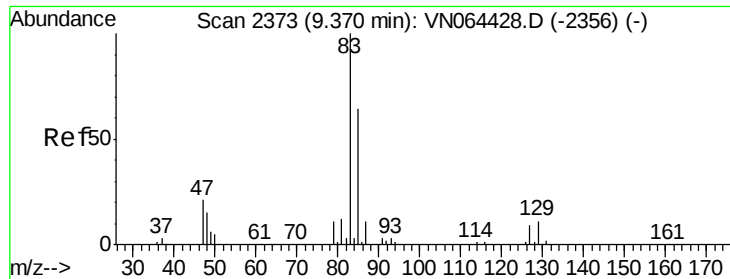
MMDadoda
 11/11/2020 1:01:11 PM



#46
 Dibromomethane
 Concen: 50.887 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 93 Resp: 163309
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.4 99.6
 174 83.8 67.2 100.8





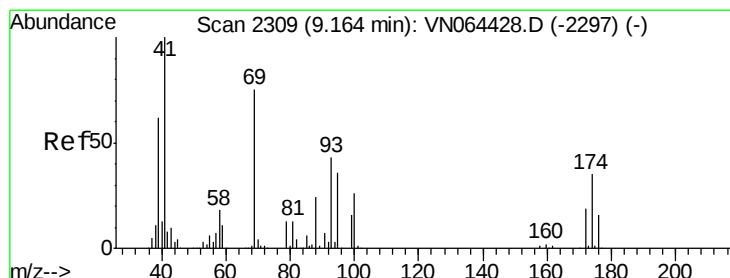
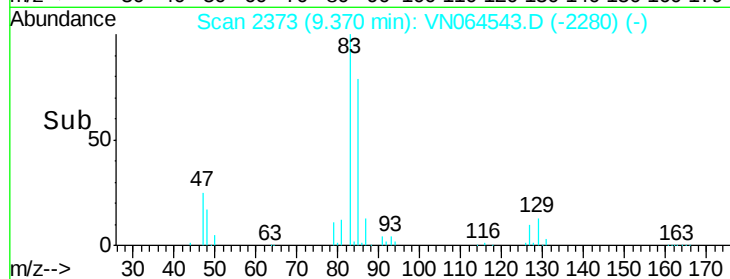
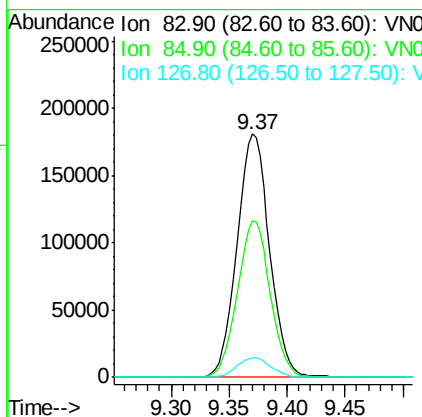
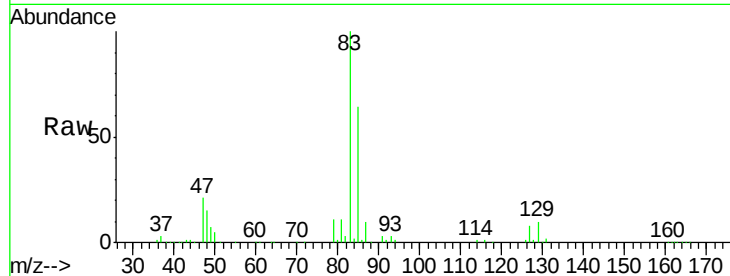
#47
Bromodichloromethane
Concen: 50.944 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	351535
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	8.1	6.9	10.3

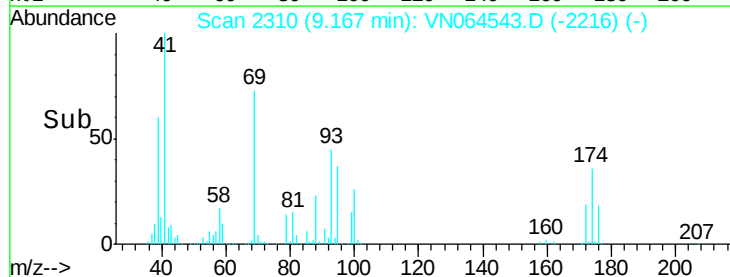
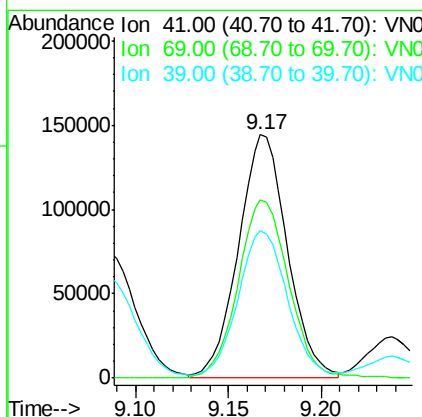
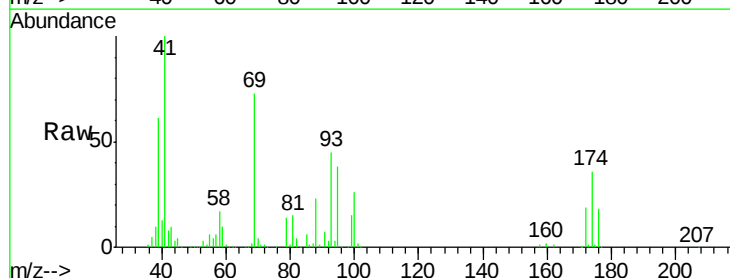
Manual Integrations
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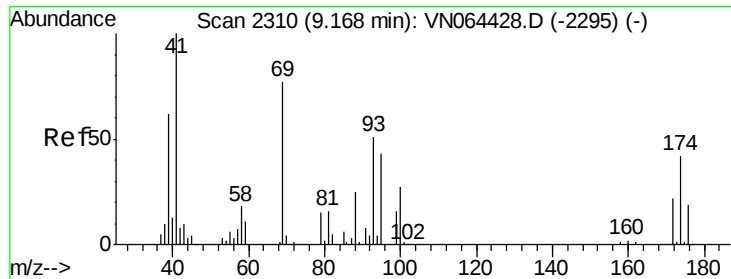
MMDadoda
11/11/2020 1:01:11 PM



#48
Methyl methacrylate
Concen: 51.929 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	41	Resp	264037
Ion Ratio	100	Lower	Upper
41	100		
69	75.7	60.4	90.6
39	61.8	51.2	76.8





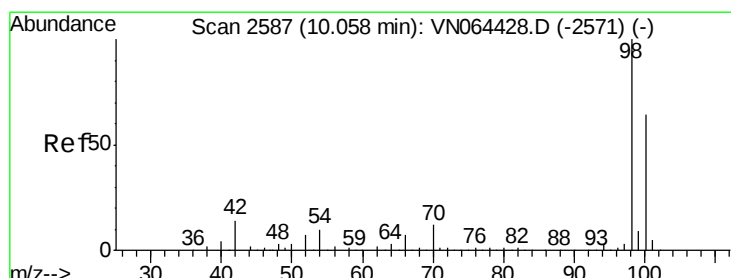
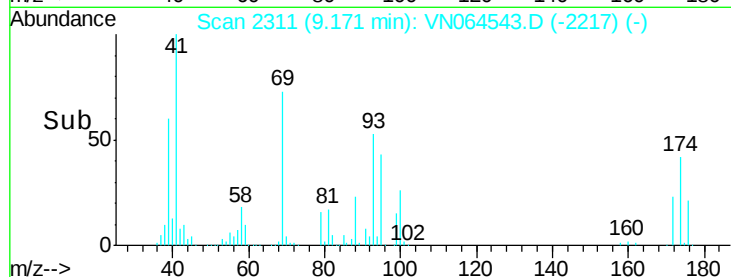
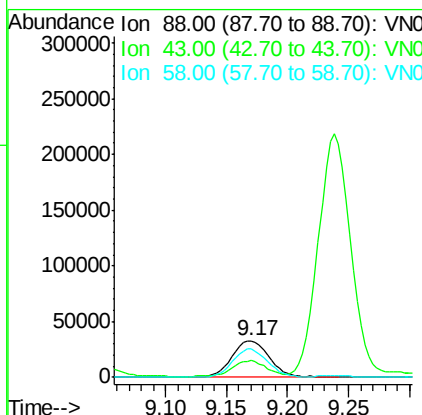
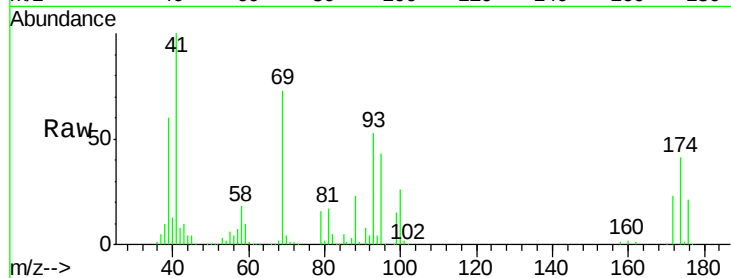
#49
1,4-Dioxane
Concen: 1042.530 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 69819
Ion Ratio Lower Upper
88 100
43 39.1 31.0 46.6
58 72.7 58.4 87.6

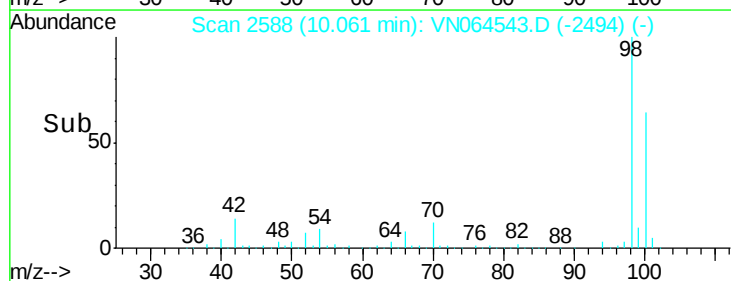
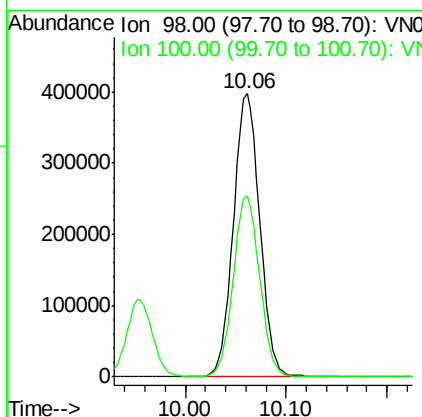
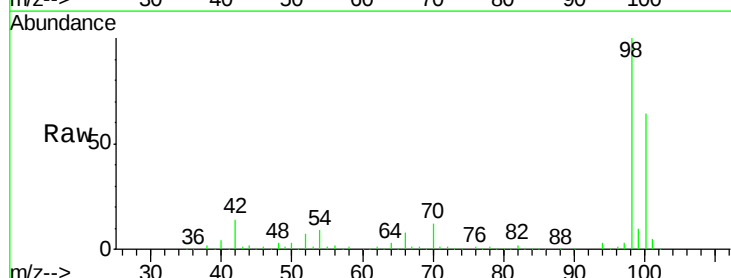
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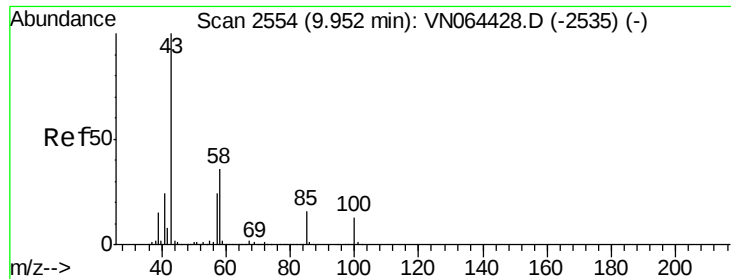
MMDadoda
11/11/2020 1:01:11 PM



#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 98 Resp: 723197
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1





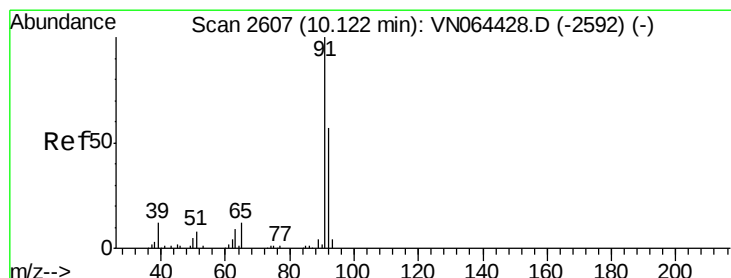
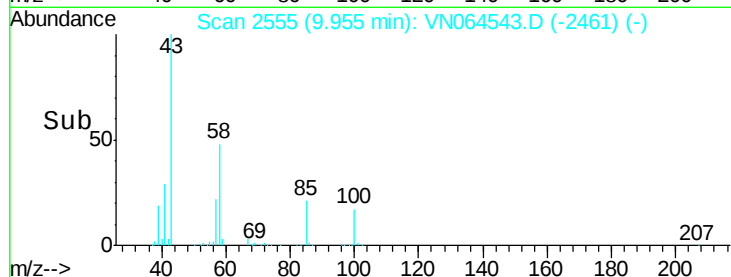
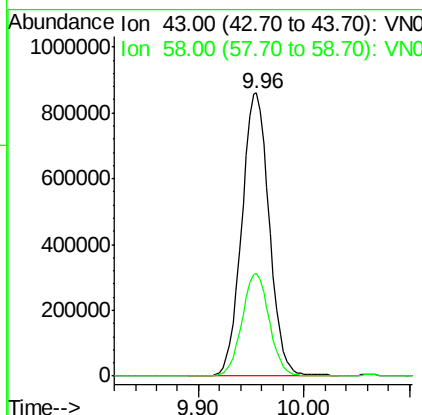
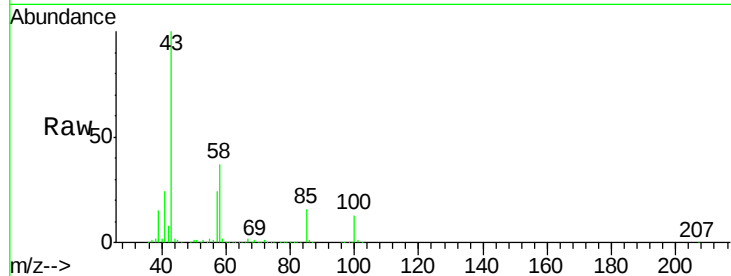
#51
 4-Methyl-2-Pentanone
 Concen: 264.183 ug/l
 RT: 9.96 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1552399
 Ion Ratio Lower Upper
 43 100
 58 36.2 28.4 42.6

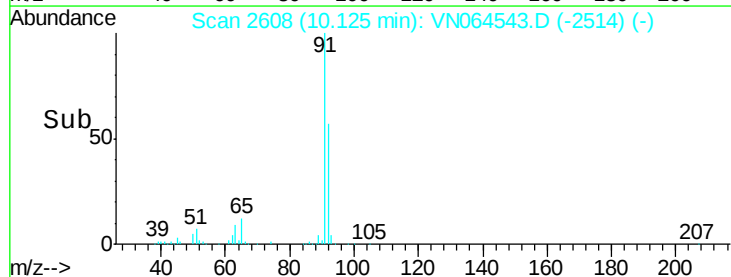
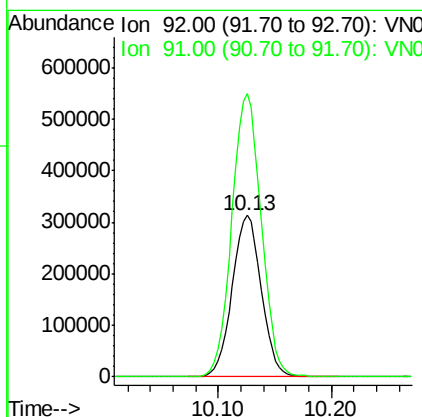
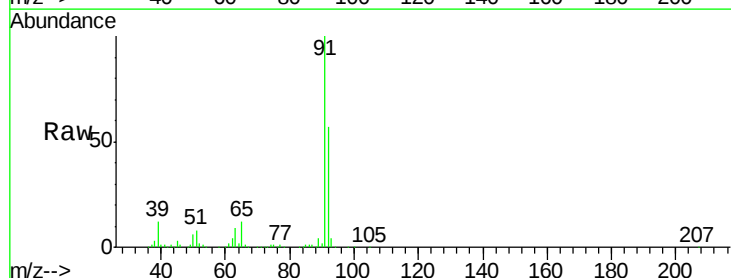
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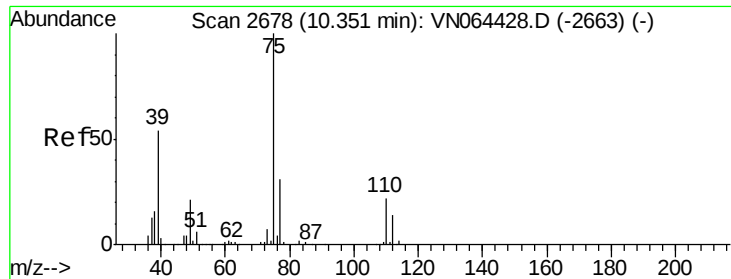
MMDadoda
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#52
 Toluene
 Concen: 50.360 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 92 Resp: 561196
 Ion Ratio Lower Upper
 92 100
 91 177.2 139.6 209.4





