

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064598.D
 Acq On : 12 Nov 2020 22:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:06 AM

Quant Time: Nov 13 04:07:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	529863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	240461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	254628	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.55	113	175522	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.06	98	677503	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	255539	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	175379	45.351	ug/l	97
3) Chloromethane	2.04	50	209723	44.648	ug/l	99
4) Vinyl Chloride	2.17	62	231973	48.091	ug/l	98
5) Bromomethane	2.52	94	156598	50.819	ug/l	96
6) Chloroethane	2.67	64	159376	51.607	ug/l	97
7) Trichlorofluoromethane	2.98	101	372294	52.415	ug/l	98
8) Diethyl Ether	3.37	74	133128	53.076	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	161922	48.007	ug/l	98
10) Methyl Iodide	3.91	142	205738	52.495	ug/l	99
11) Tert butyl alcohol	4.76	59	158969	278.574	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153052	48.173	ug/l	98
13) Acrolein	3.57	56	97613	275.768	ug/l	98
14) Allyl chloride	4.27	41	286655	46.122	ug/l	99
15) Acrylonitrile	4.94	53	452646	284.905	ug/l	98
16) Acetone	3.78	43	421453	213.816	ug/l	99
17) Carbon Disulfide	4.00	76	446995	47.046	ug/l	99
18) Methyl Acetate	4.28	43	231560	59.755	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	573479	50.152	ug/l	97
20) Methylene Chloride	4.50	84	192076	49.114	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	175414	48.626	ug/l	97
22) Diisopropyl ether	5.91	45	659450	49.984	ug/l	99
23) Vinyl Acetate	5.85	43	2745925	255.848	ug/l	98
24) 1,1-Dichloroethane	5.80	63	359093	49.532	ug/l	100
25) 2-Butanone	6.79	43	659097	262.436	ug/l	98
26) 2,2-Dichloropropane	6.78	77	279307	42.559	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	202960	48.554	ug/l	97
28) Bromochloromethane	7.15	49	173441	48.672	ug/l	99
29) Tetrahydrofuran	7.17	42	423430	274.805	ug/l	97
30) Chloroform	7.33	83	389163	51.067	ug/l	99
31) Cyclohexane	7.61	56	278921	44.341	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	343707	50.852	ug/l	98
36) 1,1-Dichloropropene	7.75	75	272496	48.681	ug/l	98
37) Ethyl Acetate	6.89	43	284483	50.073	ug/l	100
38) Carbon Tetrachloride	7.73	117	300262	50.190	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231820	46.199	ug/l	93
40) Benzene	8.00	78	800486	48.666	ug/l	98
41) Methacrylonitrile	7.13	41	136957	55.187	ug/l	91
42) 1,2-Dichloroethane	8.09	62	337717	50.876	ug/l	99
43) Isopropyl Acetate	8.13	43	473545	52.202	ug/l	99
44) Trichloroethene	8.80	130	203400	49.012	ug/l	97
45) 1,2-Dichloropropane	9.08	63	219488	50.010	ug/l	96
46) Dibromomethane	9.17	93	154525	53.484	ug/l	97
47) Bromodichloromethane	9.37	83	329844	53.095	ug/l	99
48) Methyl methacrylate	9.17	41	243843	53.270	ug/l	99
49) 1,4-Dioxane	9.17	88	69729	1156.526	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1520834	287.481	ug/l	100
52) Toluene	10.13	92	508891	50.725	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	332297	50.454	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	353569	50.211	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211275	53.999	ug/l	99
56) Ethyl methacrylate	10.40	69	302607	47.119	ug/l	98
57) 1,3-Dichloropropane	10.68	76	362257	53.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	788427	258.409	ug/l	97
59) 2-Hexanone	10.72	43	1111592	257.557	ug/l	100
60) Dibromochloromethane	10.87	129	240780	54.966	ug/l	99
61) 1,2-Dibromoethane	10.98	107	217437	54.790	ug/l	100
64) Tetrachloroethene	10.60	164	186388	48.081	ug/l	97
65) Chlorobenzene	11.41	112	542241	49.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	217869	52.935	ug/l	99
67) Ethyl Benzene	11.49	91	996683	50.789	ug/l	99
68) m/p-Xylenes	11.59	106	733180	103.021	ug/l	98
69) o-Xylene	11.92	106	347302	50.501	ug/l	99
70) Styrene	11.94	104	615252	53.166	ug/l	99
71) Bromoform	12.10	173	161634	52.243	ug/l #	98
73) Isopropylbenzene	12.22	105	918742	48.070	ug/l	100
74) N-amyl acetate	12.05	43	428761	46.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	306548	52.219	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	290229m	49.815	ug/l	
77) Bromobenzene	12.50	156	223002	47.791	ug/l	99
78) n-propylbenzene	12.57	91	1097954	50.388	ug/l	99
79) 2-Chlorotoluene	12.65	91	677901	49.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	791473	50.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	99960	47.905	ug/l	95
82) 4-Chlorotoluene	12.75	91	707265	48.867	ug/l	99
83) tert-Butylbenzene	12.97	119	614016	49.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	809078	51.044	ug/l	100
85) sec-Butylbenzene	13.15	105	807897	51.802	ug/l	99
86) p-Isopropyltoluene	13.26	119	731586	52.151	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	395205	48.995	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	398016	47.748	ug/l	99
89) n-Butylbenzene	13.59	91	606974	50.323	ug/l	99
90) Hexachloroethane	13.85	117	145970	53.941	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	400294	51.591	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66942	57.274	ug/l	99

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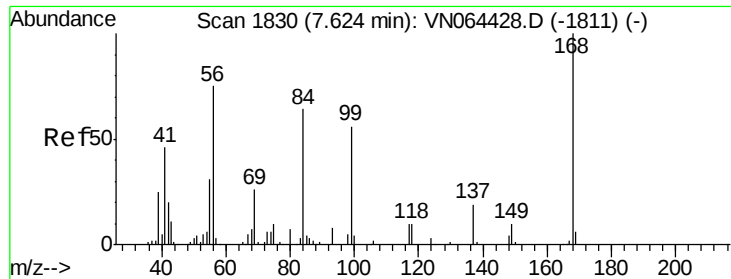
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170672	44.540	ug/l	98
94) Hexachlorobutadiene	14.98	225	86842	54.973	ug/l	98
95) Naphthalene	15.10	128	568897	43.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176929	47.541	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

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 297076

Ion Ratio Lower Upper

168 100

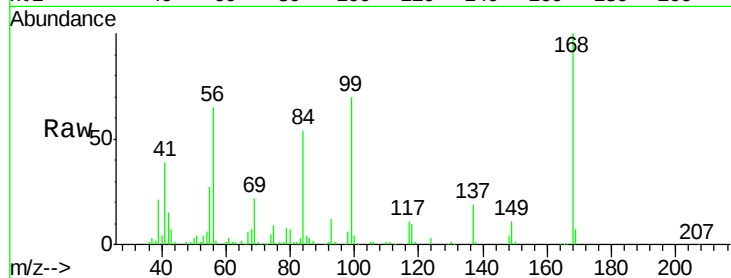
99 69.3 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

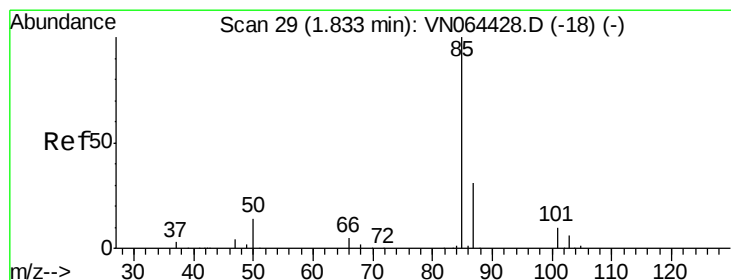
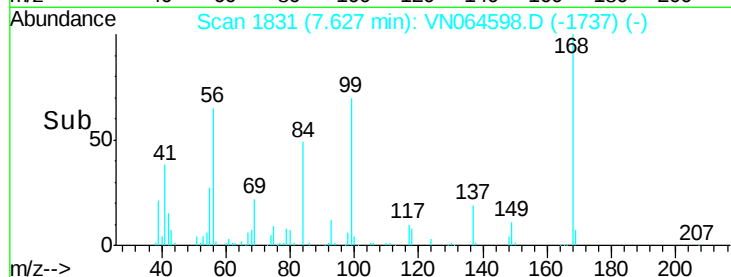
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.351 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064598.D

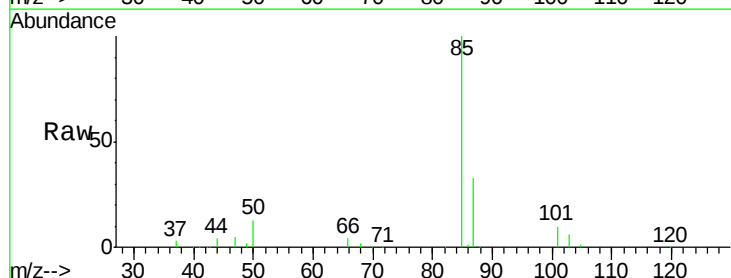
Acq: 12 Nov 2020 22:29

Tgt Ion: 85 Resp: 175379

Ion Ratio Lower Upper

85 100

87 33.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

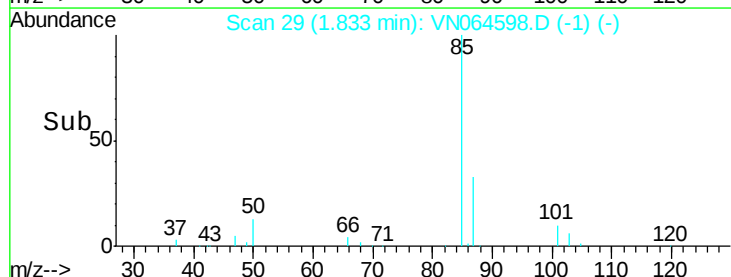
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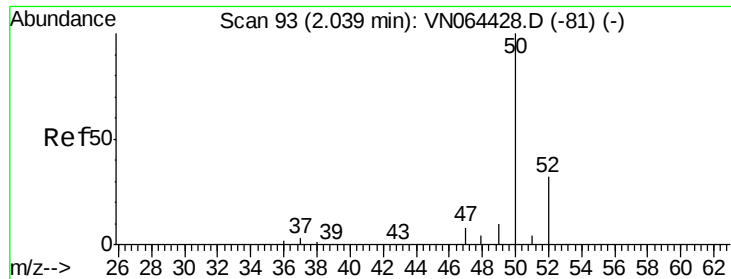
100000