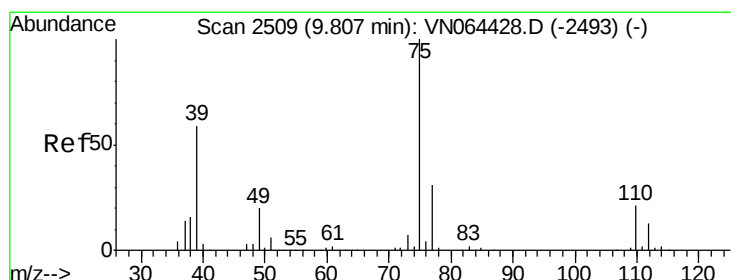
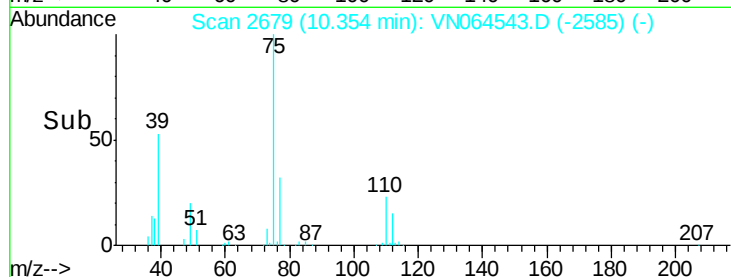
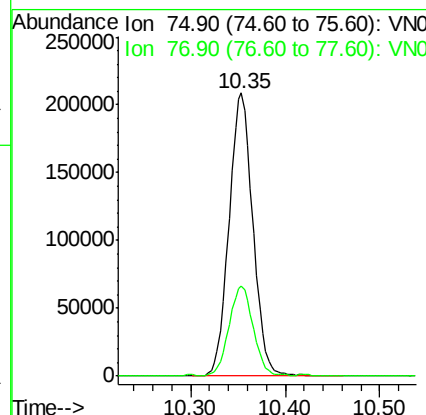
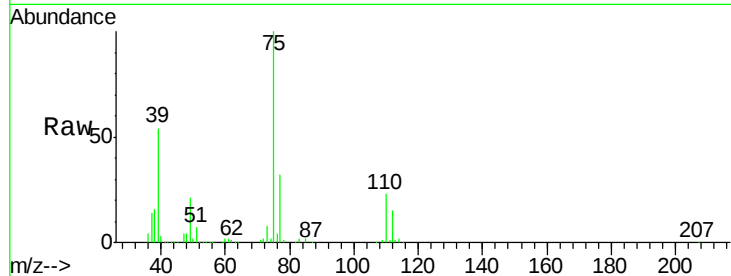
#53
t-1,3-Dichloropropene
Concen: 50.027 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 365983
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2

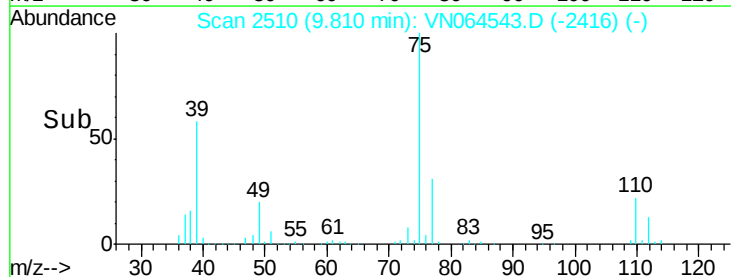
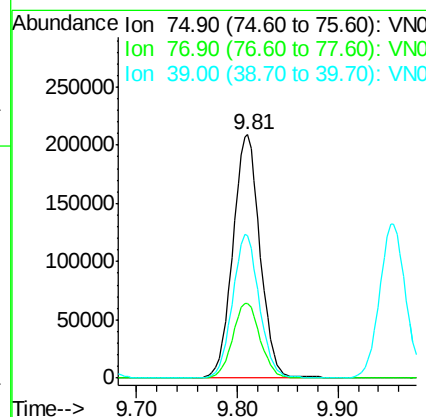
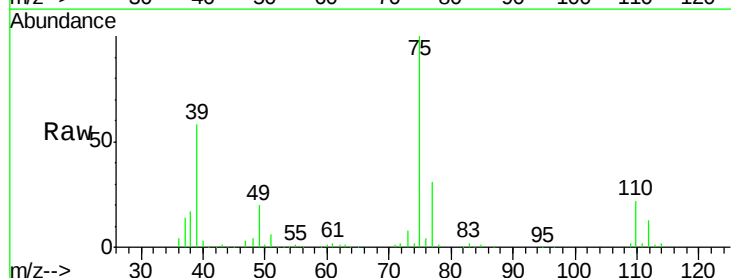
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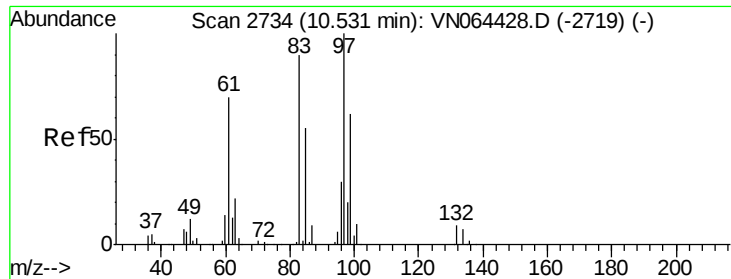
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#54
cis-1,3-Dichloropropene
Concen: 50.028 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 75 Resp: 391303
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 58.3 47.1 70.7





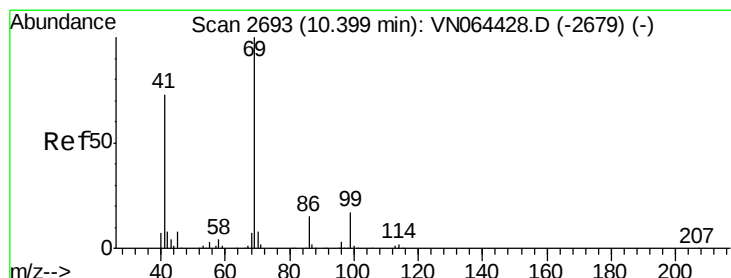
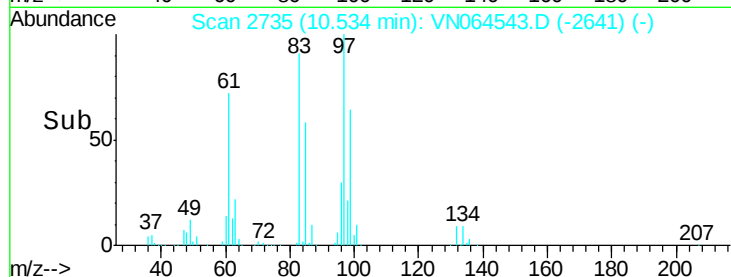
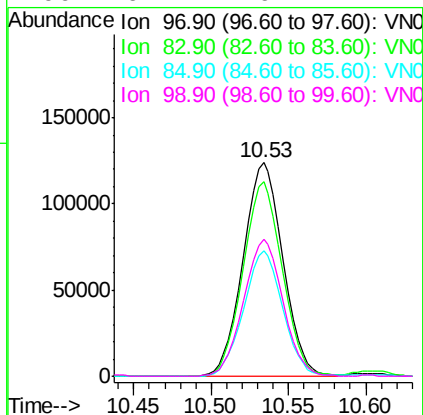
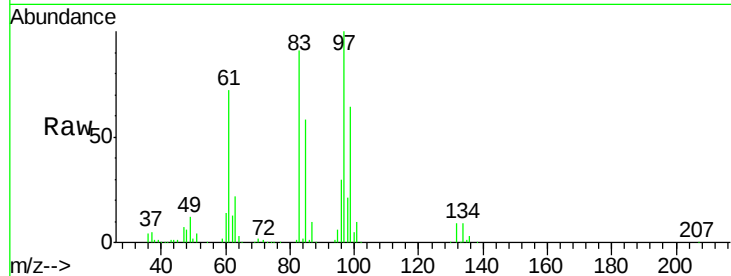
#55
 1,1,2-Trichloroethane
 Concen: 51.105 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	222101
Ion	Ratio	Lower	Upper
97	100		
83	90.9	71.7	107.5
85	58.5	44.3	66.5
99	64.2	49.4	74.2

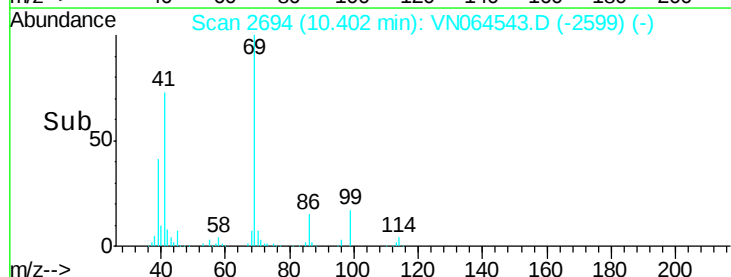
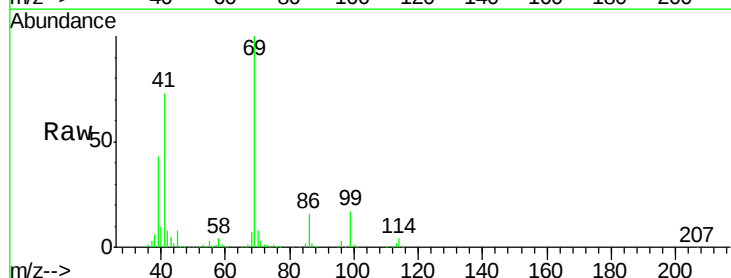
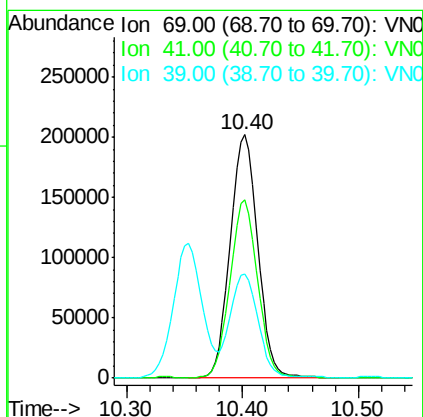
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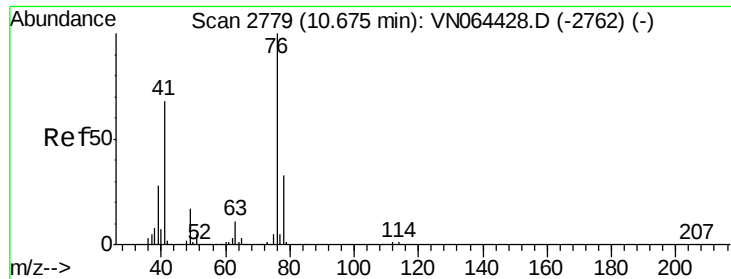
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 46.736 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion:	69	Resp:	333289
Ion	Ratio	Lower	Upper
69	100		
41	72.2	59.3	88.9
39	42.3	35.4	53.0





#57

1,3-Dichloropropane

Concen: 51.768 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 392702

Ion Ratio Lower Upper

76 100

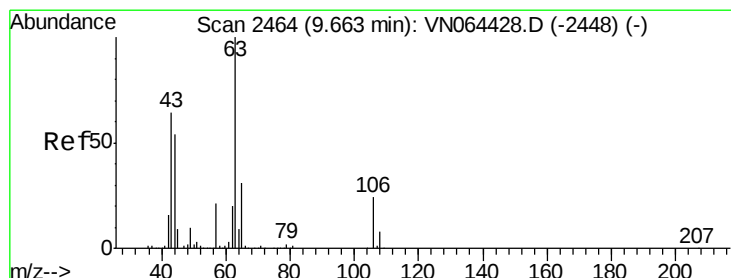
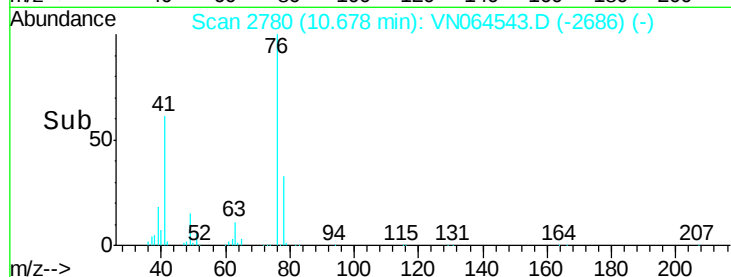
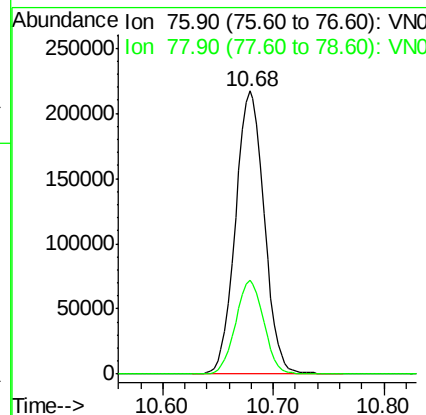
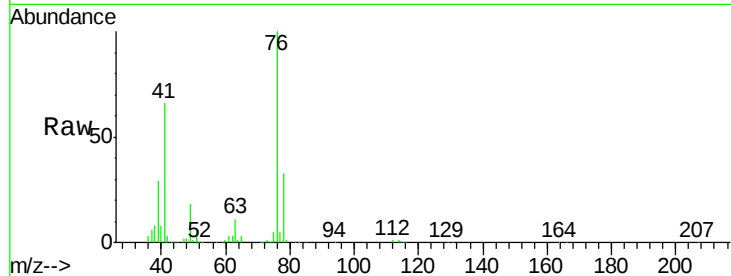
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 253.923 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064543.D

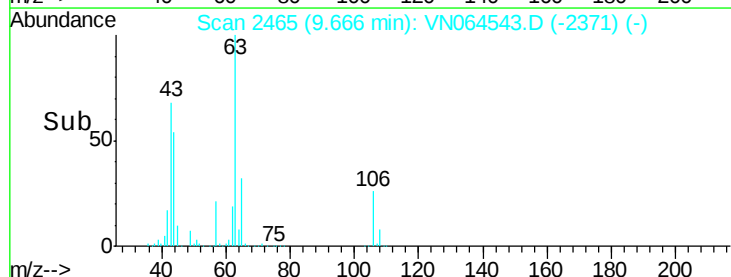
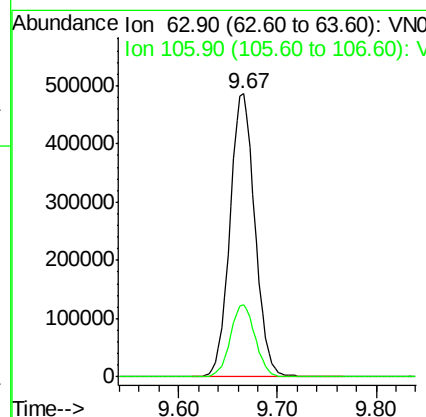
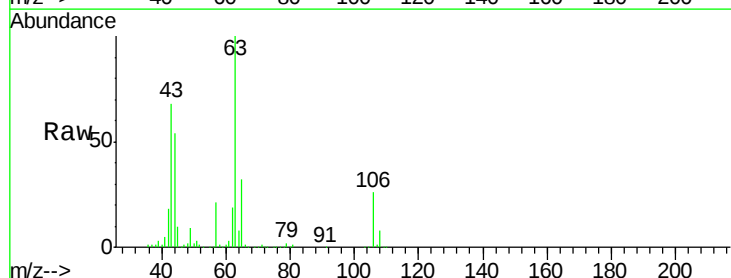
Acq: 10 Nov 2020 22:14