50000

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Time-->





#3

Chloromethane

Concen: 44.648 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 209723

Ion Ratio Lower Upper

50 100

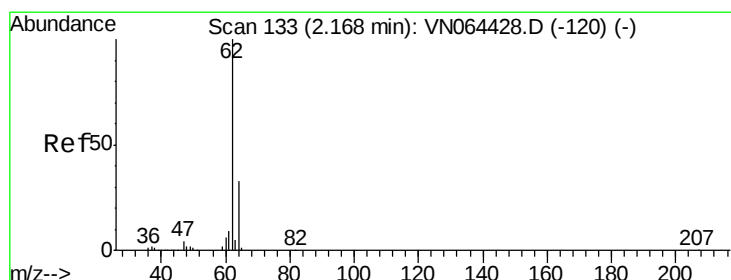
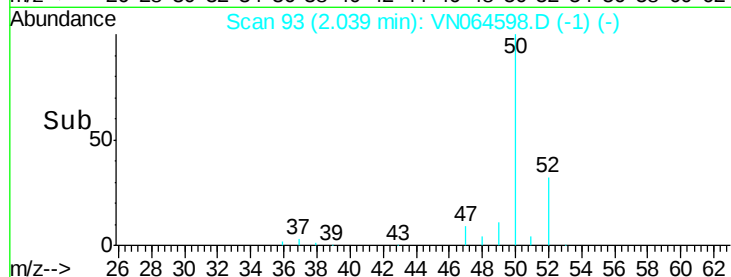
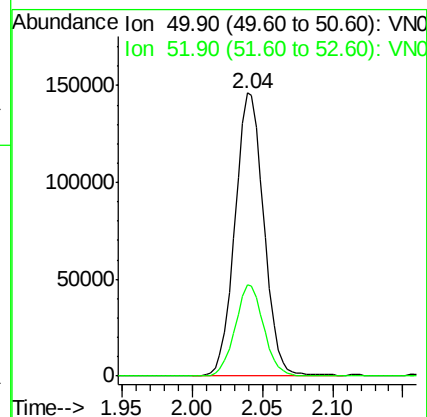
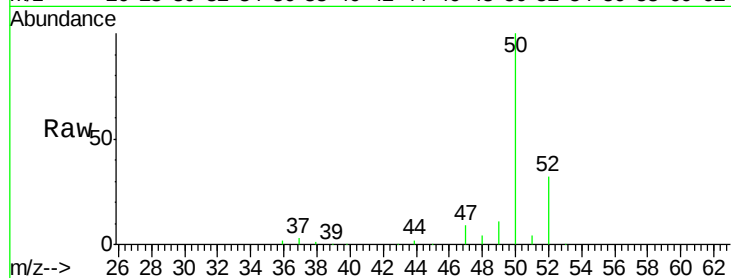
52 32.3 25.3 37.9

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#4

Vinyl Chloride

Concen: 48.091 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064598.D

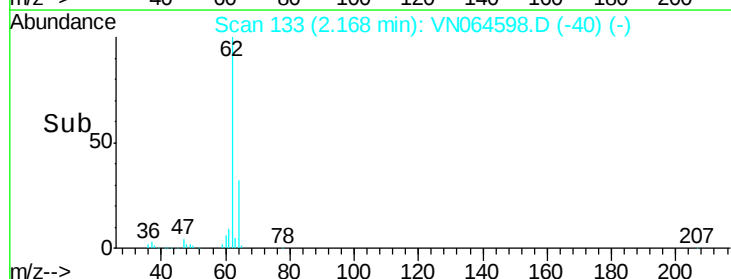
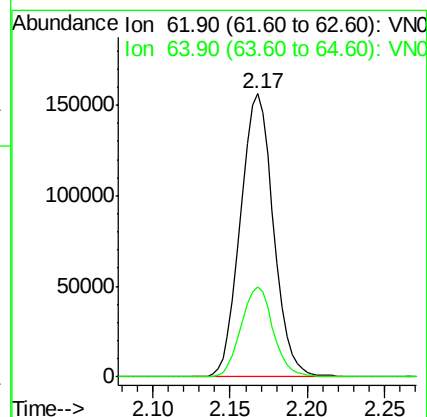
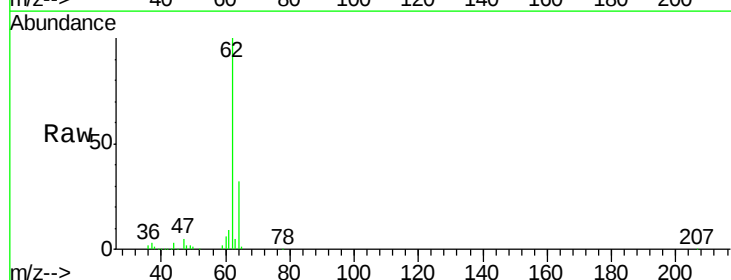
Acq: 12 Nov 2020 22:29

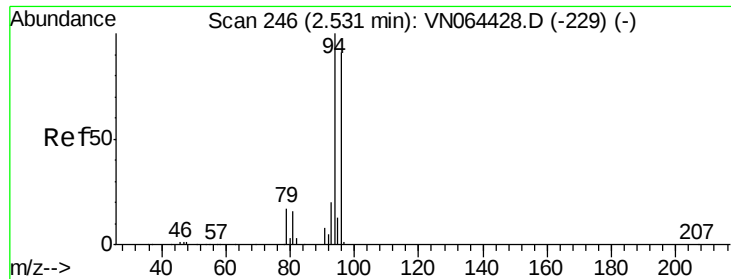
Tgt Ion: 62 Resp: 231973

Ion Ratio Lower Upper

62 100

64 31.9 26.3 39.5





#5

Bromomethane

Concen: 50.819 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 156598

Ion Ratio Lower Upper

94 100

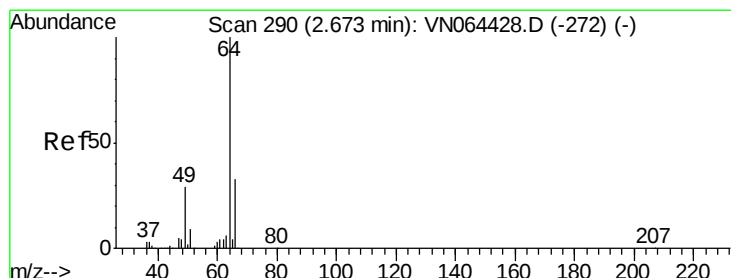
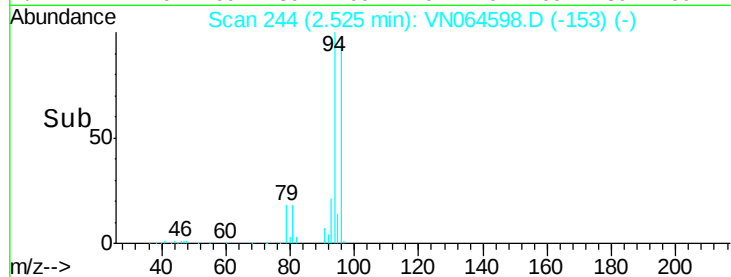
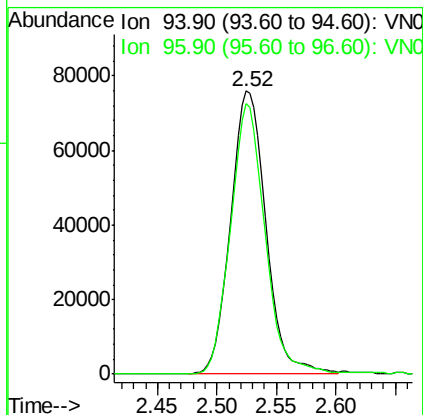
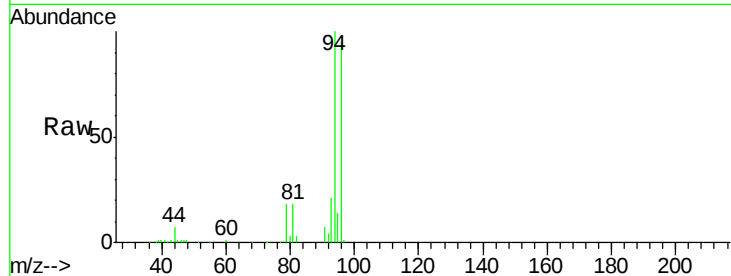
96 95.5 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 51.607 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064598.D

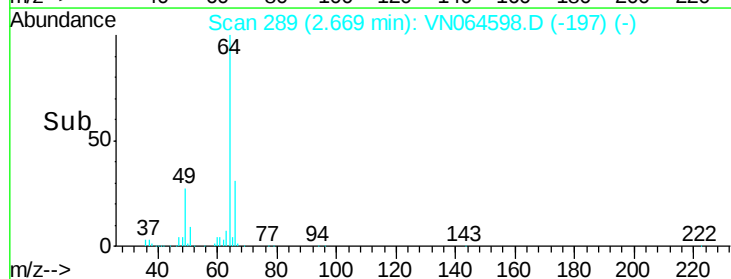
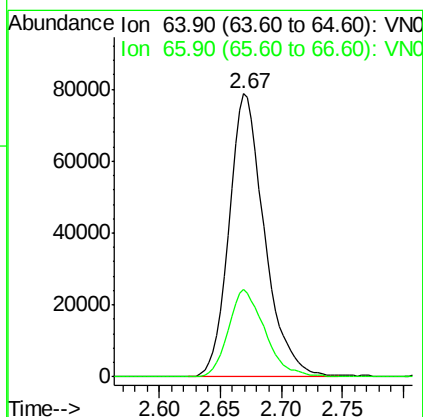
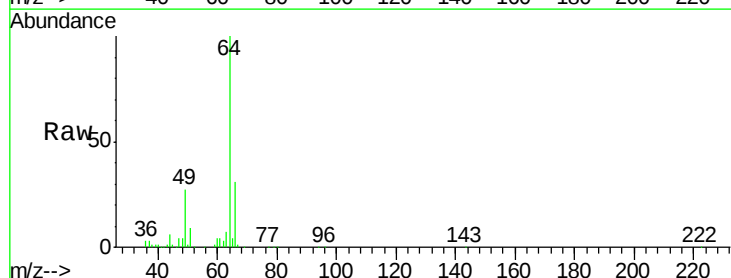
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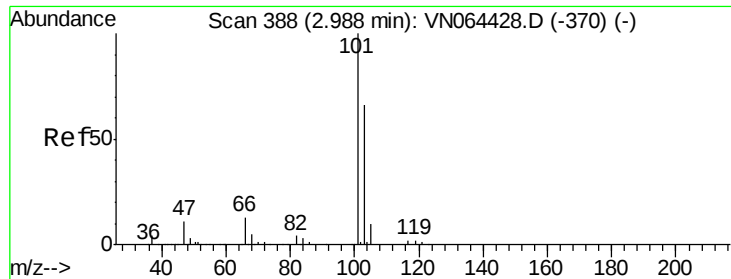
Tgt Ion: 64 Resp: 159376

Ion Ratio Lower Upper

64 100

66 31.0 26.1 39.1





#7

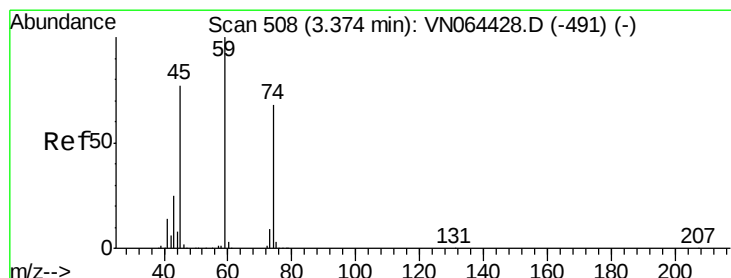
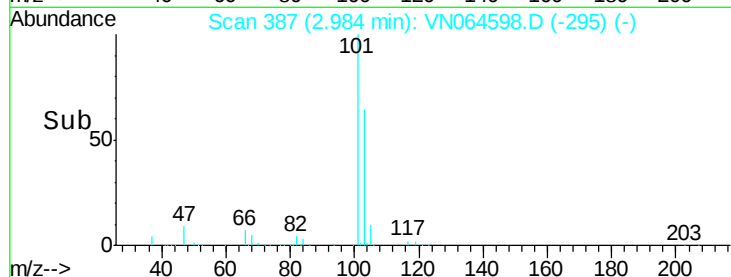
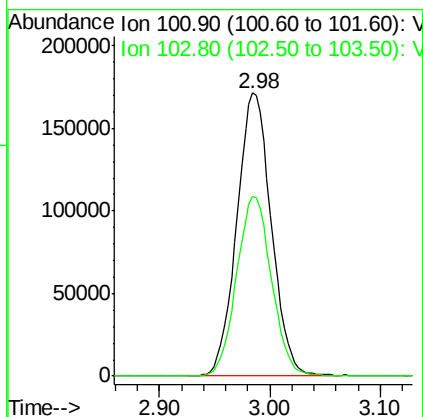
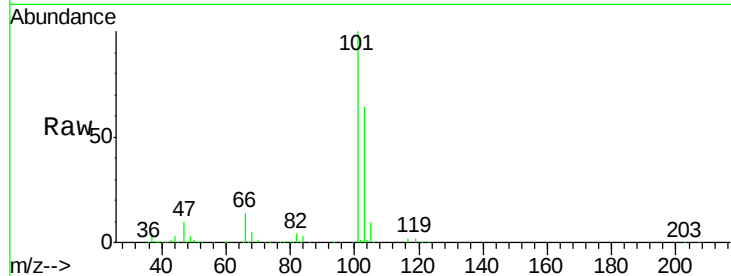
Trichlorofluoromethane
Concen: 52.415 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064598.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.4	78.6

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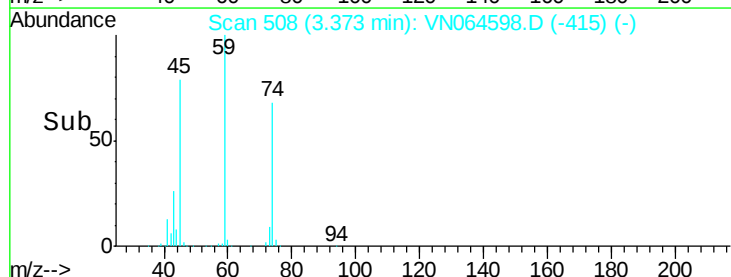
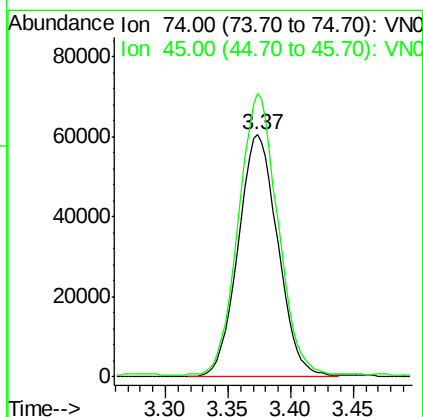
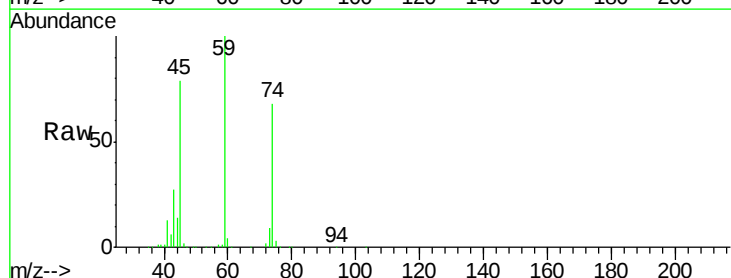
MMDadoda
11/13/2020 11:43:06 AM

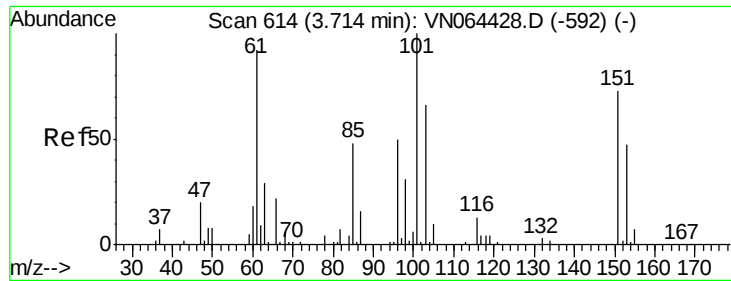


#8

Diethyl Ether
Concen: 53.076 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.8	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.007 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

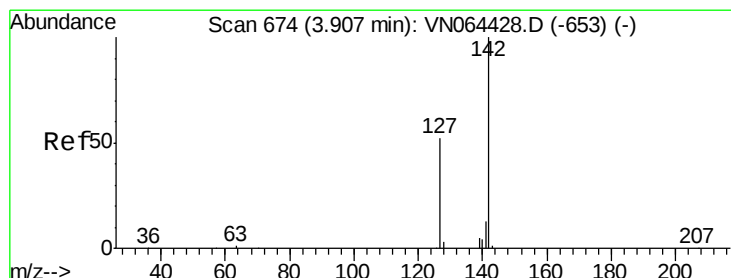
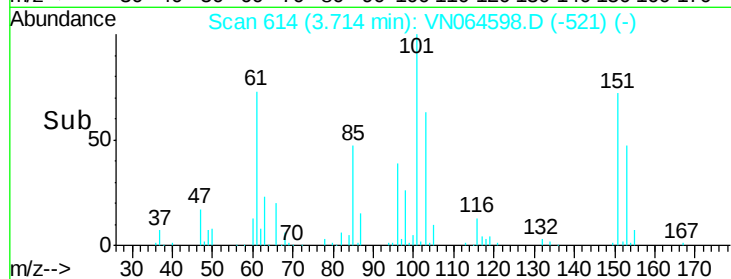
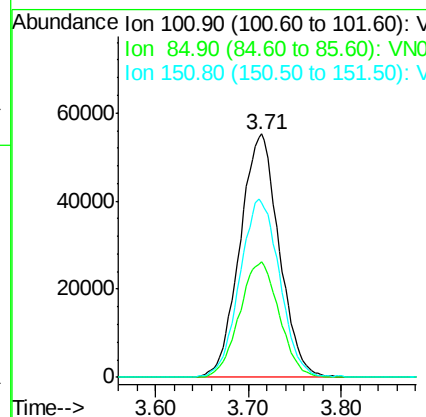
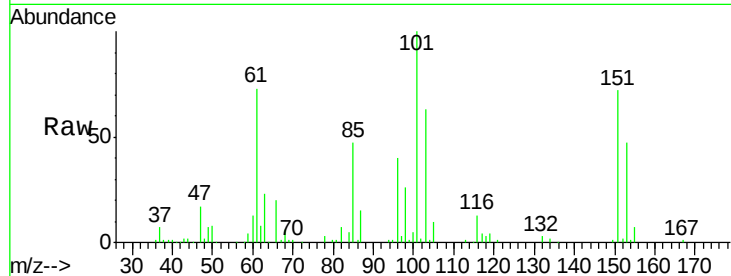
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	161922
Ion Ratio	Lower	Upper	
101	100		
85	48.0	38.6	57.8
151	74.6	57.5	86.3