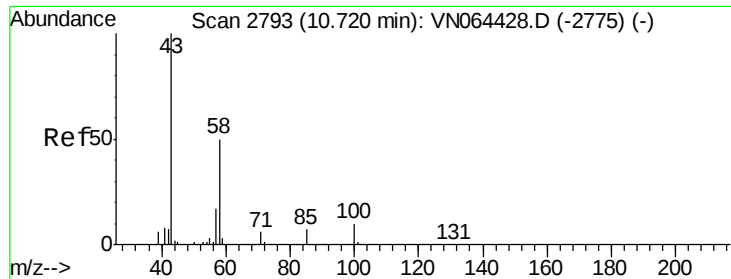
Tgt Ion: 63 Resp: 859179

Ion Ratio Lower Upper

63 100

106 25.5 19.5 29.3





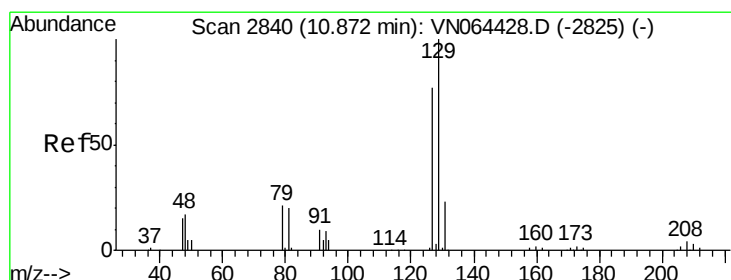
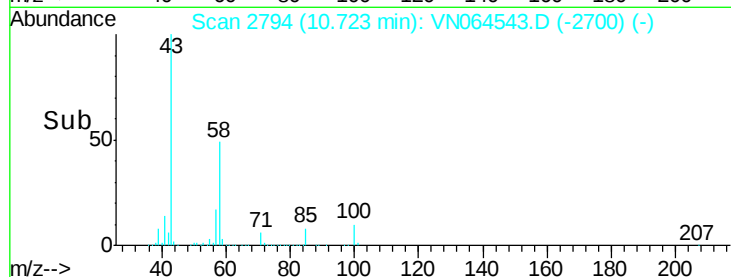
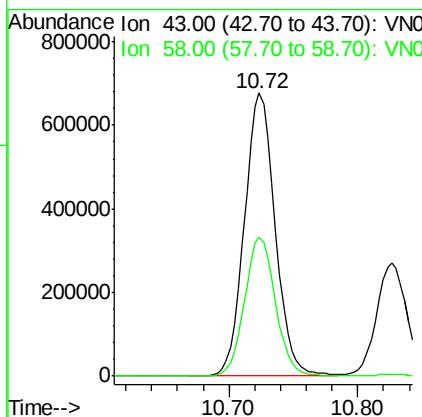
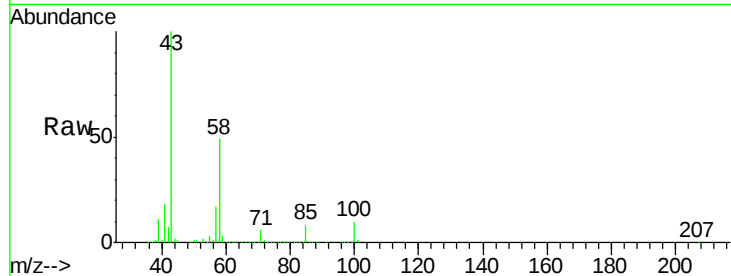
#59
2-Hexanone
Concen: 233.844 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1119247
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1

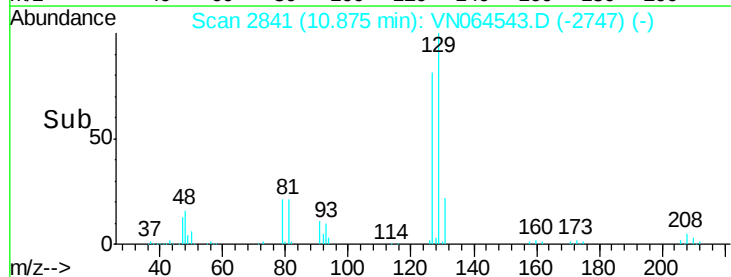
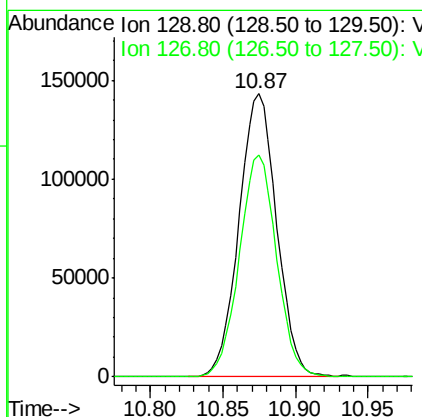
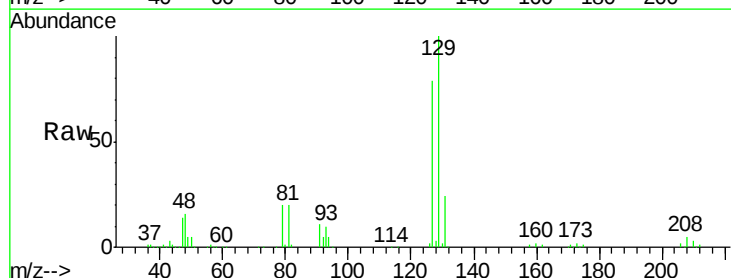
Manual Integrations
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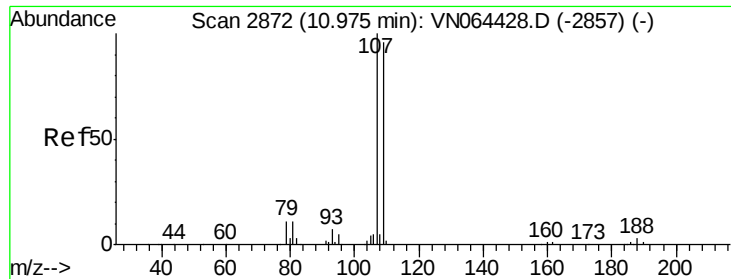
MMDadoda
11/11/2020 1:01:11 PM



#60
Dibromochloromethane
Concen: 53.196 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 129 Resp: 258840
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





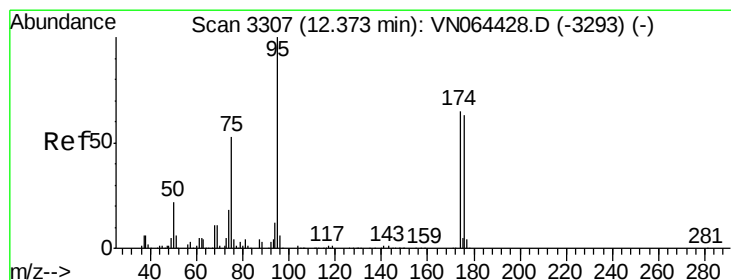
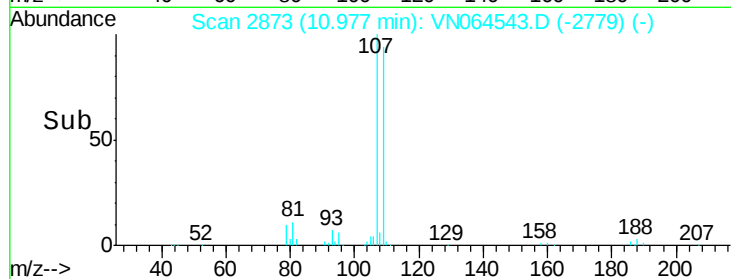
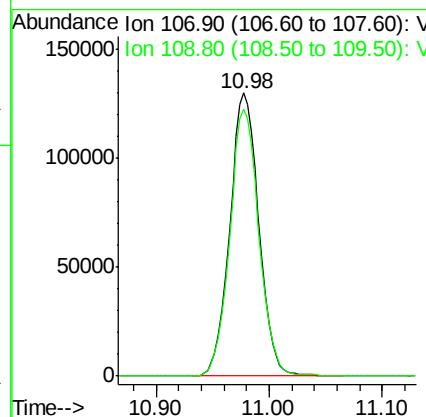
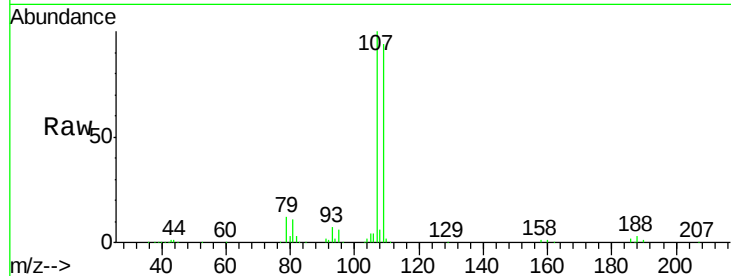
#61
 1,2-Dibromoethane
 Concen: 52.507 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.9	113.9

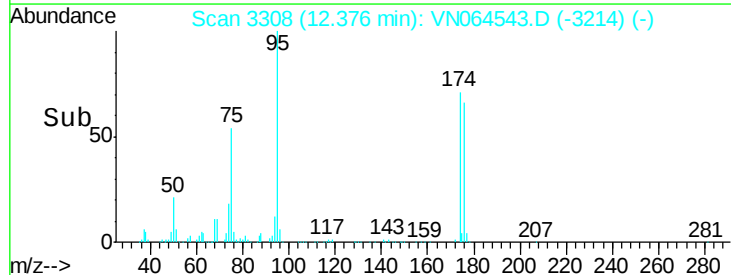
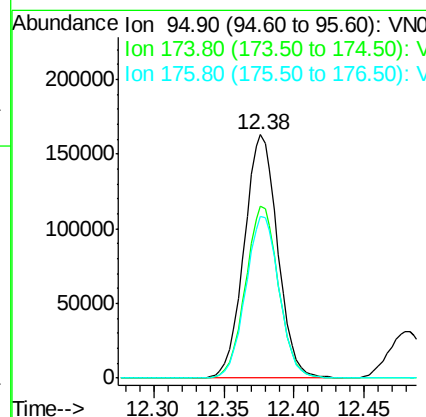
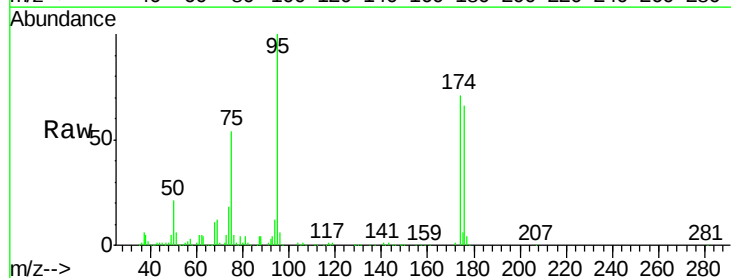
Manual Integrations
 APPROVED

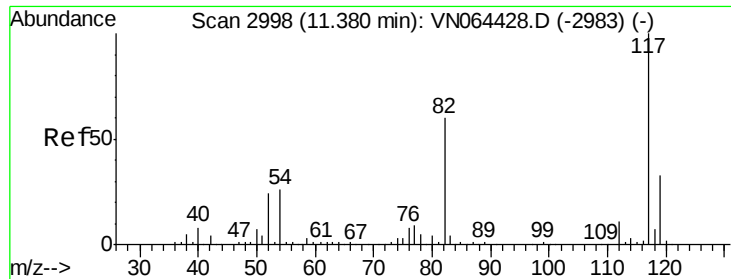
MMDadoda
 11/11/2020 1:01:11 PM



#62
 4-Bromofluorobenzene
 Concen: 46.283 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	132.6
176	66.6	0.0	129.2





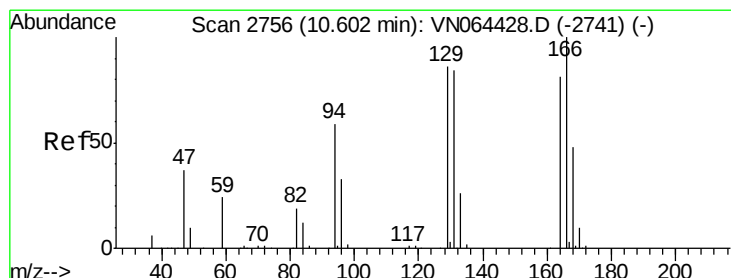
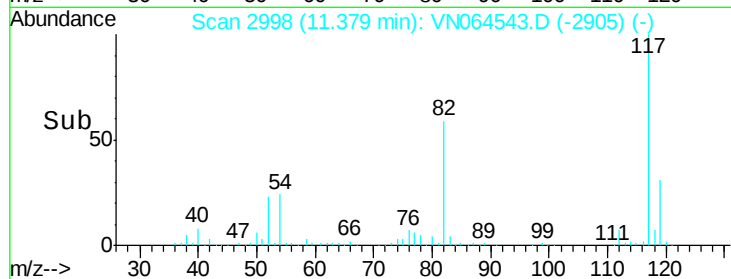
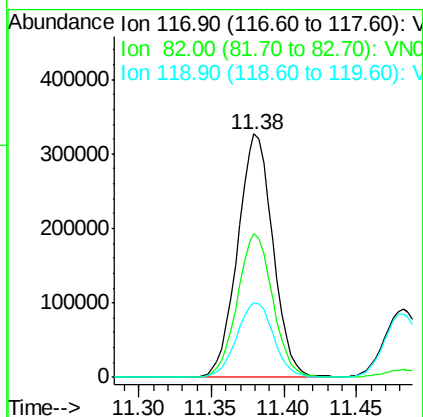
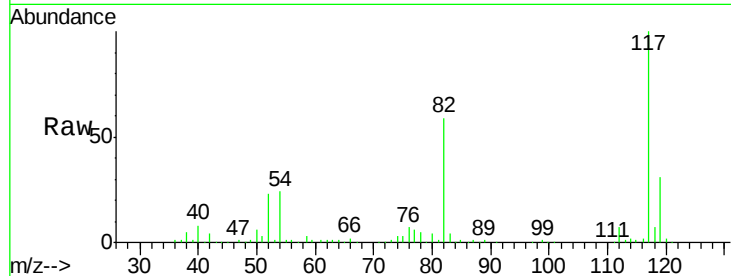
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.1	72.1
119	30.6	26.2	39.4

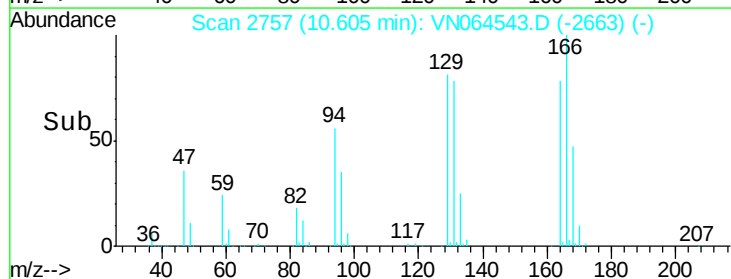
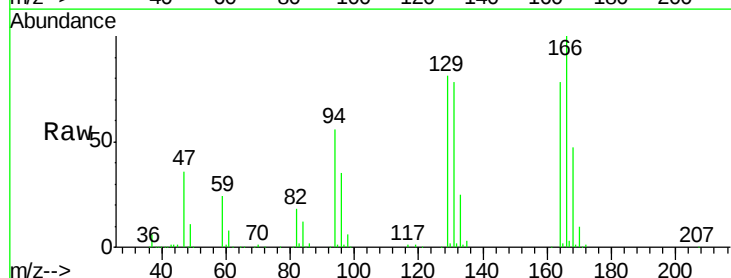
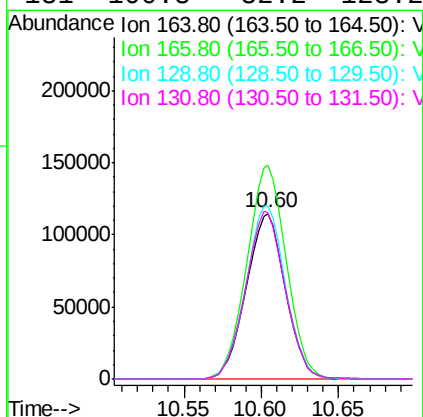
Manual Integrations
APPROVED

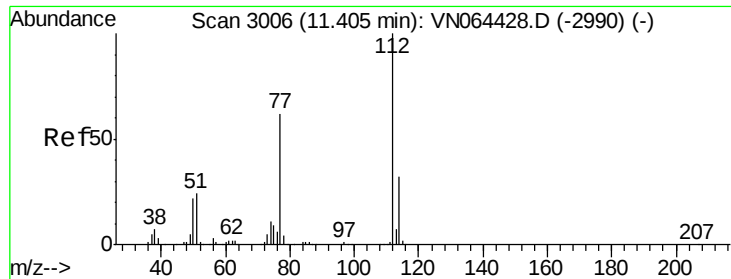
MMDadoda
11/11/2020 1:01:11 PM



#64
Tetrachloroethene
Concen: 47.206 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	98.2	147.2
129	104.2	84.6	127.0
131	100.8	82.2	123.2