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11/13/2020 11:43:06 AM



#10

Methyl Iodide

Concen: 52.495 ug/l

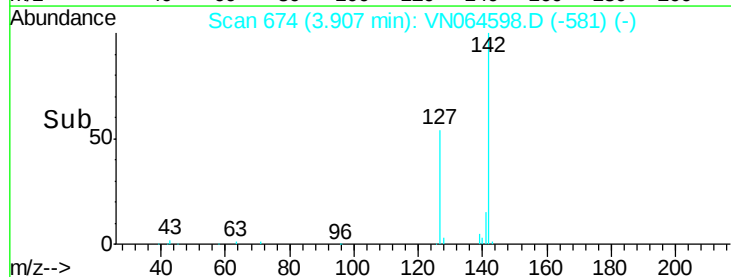
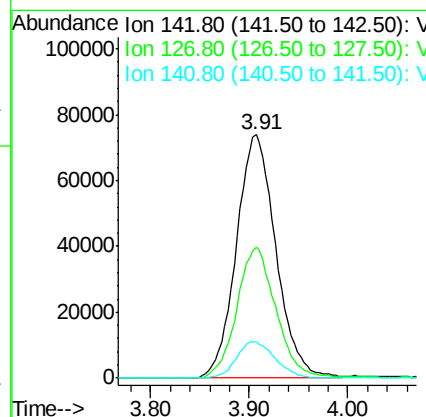
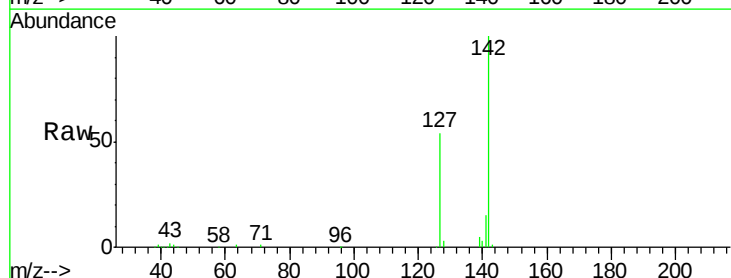
RT: 3.91 min Scan# 674

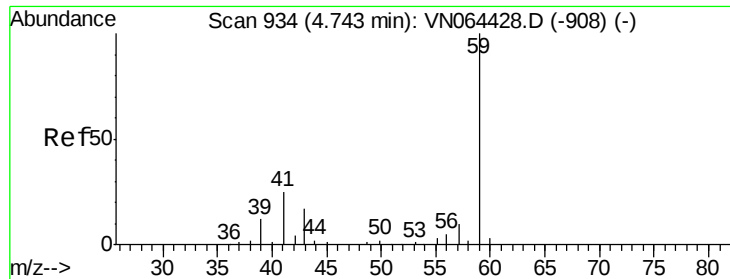
Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	142	Resp:	205738
Ion Ratio	Lower	Upper	
142	100		
127	53.3	41.8	62.8
141	14.7	11.4	17.2





#11

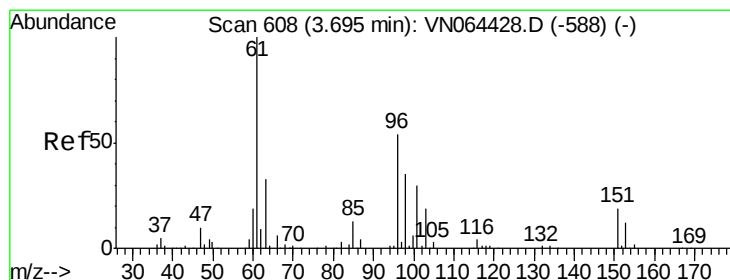
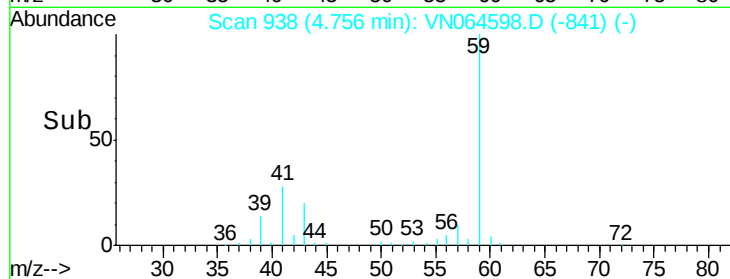
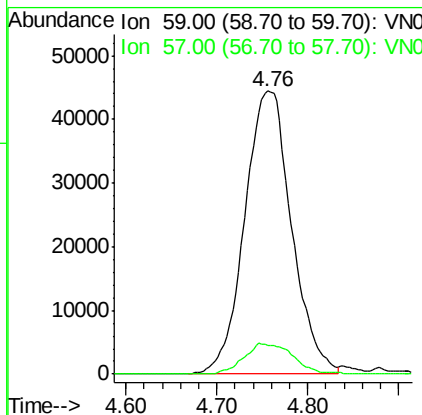
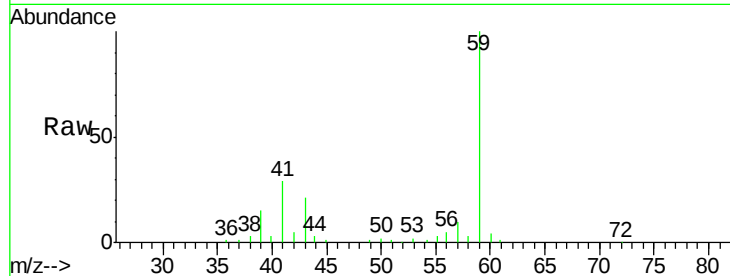
Tert butyl alcohol
 Concen: 278.574 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.0	13.4

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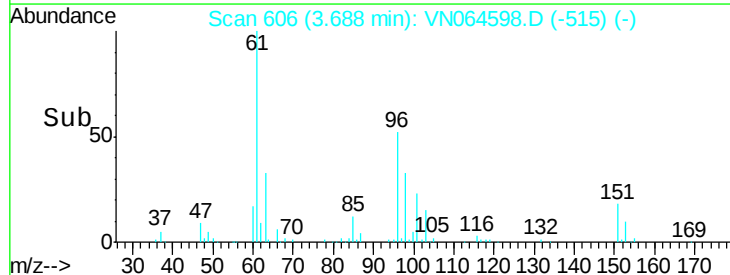
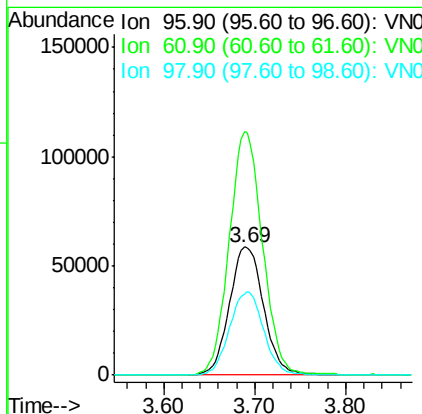
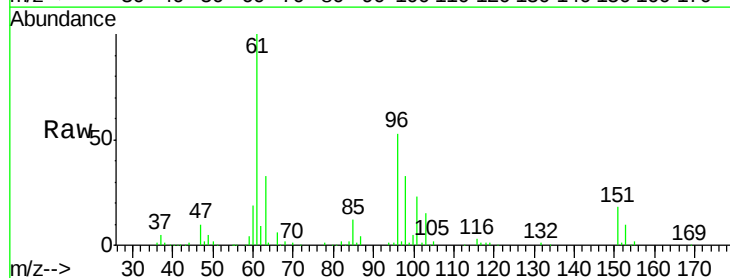
MMDadoda
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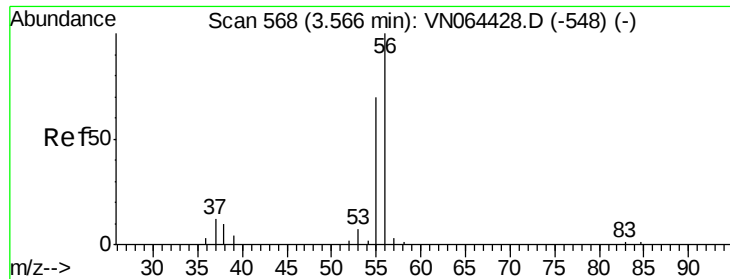


#12

1,1-Dichloroethene
 Concen: 48.173 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.5	149.5	224.3
98	63.8	52.4	78.6