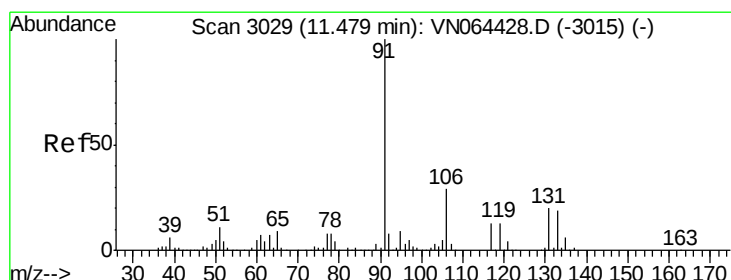
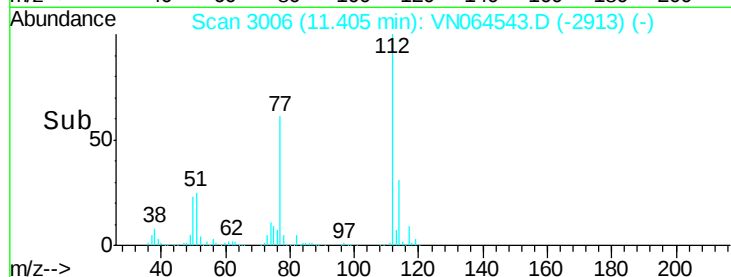
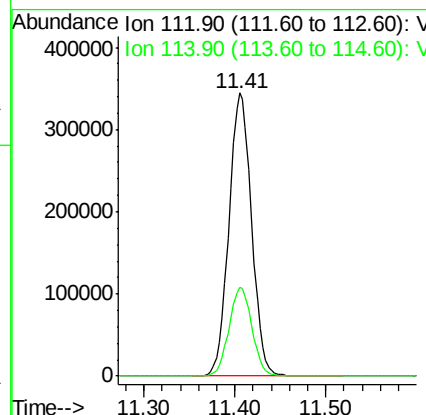
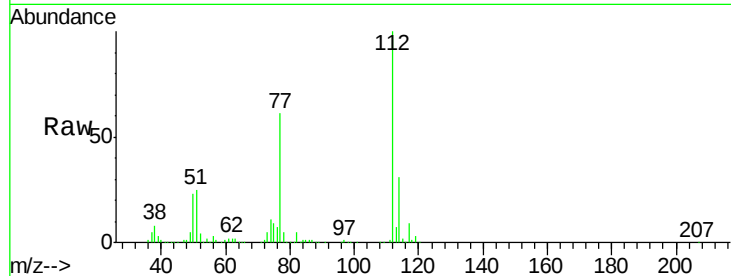
#65
Chlorobenzene
Concen: 48.956 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 593822
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

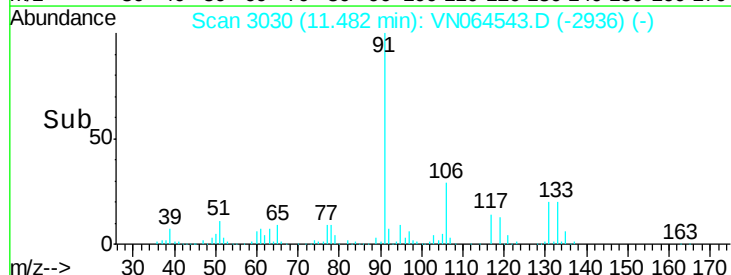
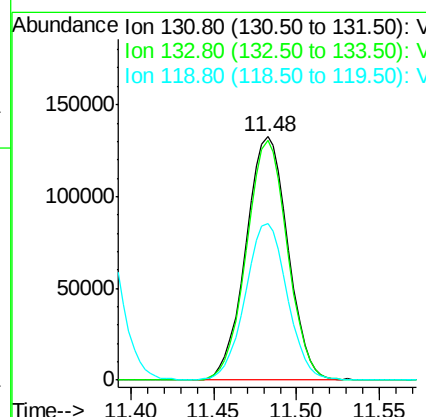
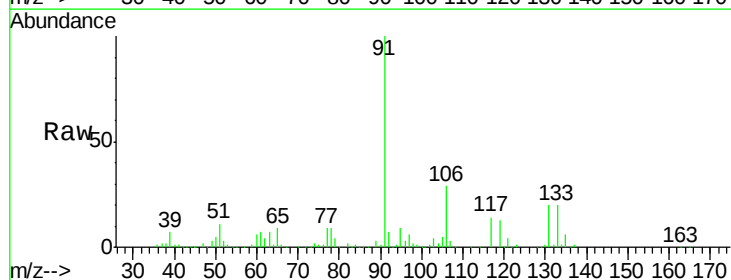
Manual Integrations
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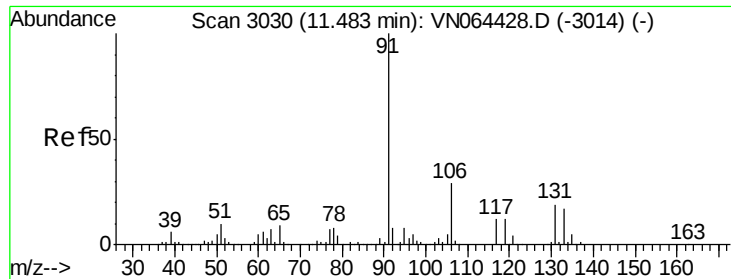
MMDadoda
11/11/2020 1:01:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.748 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:131 Resp: 234170
Ion Ratio Lower Upper
131 100
133 95.7 46.9 140.7
119 64.1 32.1 96.5





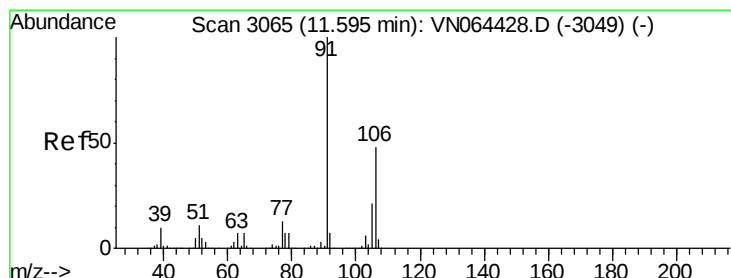
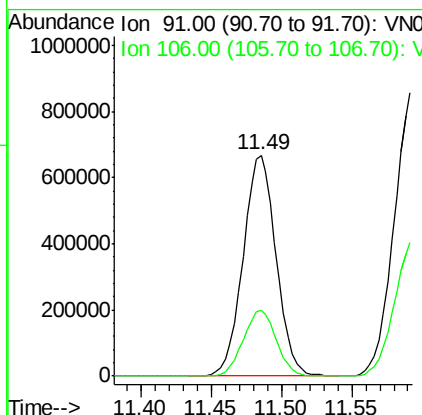
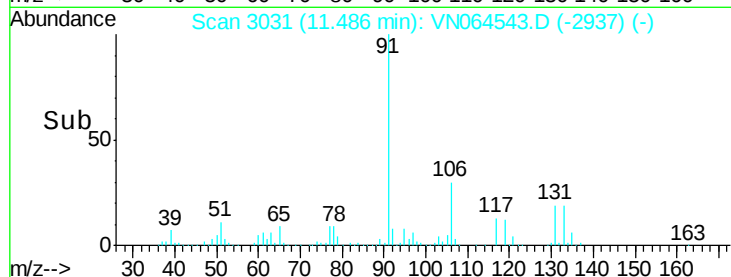
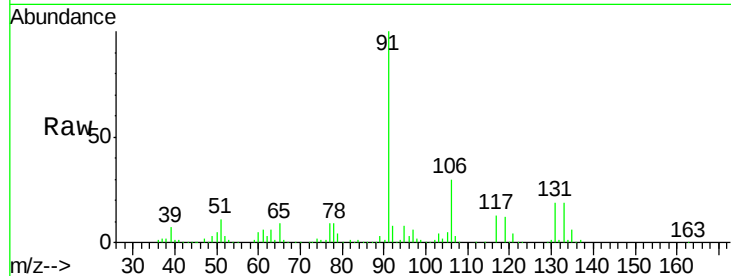
#67
Ethyl Benzene
Concen: 50.712 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1094158
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4

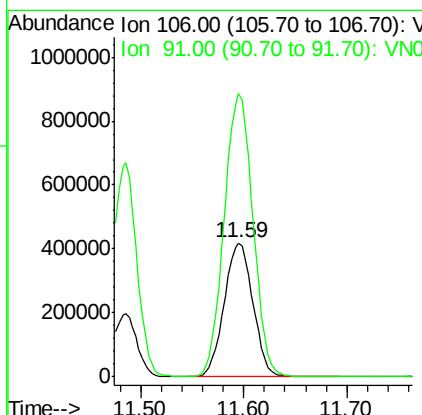
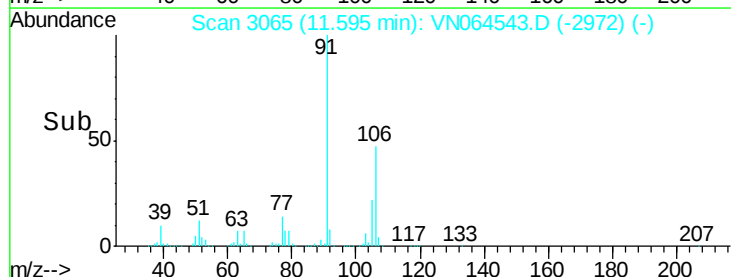
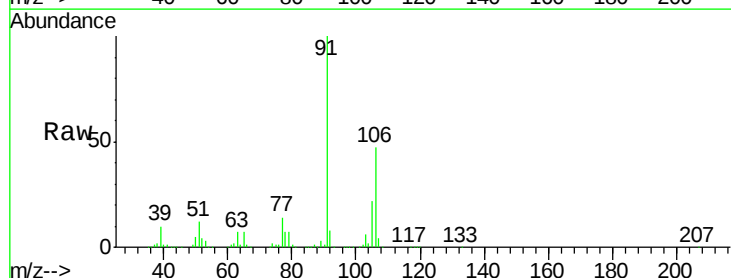
Manual Integrations
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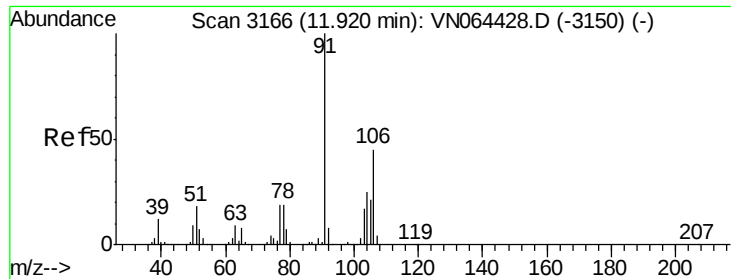
MMDadoda
11/11/2020 1:01:11 PM



#68
m/p-Xylenes
Concen: 103.648 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 106 Resp: 811013
Ion Ratio Lower Upper
106 100
91 212.8 169.4 254.2





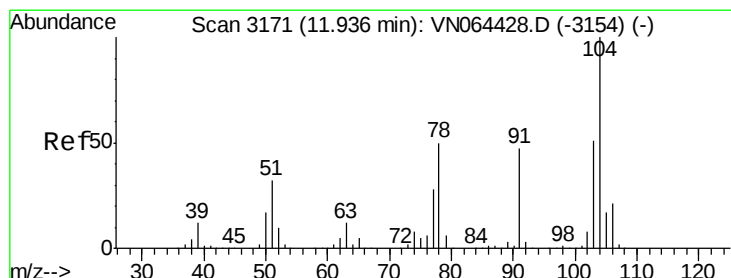
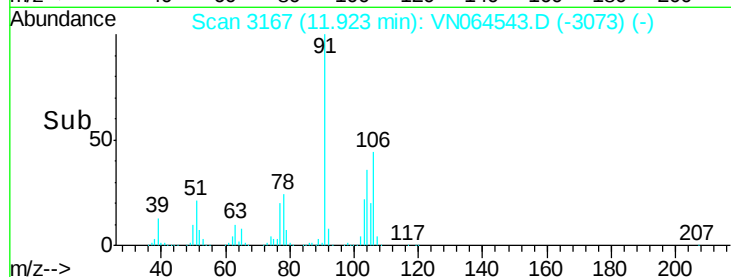
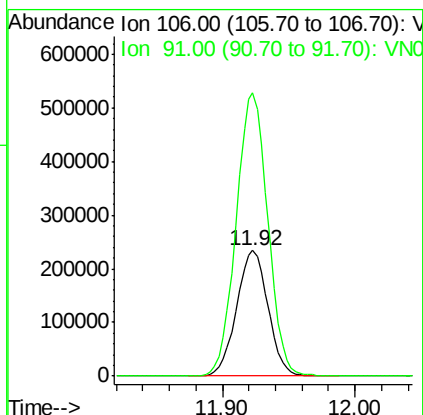
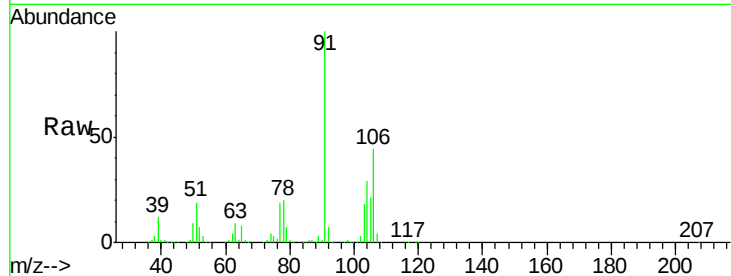
#69
o-Xylene
Concen: 50.963 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 385338
Ion Ratio Lower Upper
106 100
91 226.9 111.7 334.9

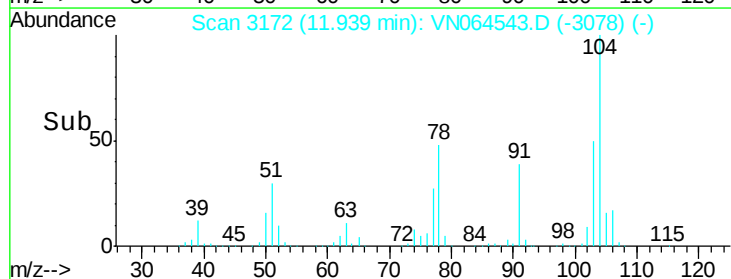
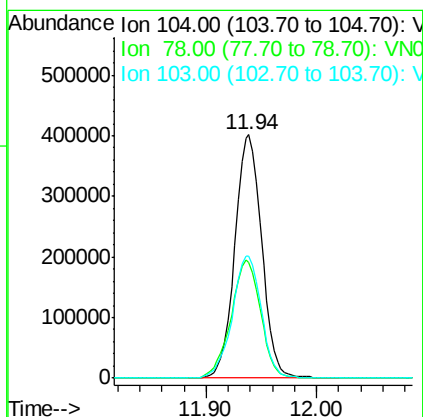
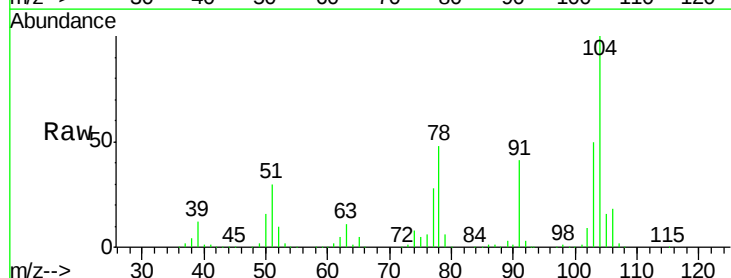
Manual Integrations
APPROVED

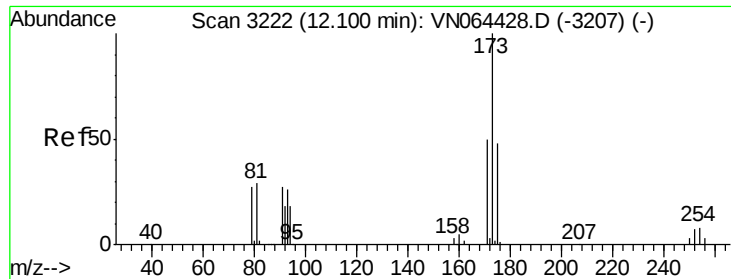
MMDadoda
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#70
Styrene
Concen: 53.348 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:104 Resp: 678759
Ion Ratio Lower Upper
104 100
78 53.6 44.0 66.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 49.950 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 169716