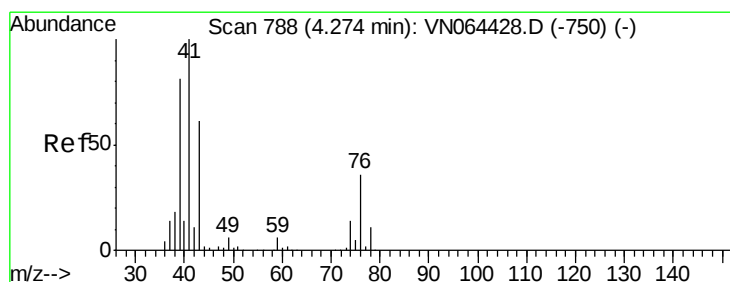
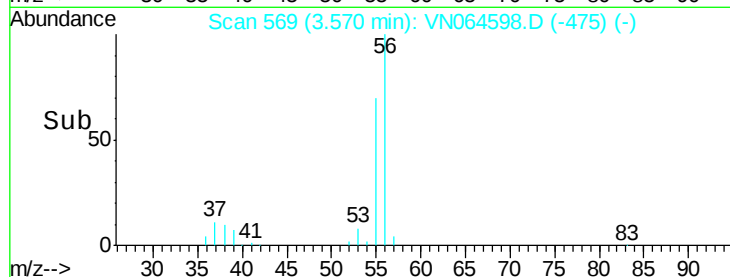
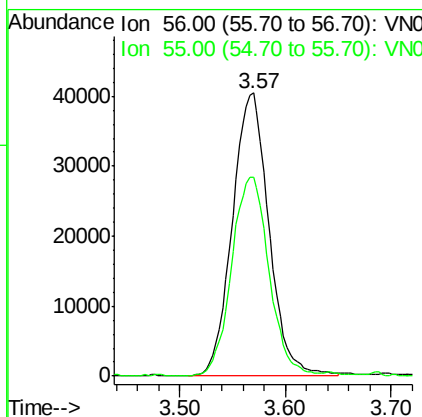
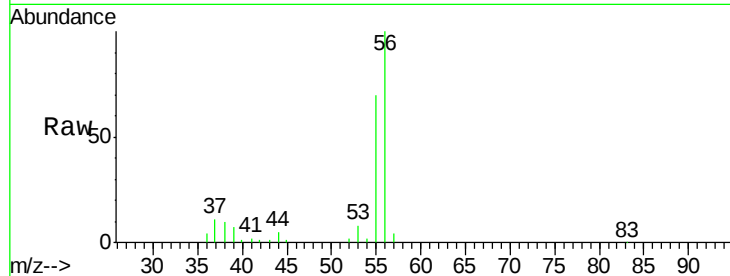
#13
Acrolein
Concen: 275.768 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.7	55.9	83.9	

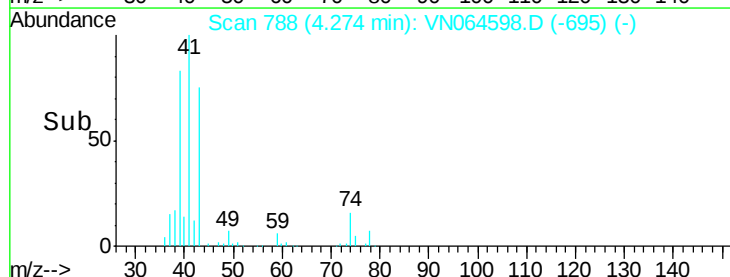
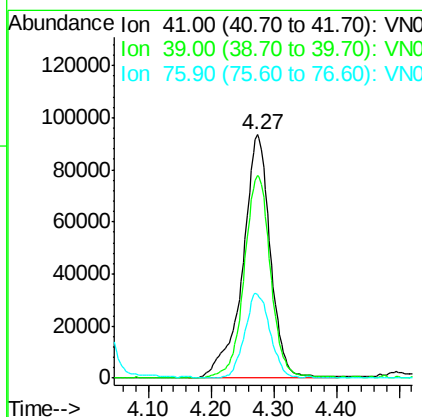
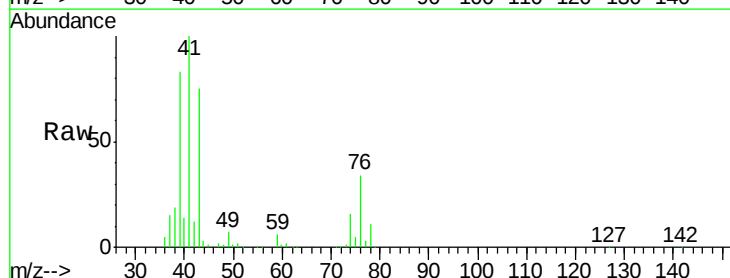
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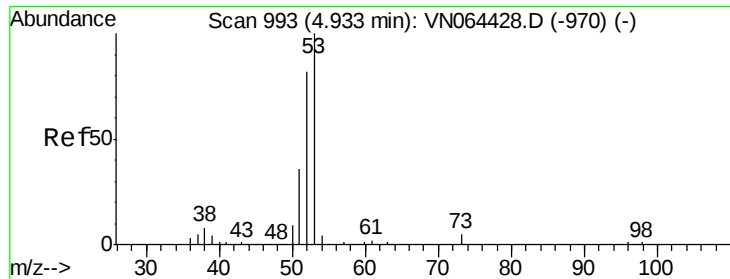
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#14
Allyl chloride
Concen: 46.122 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	78.2	61.8	92.8	
76	32.0	25.4	38.0	





#15

Acrylonitrile

Concen: 284.905 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

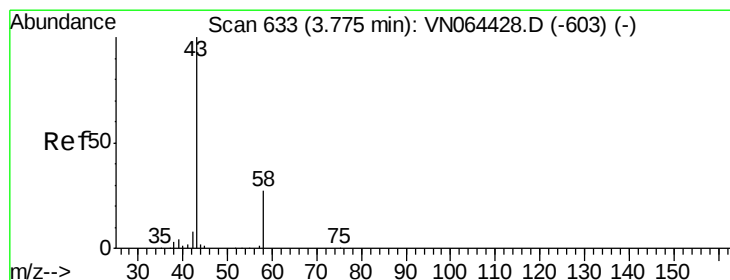
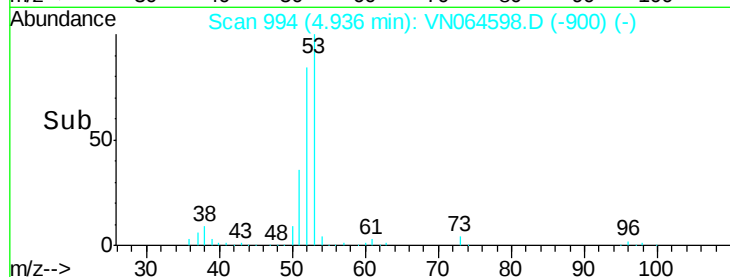
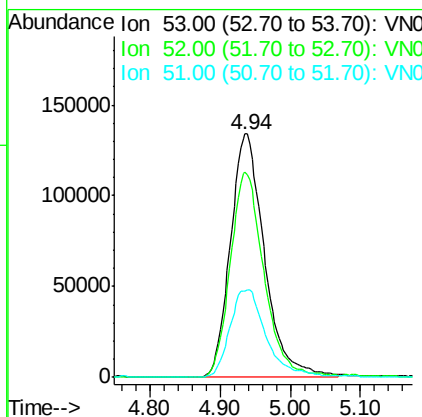
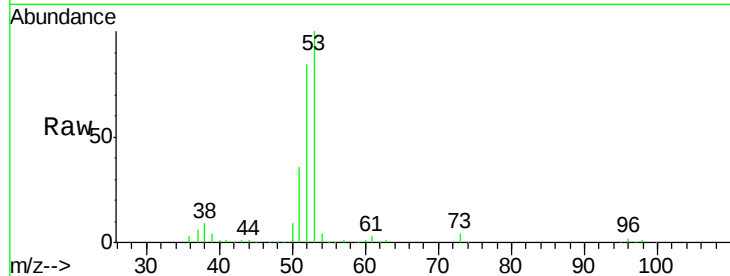
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	452646
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.6	98.4
51	38.6	29.9	44.9

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#16

Acetone

Concen: 213.816 ug/l

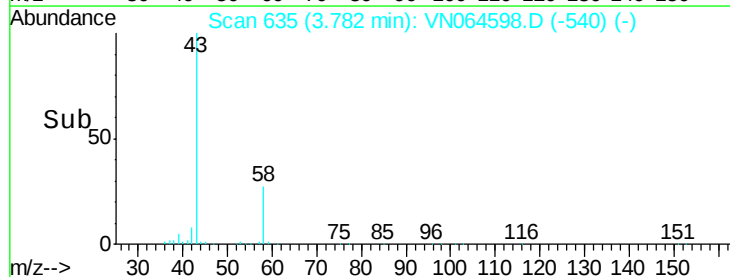
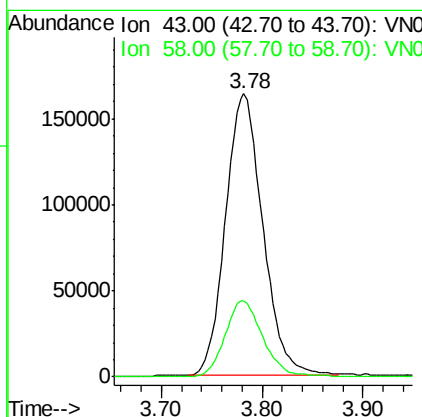
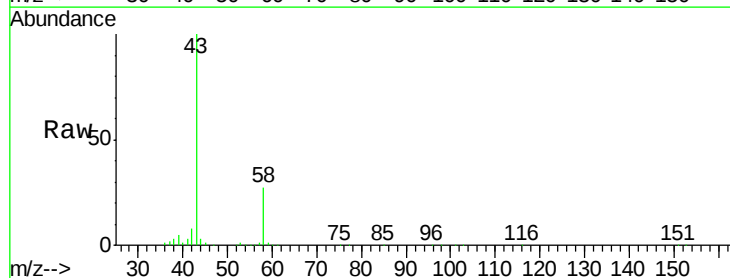
RT: 3.78 min Scan# 635