Ion Ratio Lower Upper

173 100

175 49.0 23.7 71.1

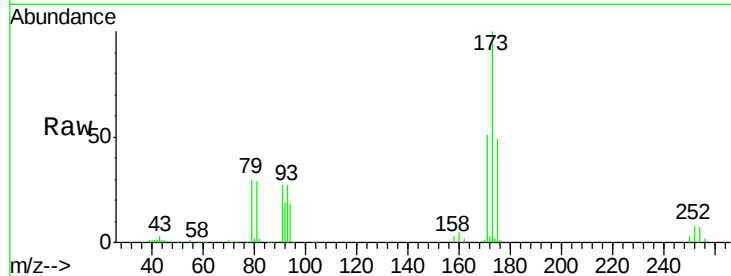
254 0.0 0.0 0.0

Manual Integrations

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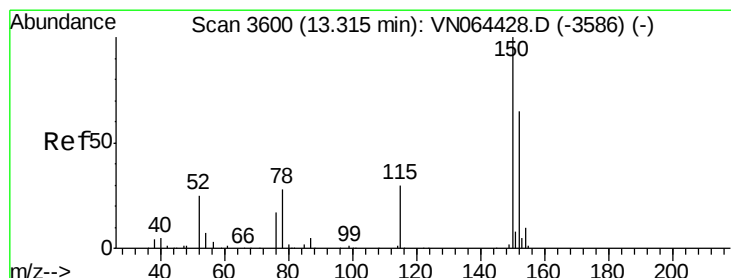
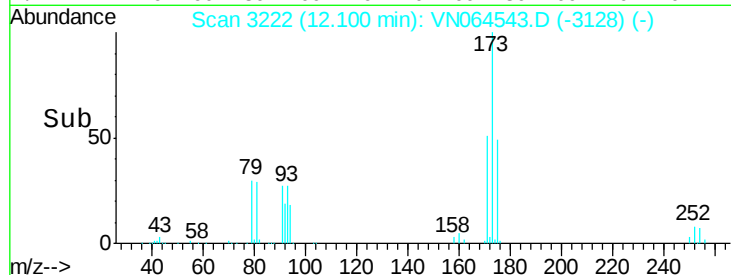
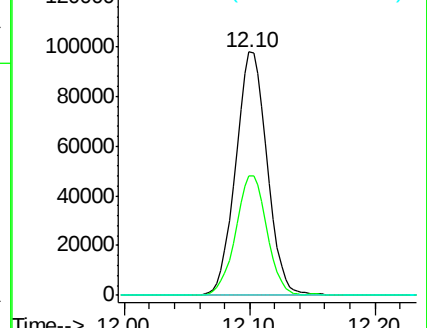
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN064543.D

Acq: 10 Nov 2020 22:14

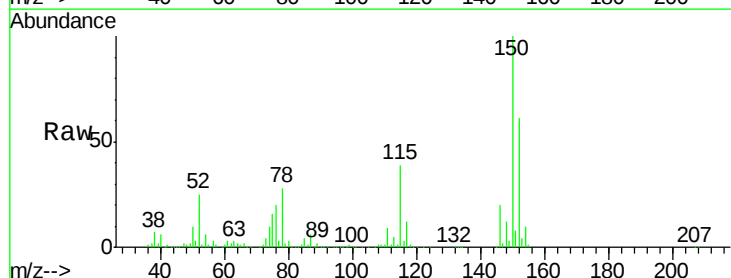
Tgt Ion:152 Resp: 261934

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.0

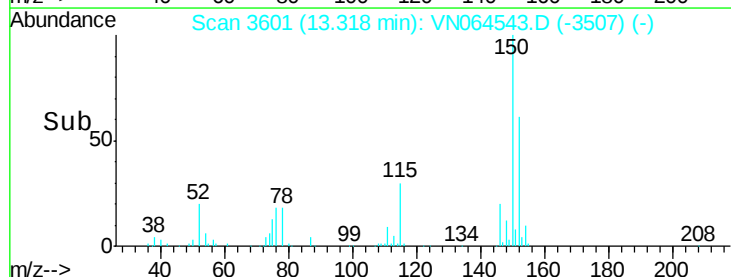
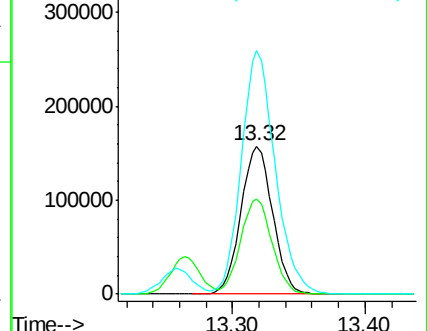
150 174.7 0.0 353.8



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





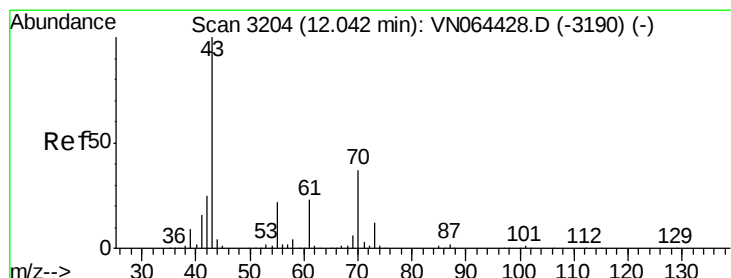
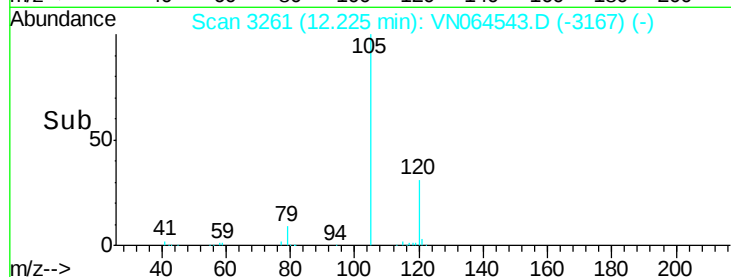
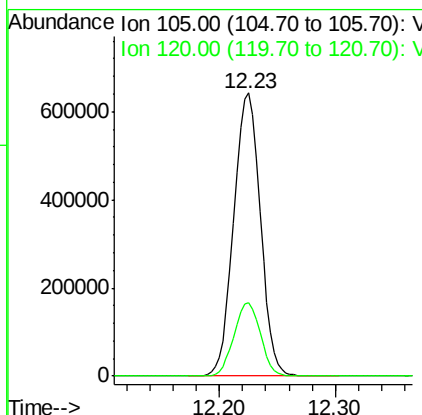
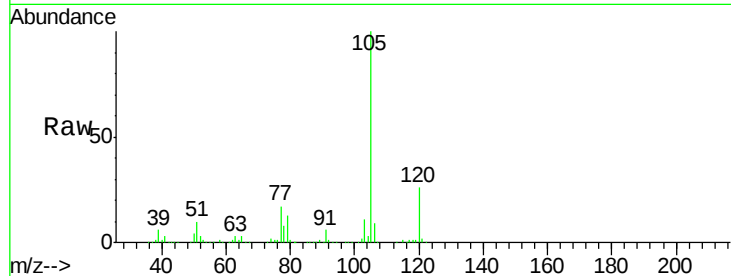
#73
Isopropylbenzene
Concen: 49.024 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1020638
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3

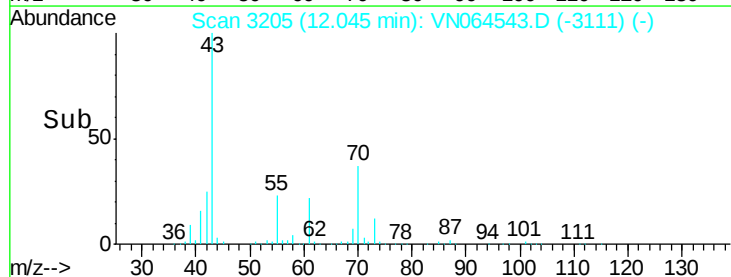
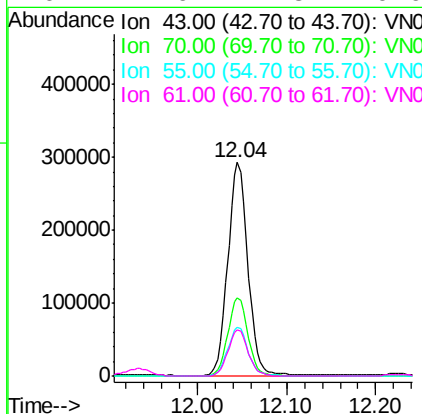
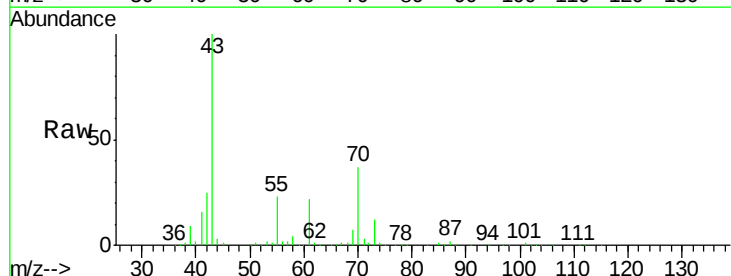
Manual Integrations
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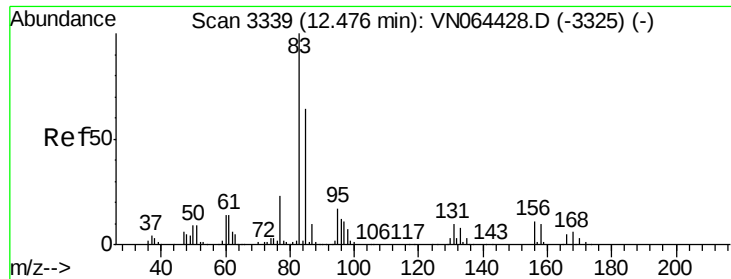
MMDadoda
11/11/2020 1:01:11 PM



#74
N-ethyl acetate
Concen: 45.405 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 43 Resp: 457317
Ion Ratio Lower Upper
43 100
70 36.5 29.6 44.4
55 23.1 18.4 27.6
61 21.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.071 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 320187

Ion Ratio Lower Upper

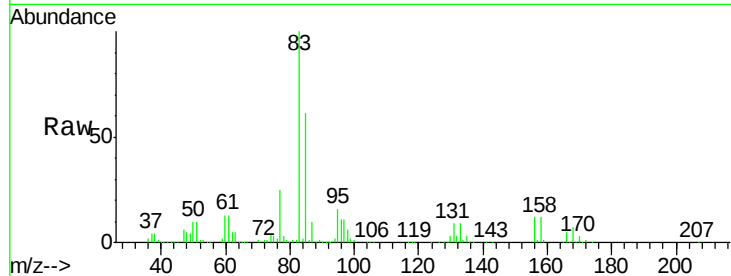
83 100

131 9.8 4.9 14.7

85 62.9 32.1 96.5

Manual Integrations
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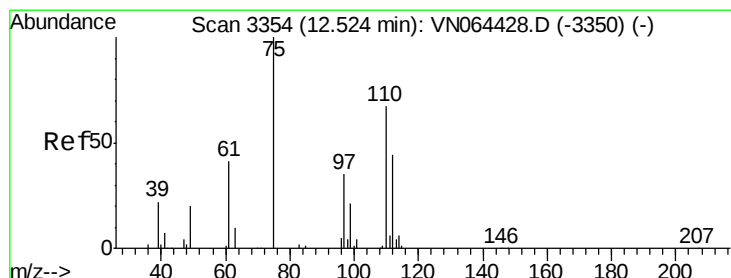
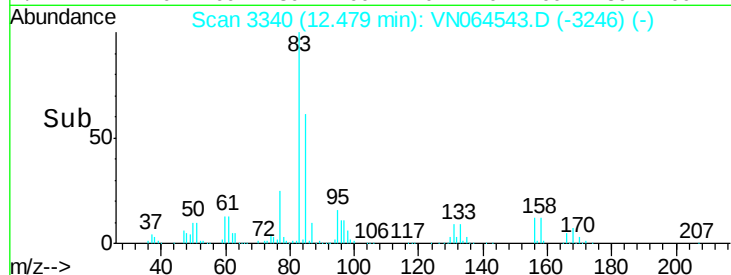
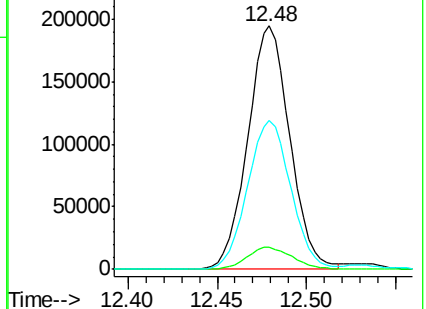
MMDadoda
11/11/2020 1:01:11 PM



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: 47.573 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064543.D

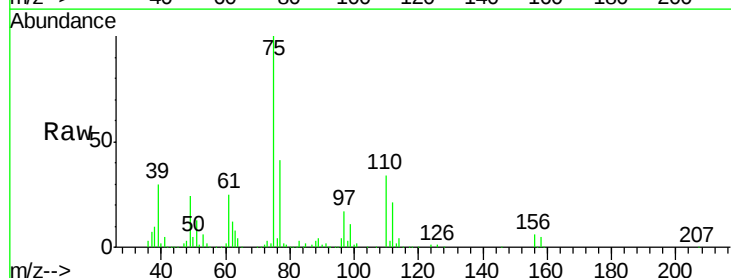
Acq: 10 Nov 2020 22:14

Tgt Ion: 75 Resp: 301919

Ion Ratio Lower Upper

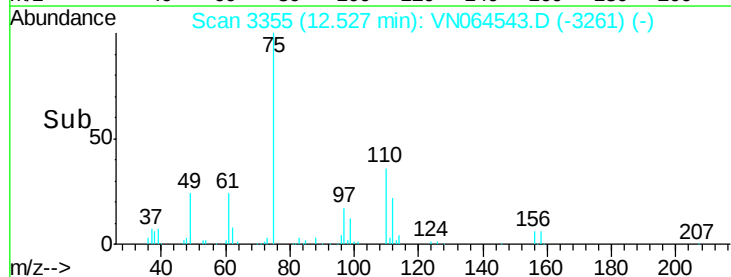
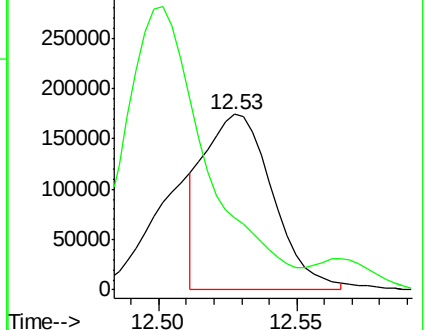
75 100

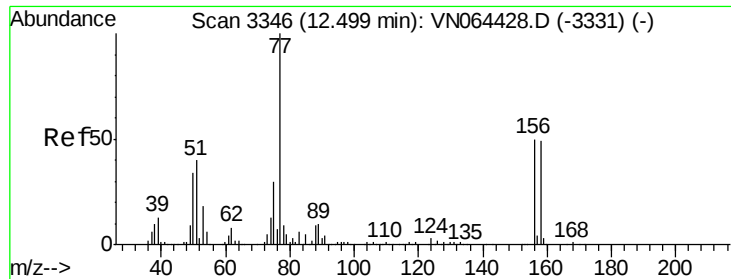
77 0.0 0.0 0.0



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

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





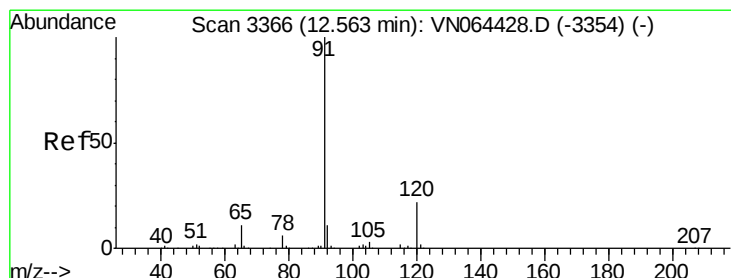
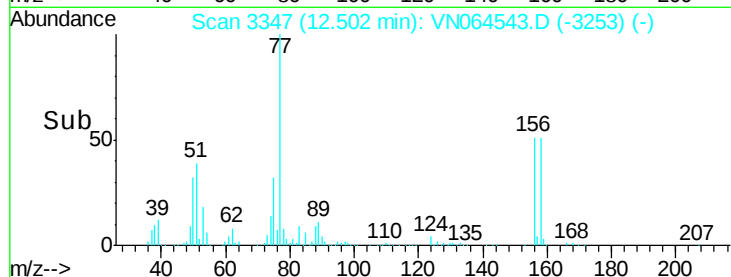
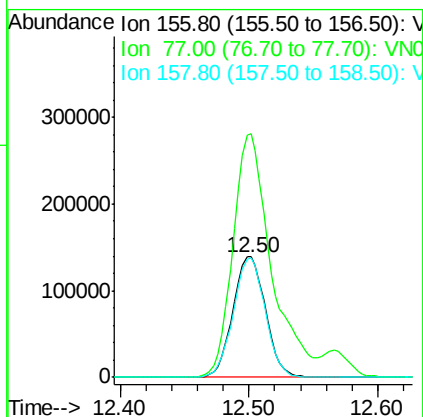
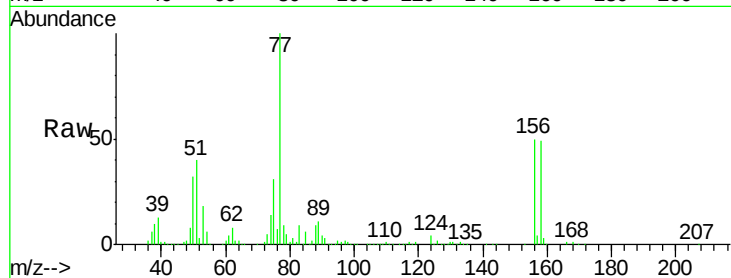
#77
Bromobenzene
Concen: 47.978 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.6	119.0	357.0
158	97.1	48.4	145.3