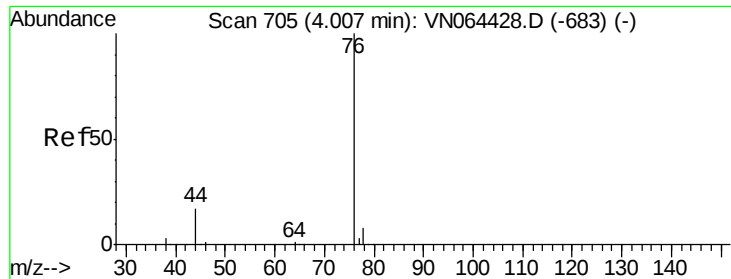
Delta R.T. 0.01 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	43	Resp:	421453
Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.4	32.0





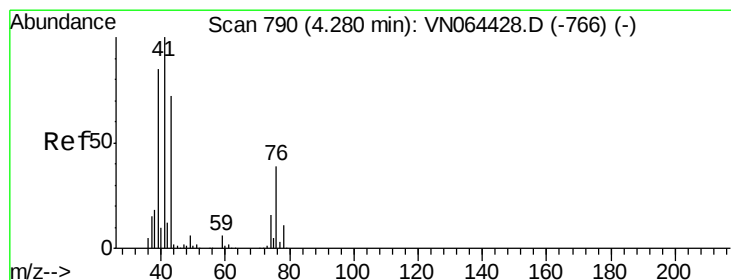
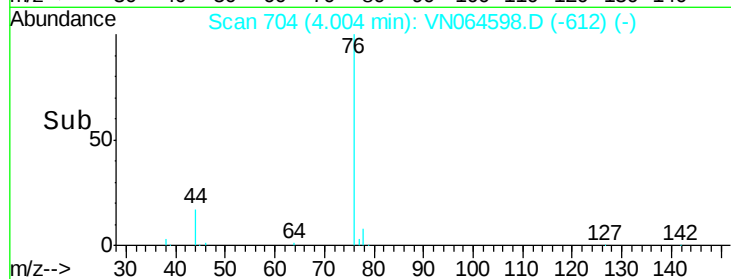
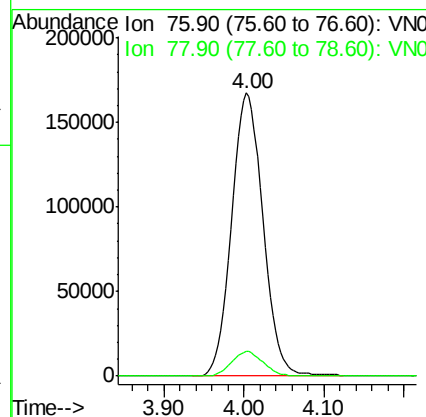
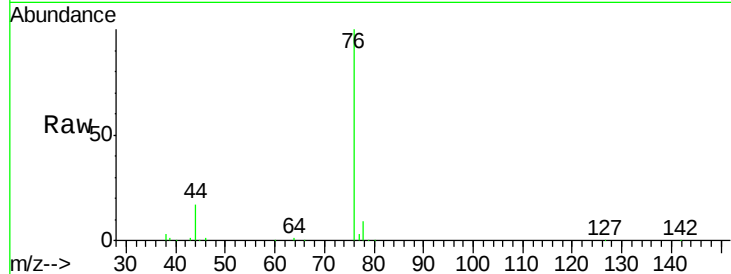
#17
Carbon Disulfide
Concen: 47.046 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 446995
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

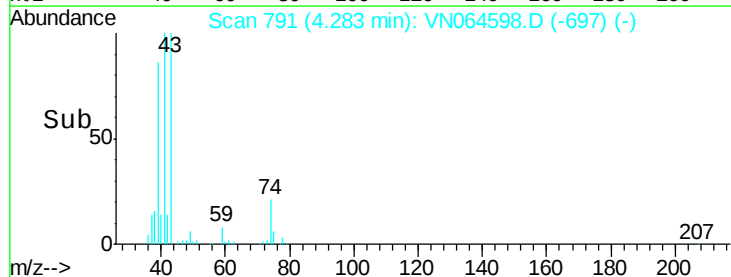
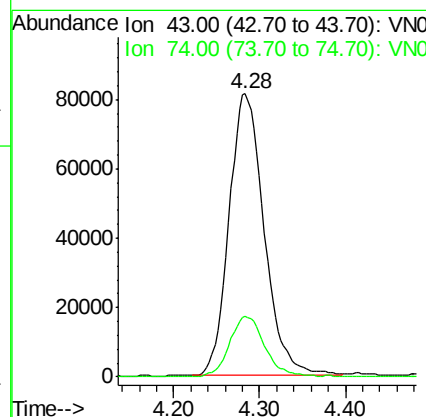
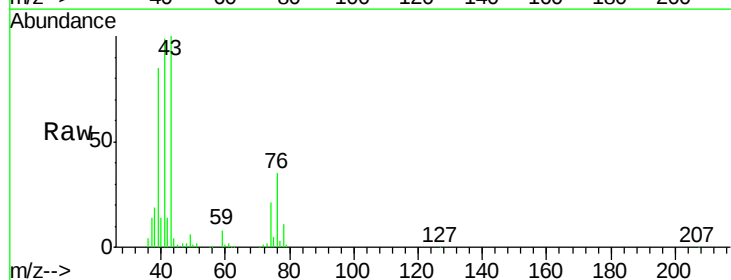
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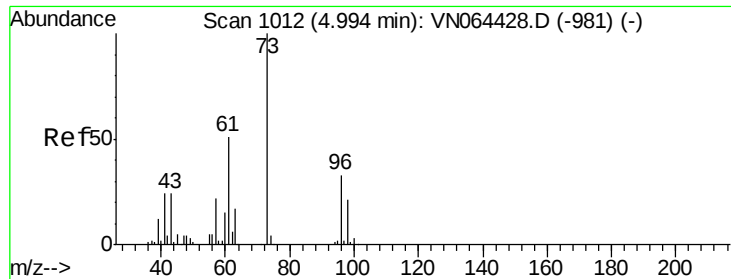
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#18
Methyl Acetate
Concen: 59.755 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 43 Resp: 231560
Ion Ratio Lower Upper
43 100
74 21.5 17.0 25.4





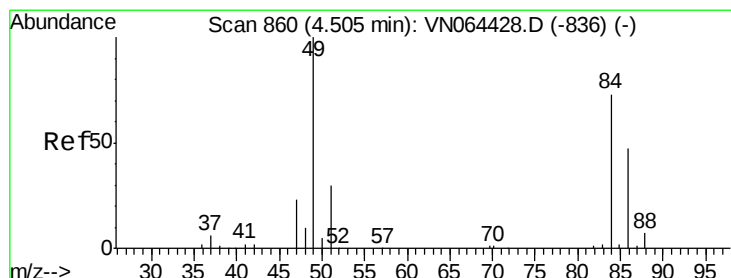
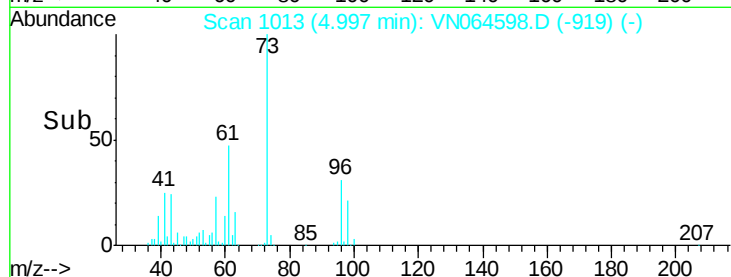
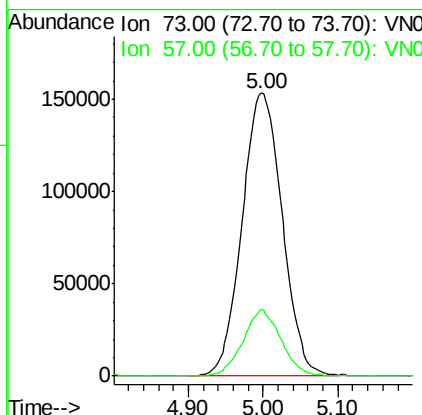
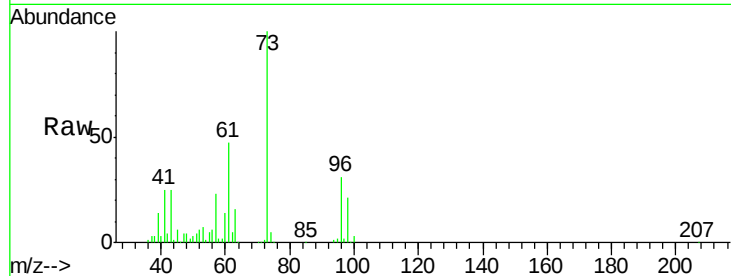
#19
Methvl tert-butvl Ether
Concen: 50.152 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 573479
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5