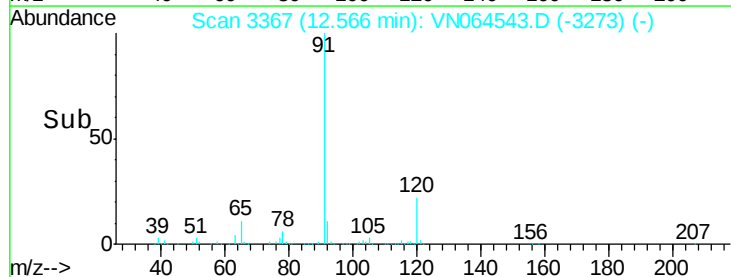
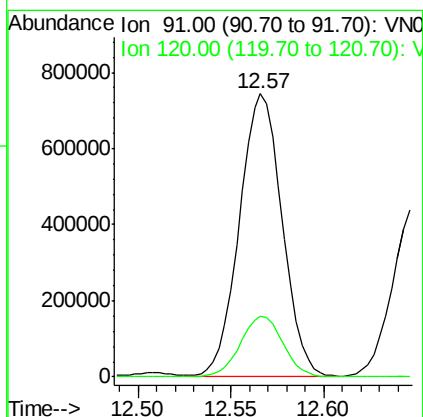
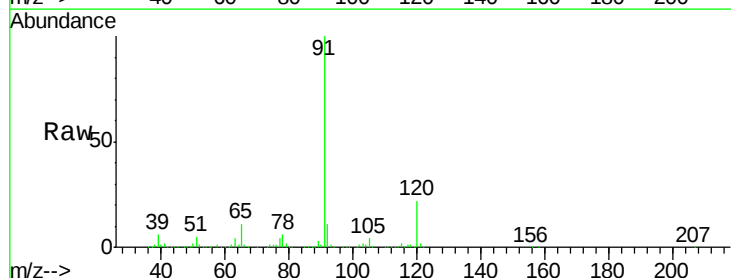
Manual Integrations
APPROVED

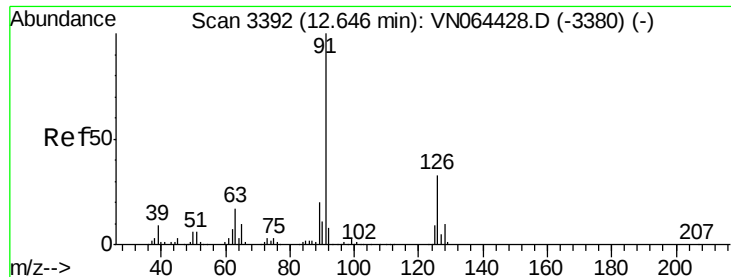
MMDadoda
11/11/2020 1:01:11 PM



#78
n-propylbenzene
Concen: 49.665 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0





#79

2-Chlorotoluene

Concen: 48.677 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 732798

Ion Ratio Lower Upper

91 100

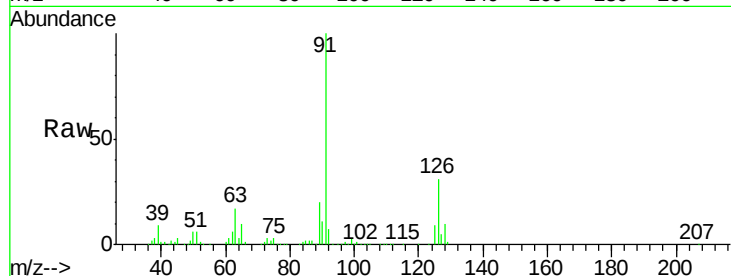
126 31.8 16.4 49.1

Manual Integrations

APPROVED

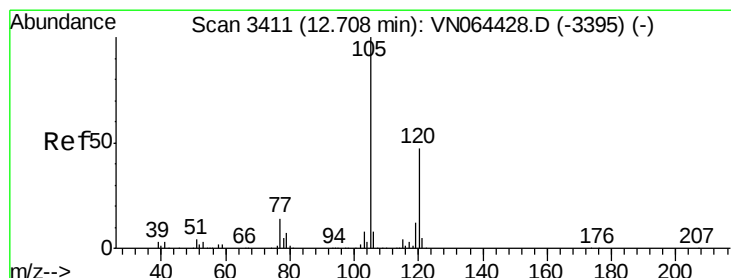
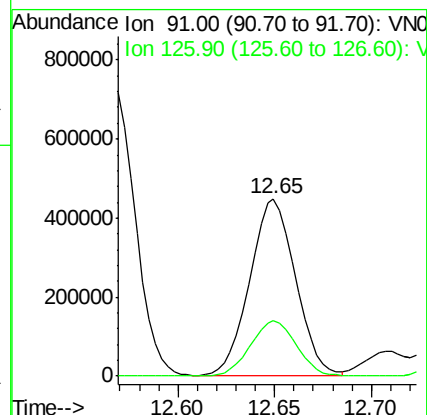
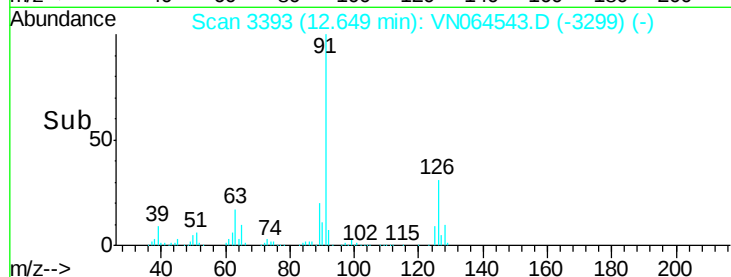
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.807 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064543.D

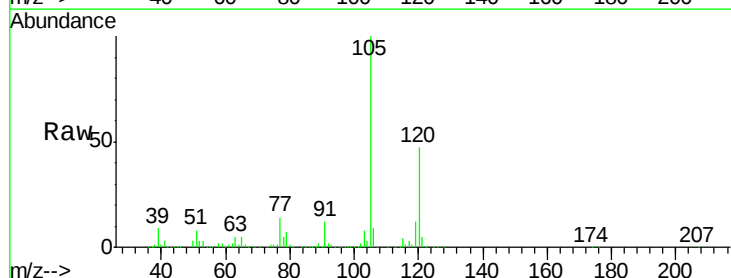
Acq: 10 Nov 2020 22:14

Tgt Ion: 105 Resp: 855457

Ion Ratio Lower Upper

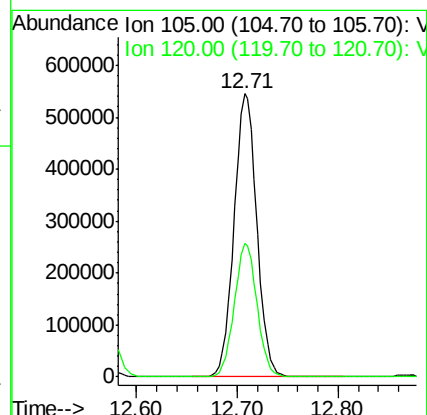
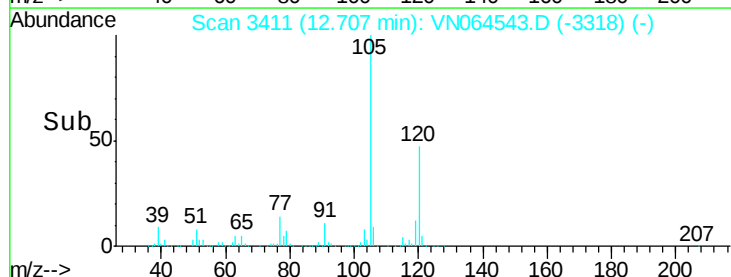
105 100

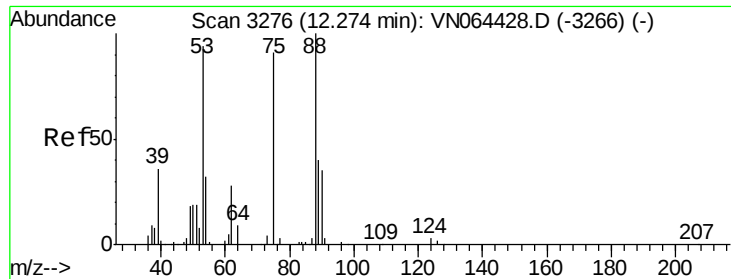
120 47.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





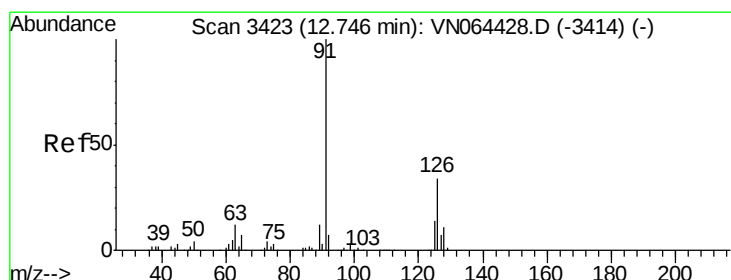
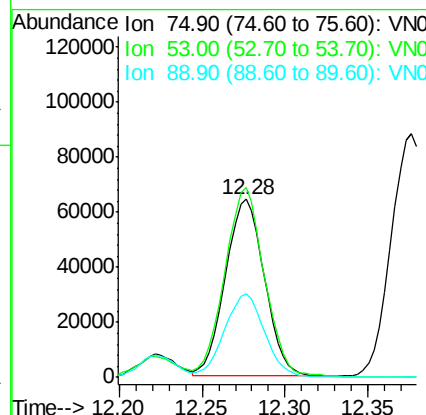
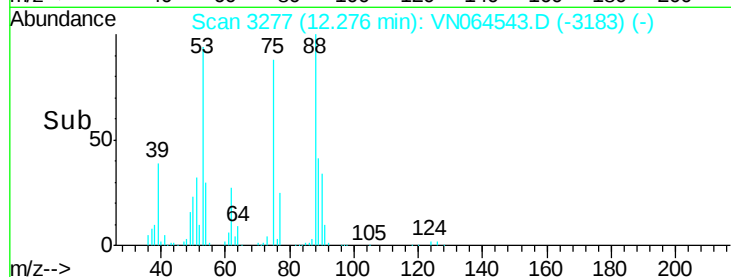
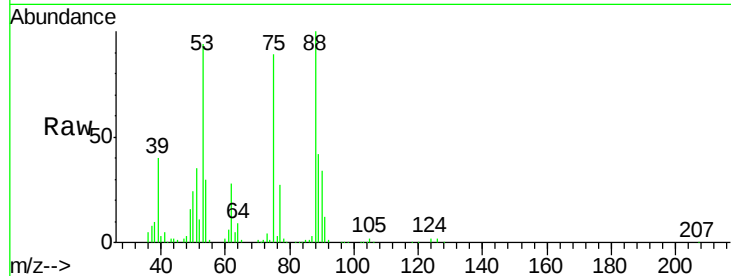
#81
trans-1,4-Dichloro-2-butene
Concen: 46.103 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.4	84.0	126.0
89	49.1	36.3	54.5

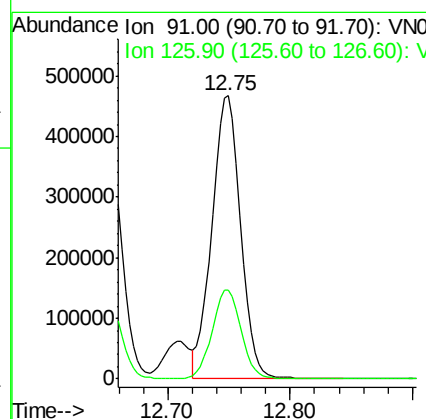
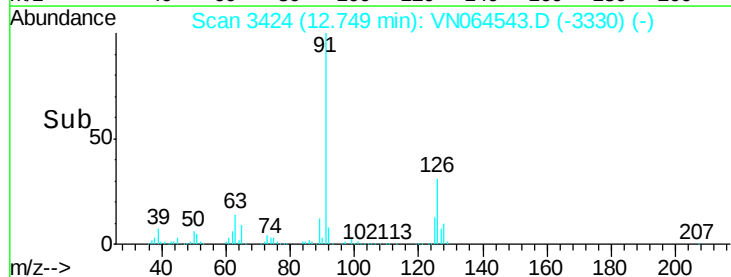
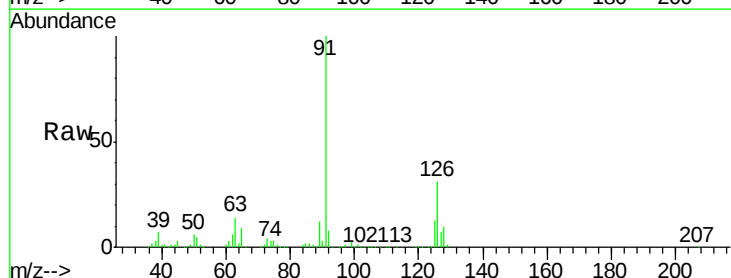
Manual Integrations
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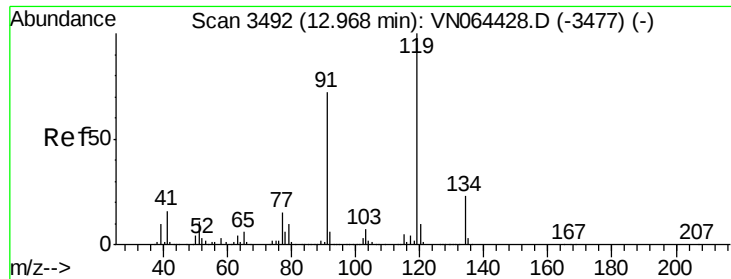
MMDadoda
11/11/2020 1:01:11 PM



#82
4-Chlorotoluene
Concen: 48.585 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.2





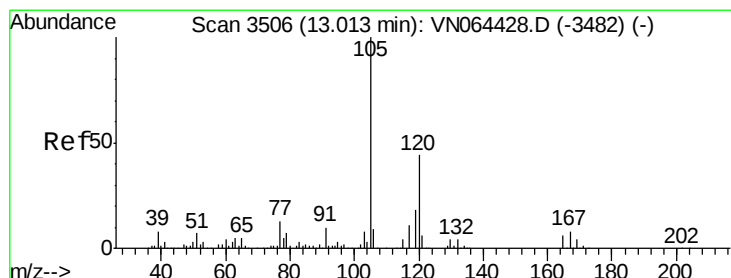
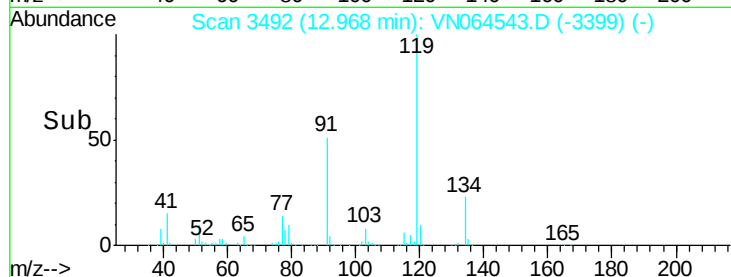
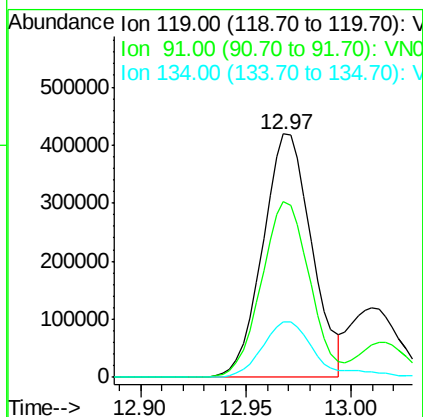
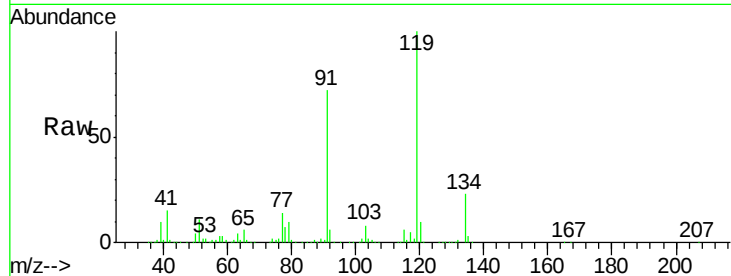
#83
tert-Butylbenzene
Concen: 50.527 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.1	36.1	108.3
134	25.0	11.7	35.1

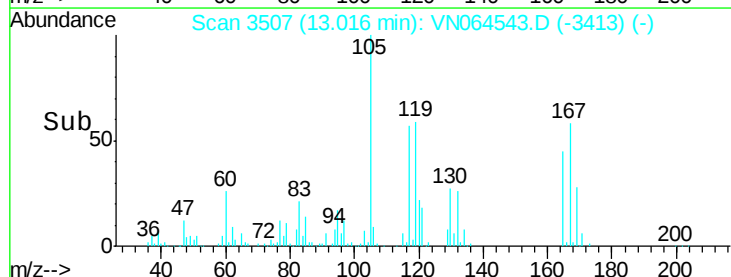
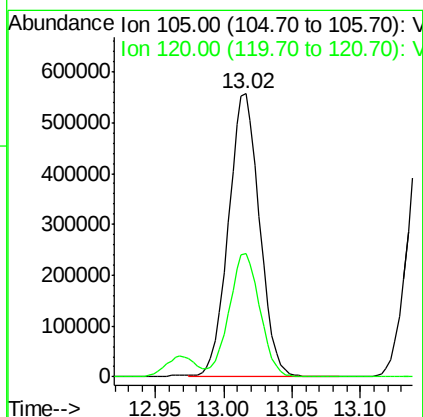
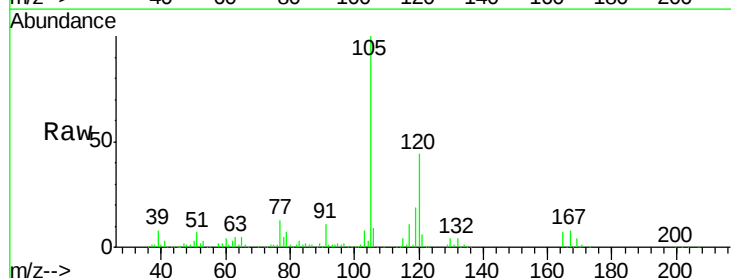
Manual Integrations
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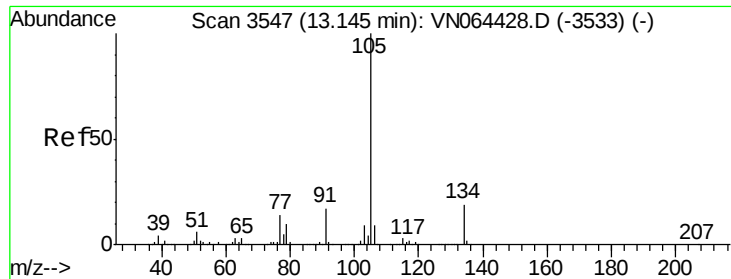
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.864 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.9	65.7





#85

sec-Butylbenzene

Concen: 51.310 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 871697

Ion Ratio Lower Upper

105 100

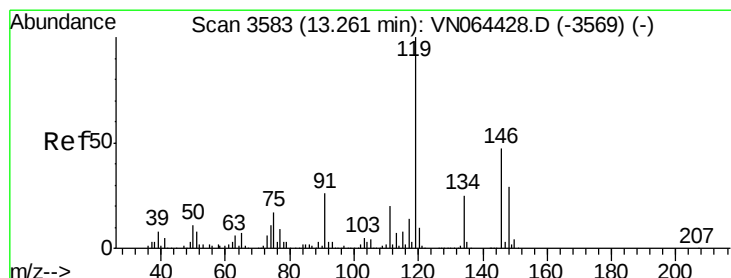
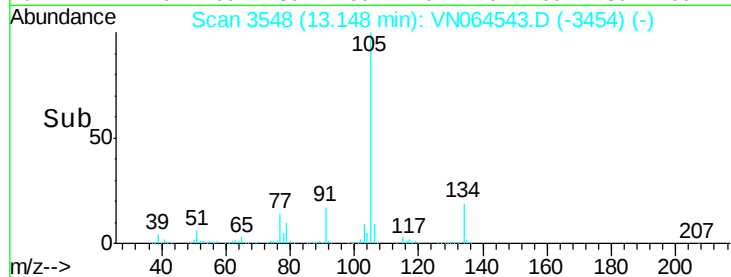
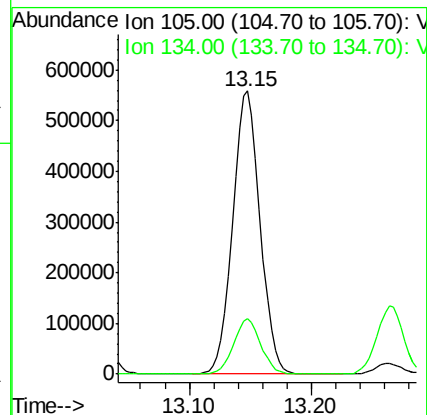
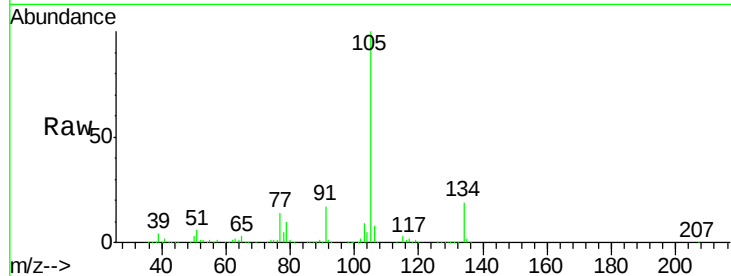
134 19.3 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.313 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

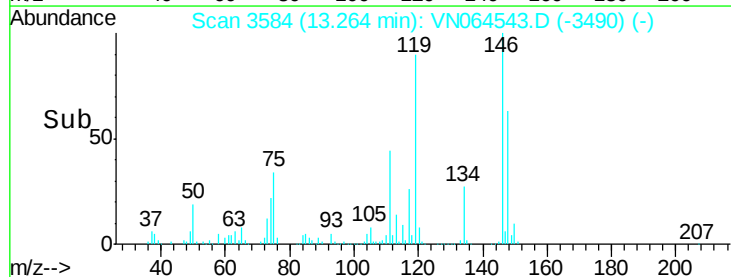
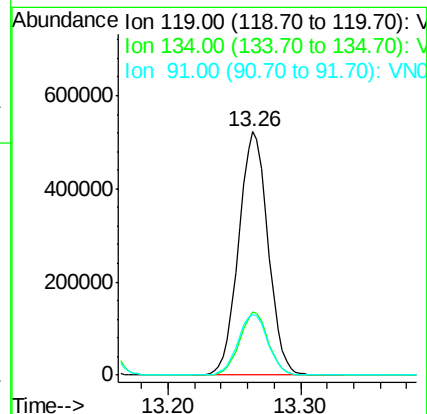
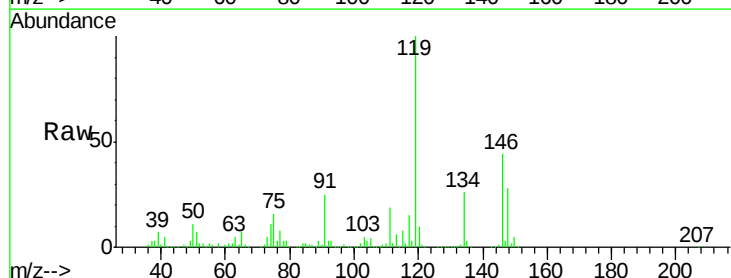
Tgt Ion:119 Resp: 799396

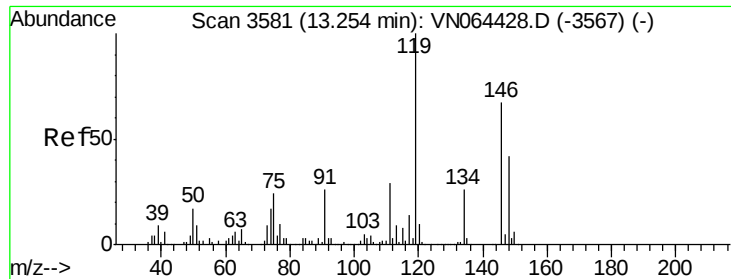
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 25.4 12.8 38.3





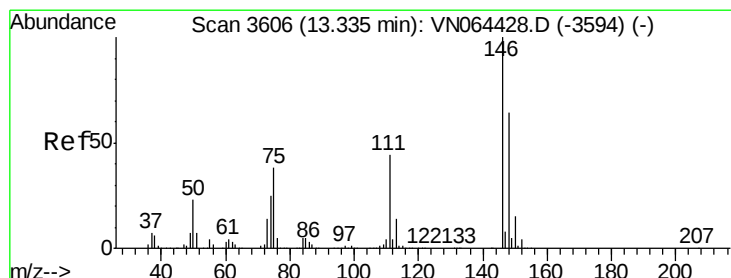
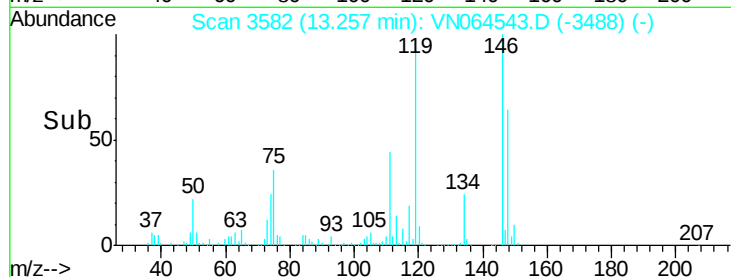
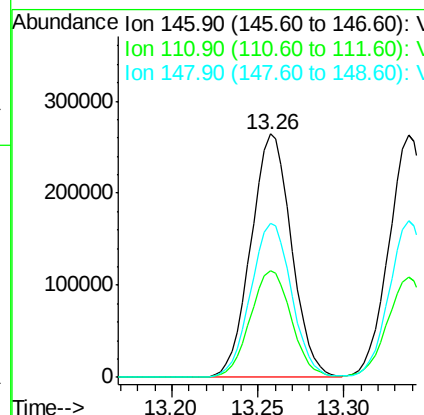
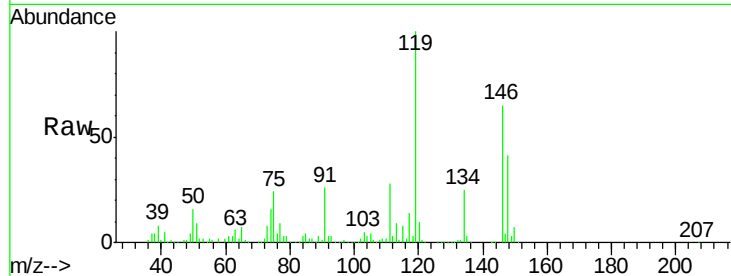
#87
 1,3-Dichlorobenzene
 Concen: 49.321 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.1
148	63.8	31.7	95.1

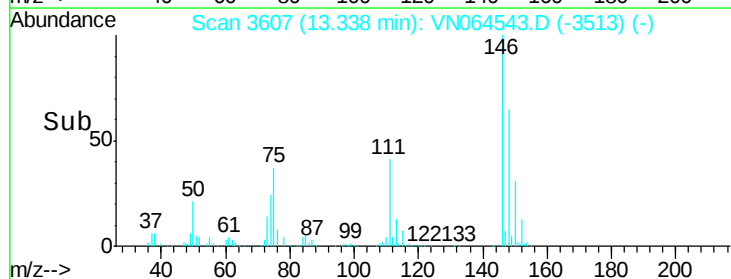
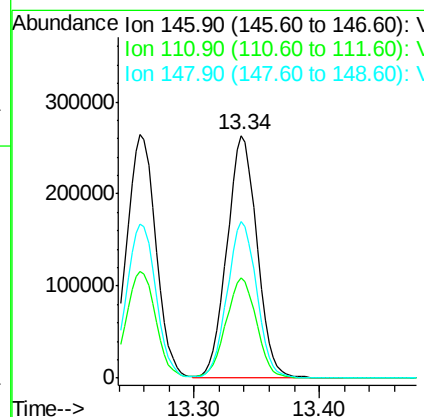
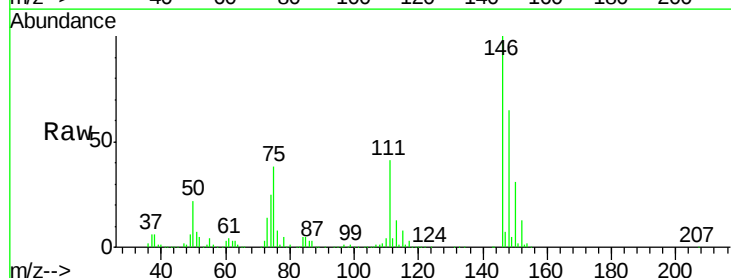
Manual Integrations
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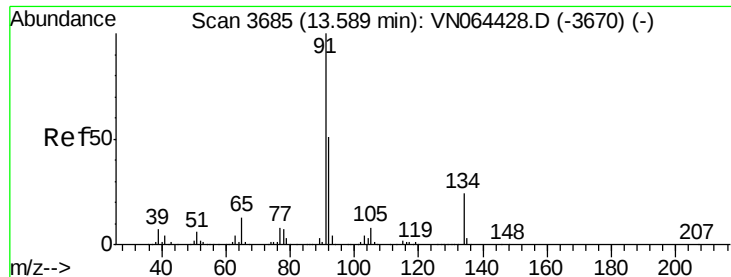
MMDadoda
 11/11/2020 1:01:11 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.059 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.8	65.3
148	63.4	32.4	97.2





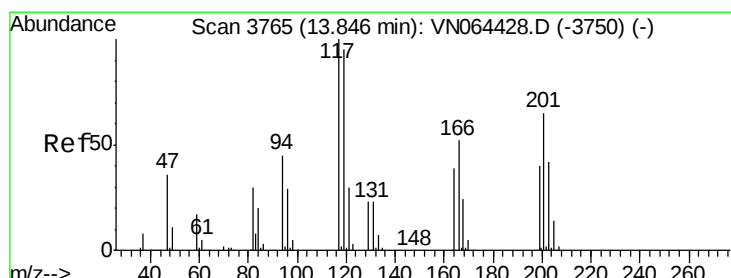
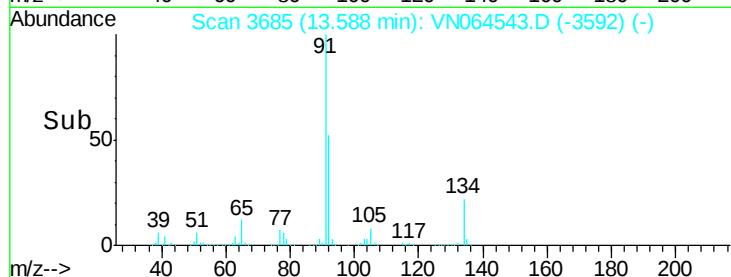
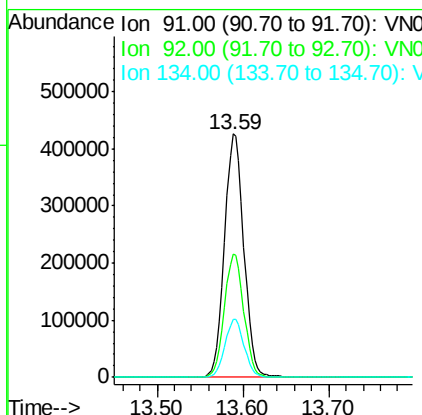
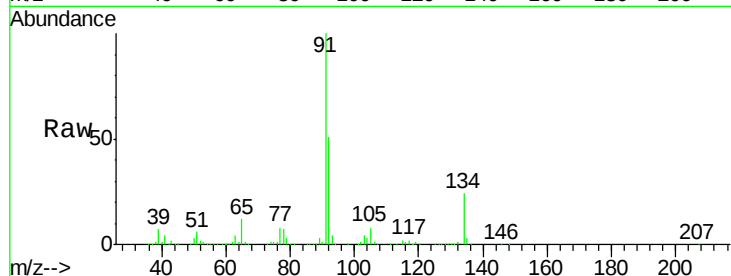
#89
n-Butylbenzene
Concen: 50.834 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.3	75.9
134	23.6	11.8	35.4