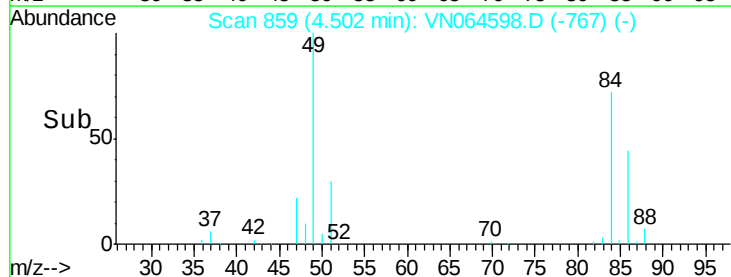
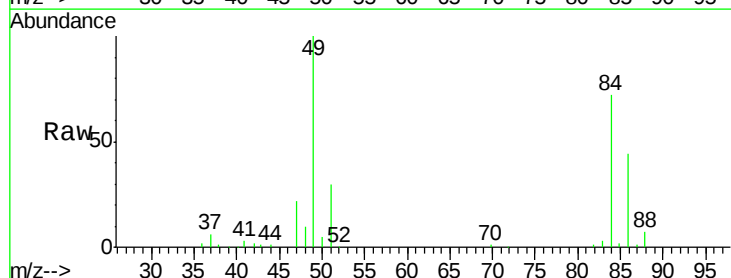
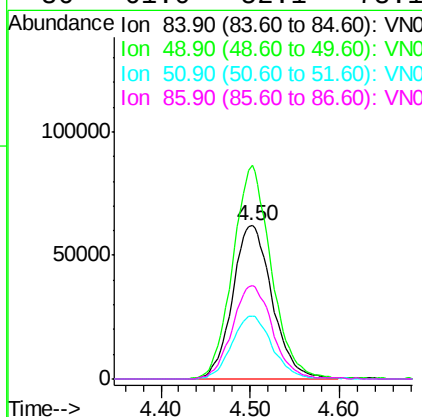
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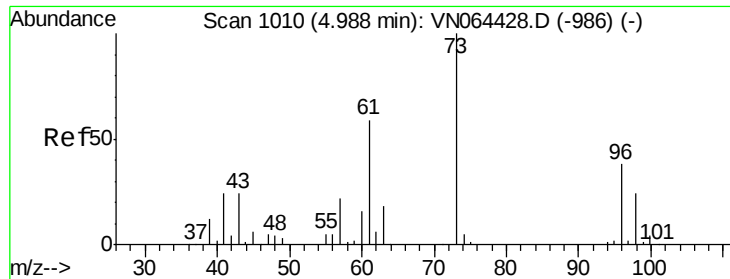
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#20
Methylene Chloride
Concen: 49.114 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 84 Resp: 192076
Ion Ratio Lower Upper
84 100
49 138.8 110.1 165.1
51 41.3 33.6 50.4
86 61.0 52.1 78.1





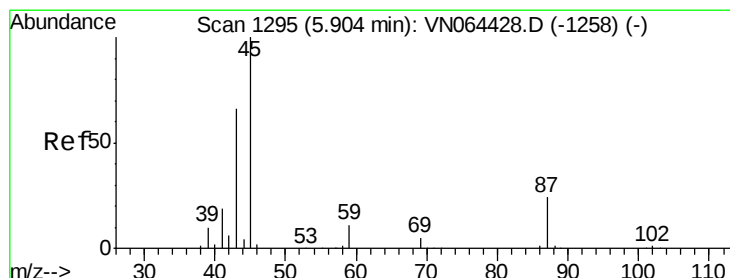
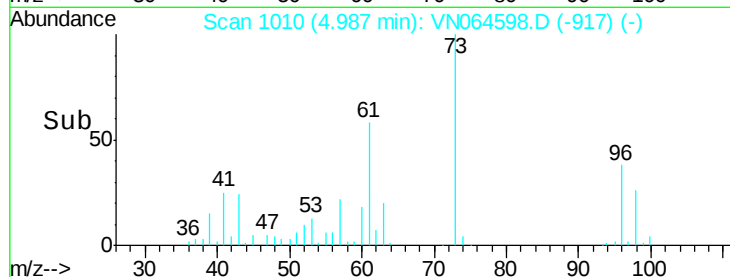
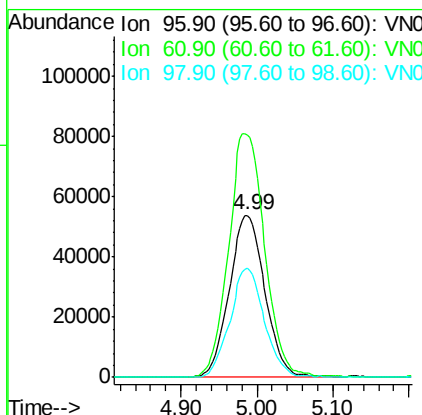
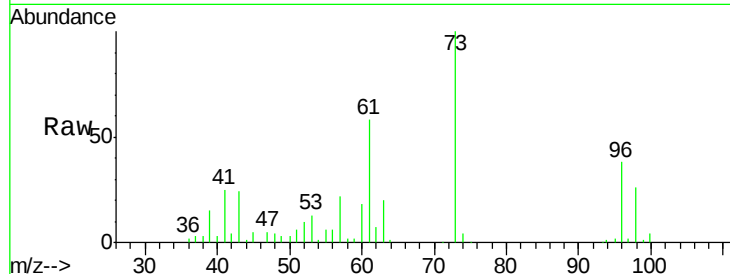
#21
trans-1,2-Dichloroethene
Concen: 48.626 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	175414
Ion Ratio	Lower	Upper	
96	100		
61	150.2	122.4	183.6
98	67.6	50.4	75.6

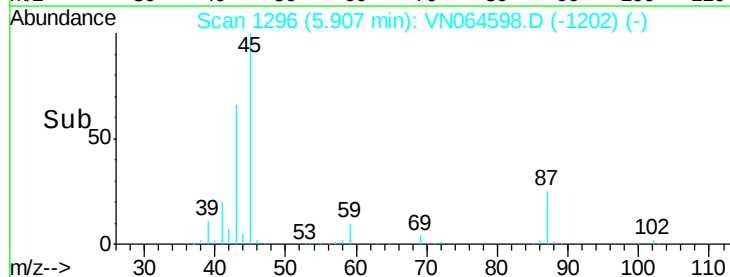
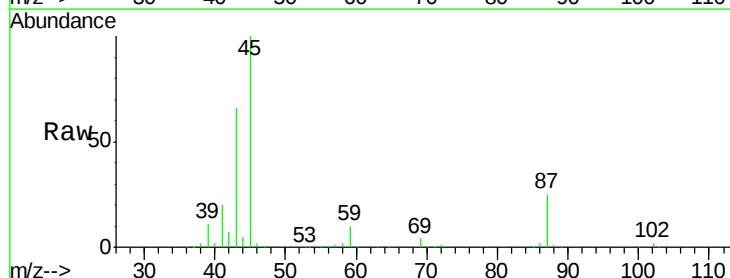
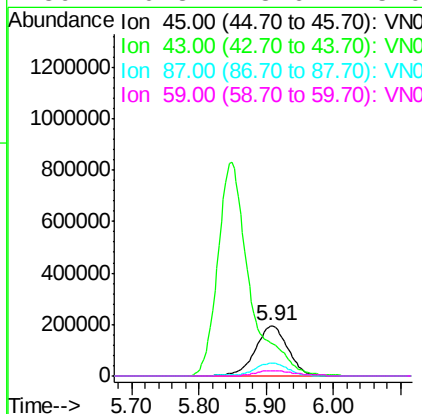
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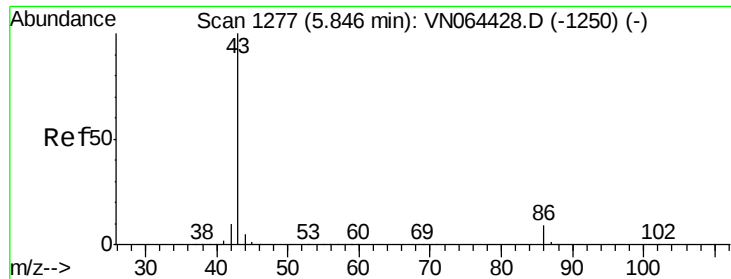
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#22
Diisopropyl ether
Concen: 49.984 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	45	Resp	659450
Ion Ratio	Lower	Upper	
45	100		
43	65.6	53.2	79.8
87	25.1	19.9	29.9
59	10.3	8.6	13.0