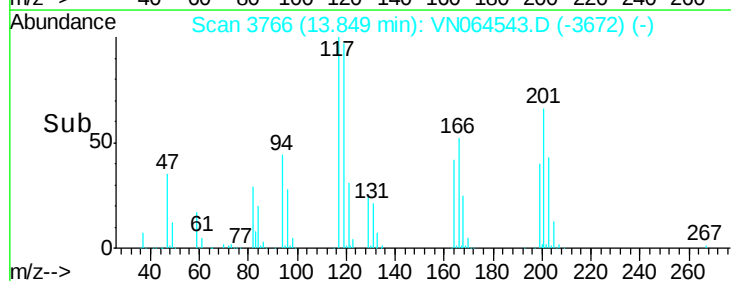
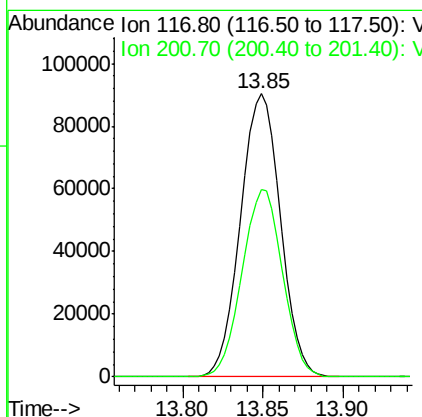
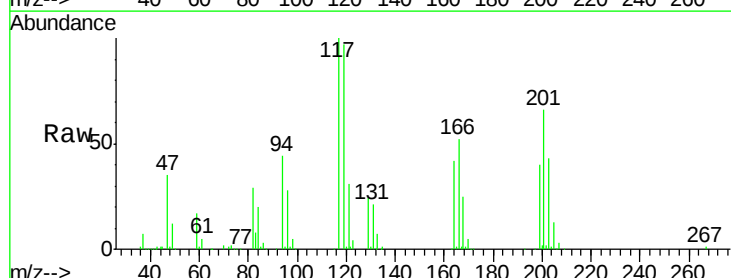
Manual Integrations
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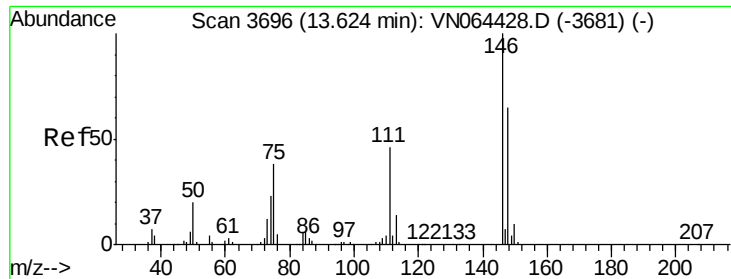
MMDadoda
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#90
Hexachloroethane
Concen: 52.203 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	32.5	97.5





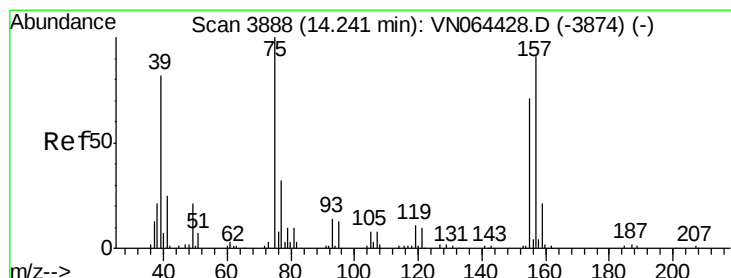
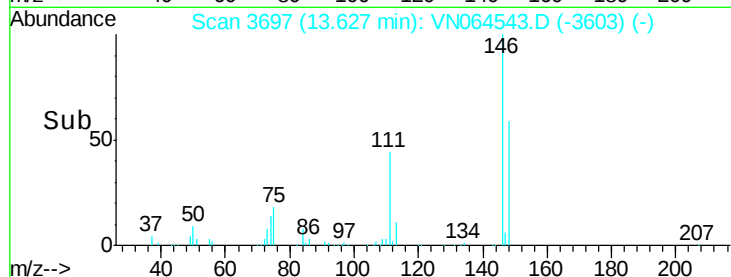
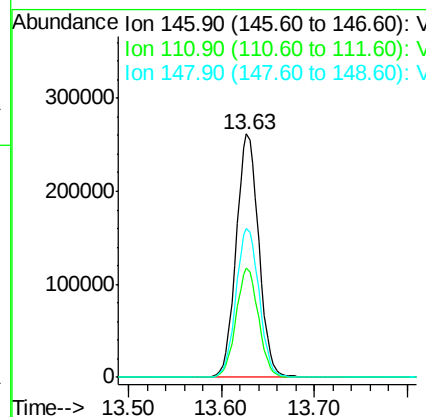
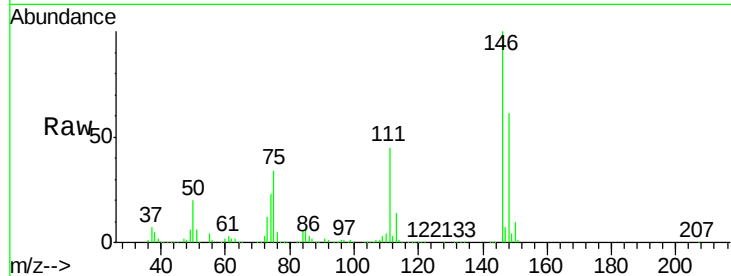
#91
 1,2-Dichlorobenzene
 Concen: 52.239 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.9	68.7
148	62.5	32.0	96.2

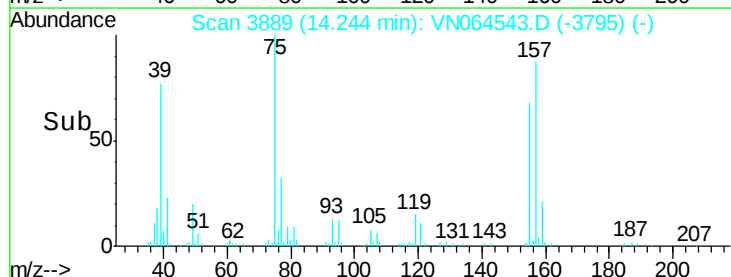
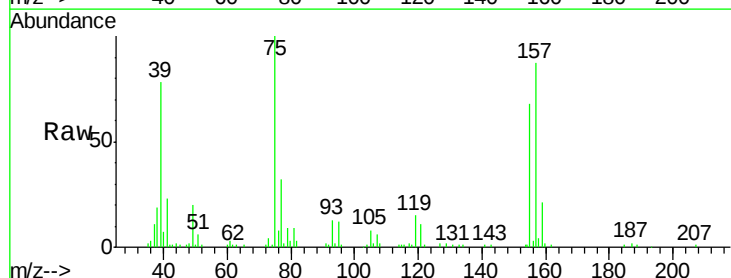
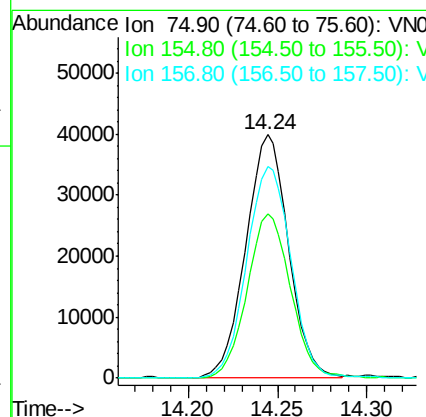
Manual Integrations
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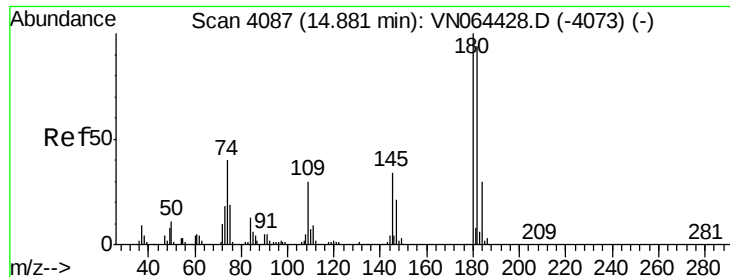
MMDadoda
 11/11/2020 1:01:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.577 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	34.6	103.9
157	90.1	43.0	128.8





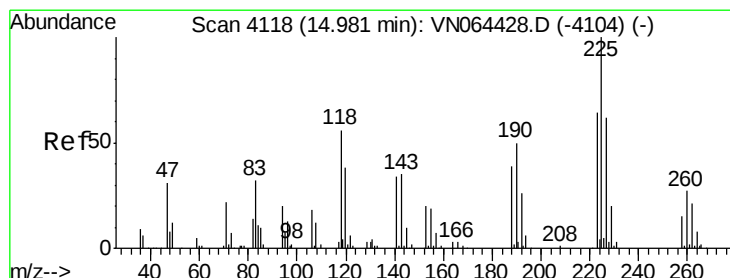
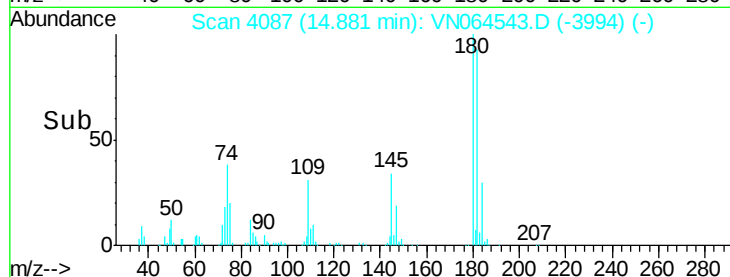
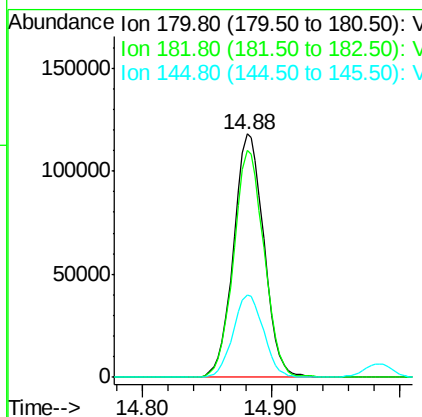
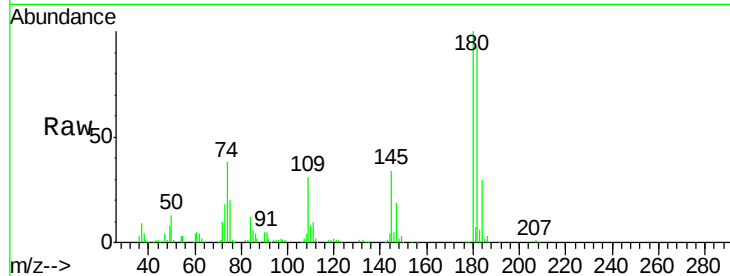
#93
 1,2,4-Trichlorobenzene
 Concen: 46.033 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	34.3	16.7	50.1

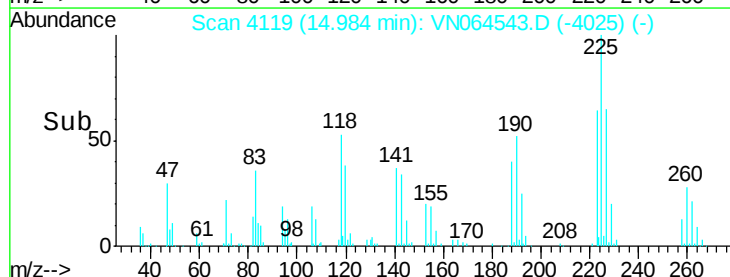
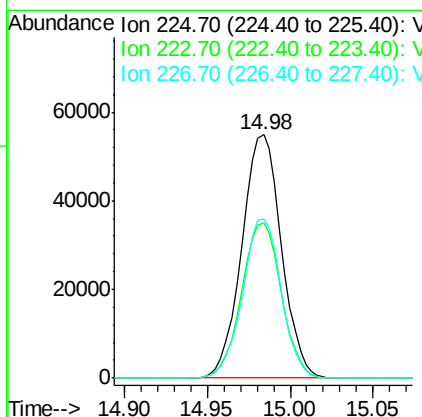
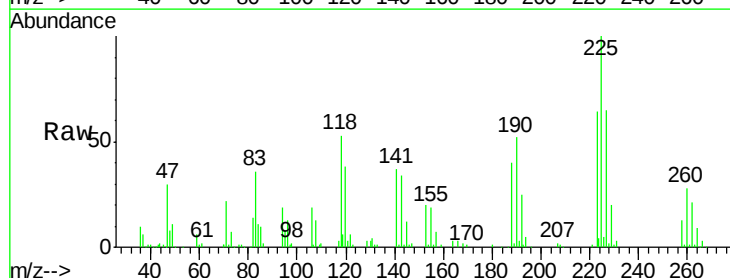
Manual Integrations
 APPROVED

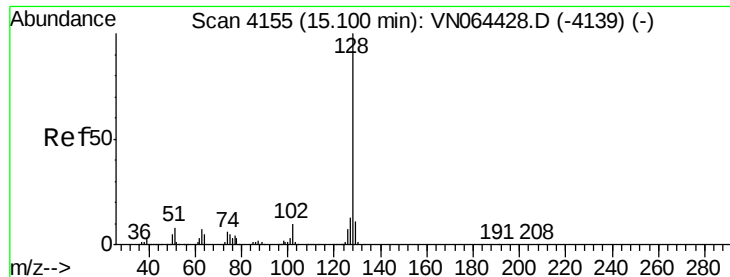
MMDadoda
 11/11/2020 1:01:11 PM



#94
 Hexachlorobutadiene
 Concen: 52.896 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.8	95.4
227	64.0	31.8	95.4





#95

Naphthalene

Concen: 44.381 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

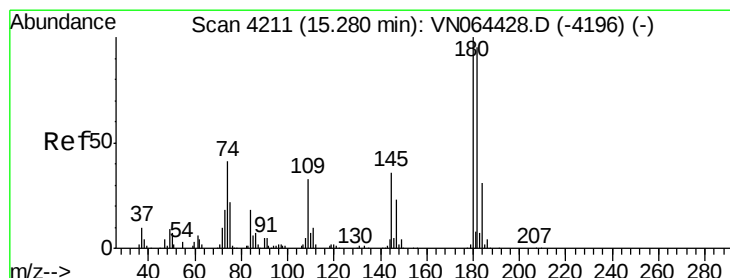
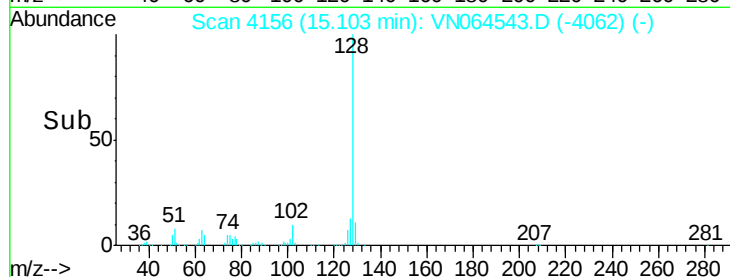
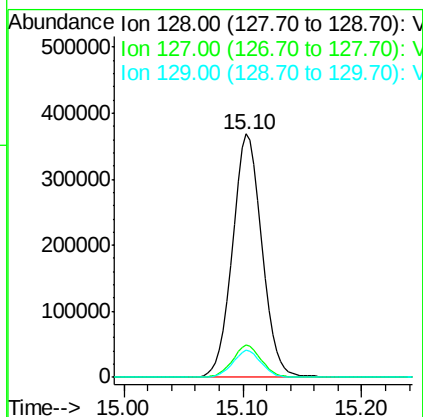
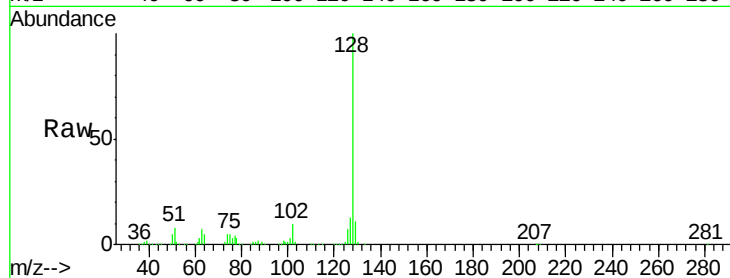
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	631281
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/11/2020 1:01:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.704 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion:	180	Resp:	193430
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.7	143.1
145	35.6	18.3	54.8