#23

Vinyl Acetate

Concen: 255.848 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2745925

Ion Ratio Lower Upper

43 100

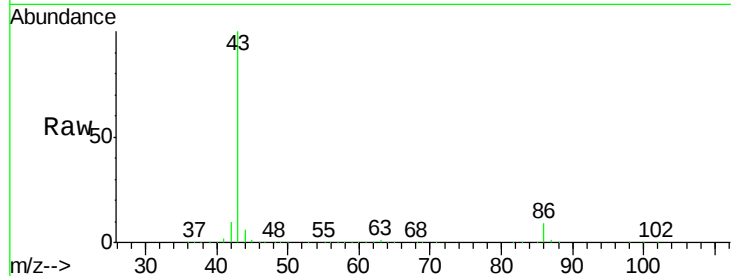
86 9.1 6.8 10.2

Manual Integrations

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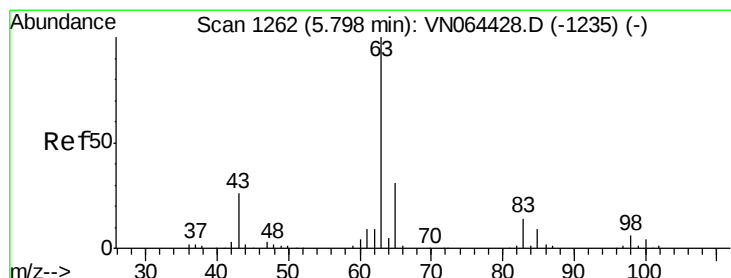
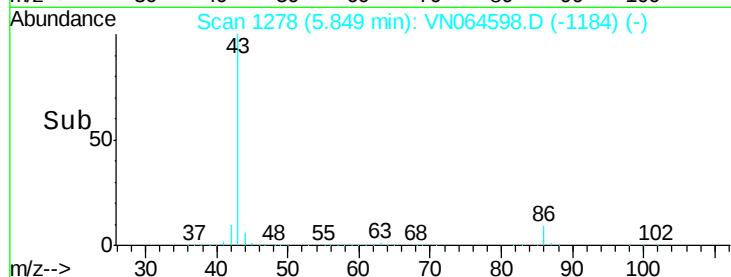
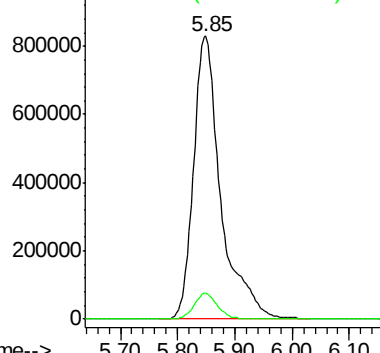
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.532 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

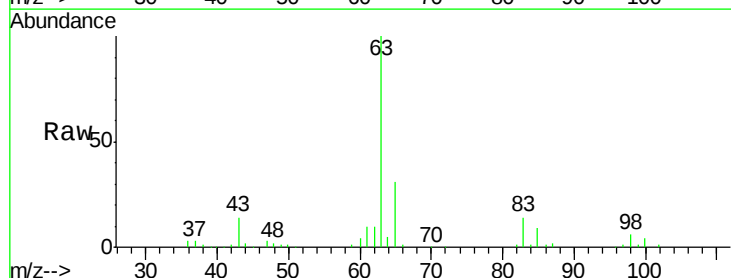
Tgt Ion: 63 Resp: 359093

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

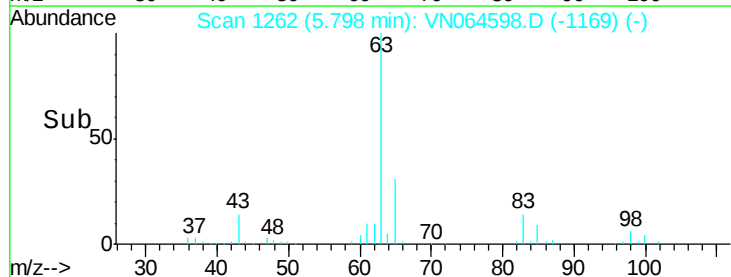
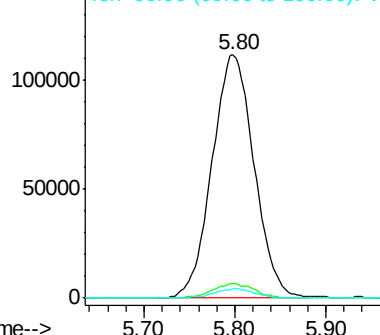
100 3.7 1.8 5.3

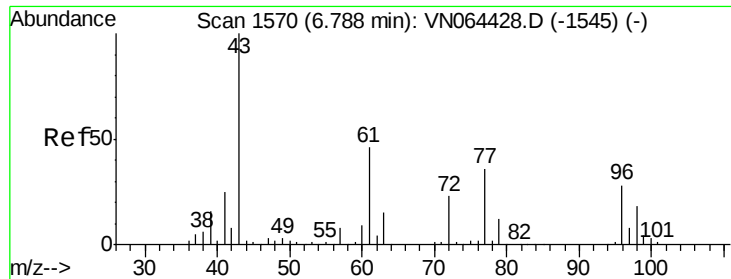


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 262.436 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 659097

Ion Ratio Lower Upper

43 100

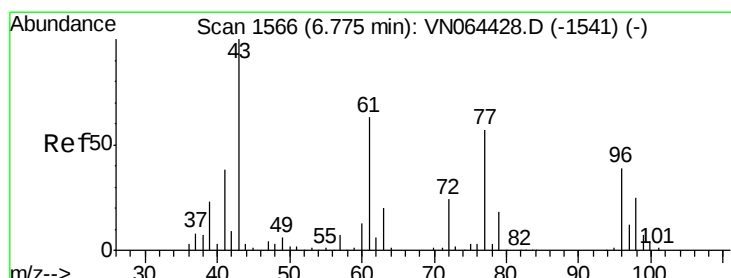
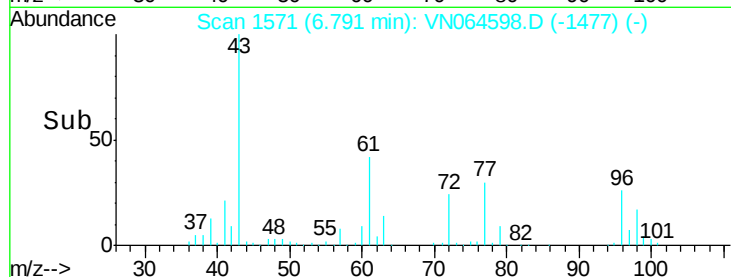
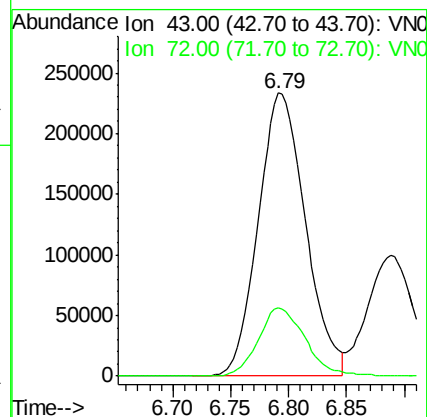
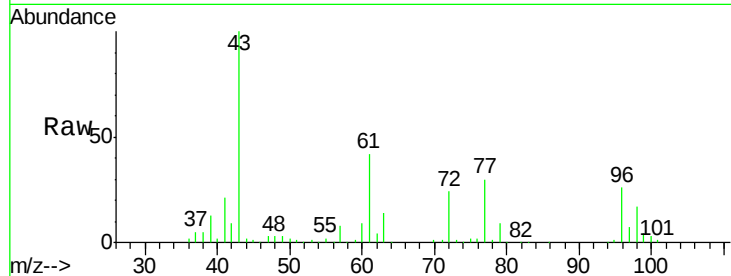
72 24.3 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.559 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064598.D

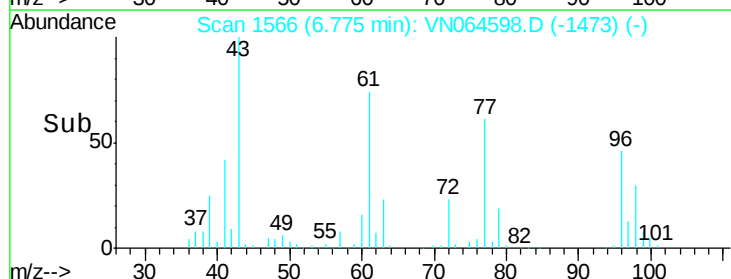
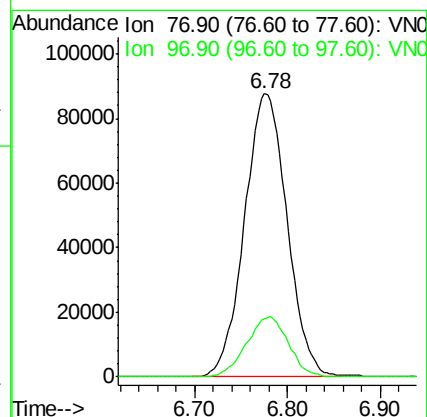
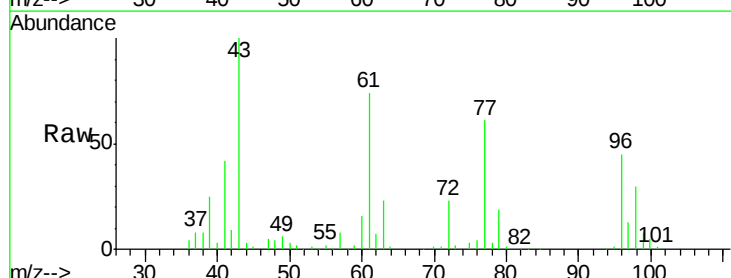
Acq: 12 Nov 2020 22:29

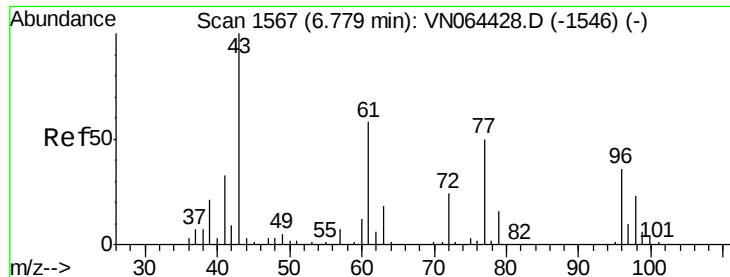
Tgt Ion: 77 Resp: 279307

Ion Ratio Lower Upper

77 100

97 20.8 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.554 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

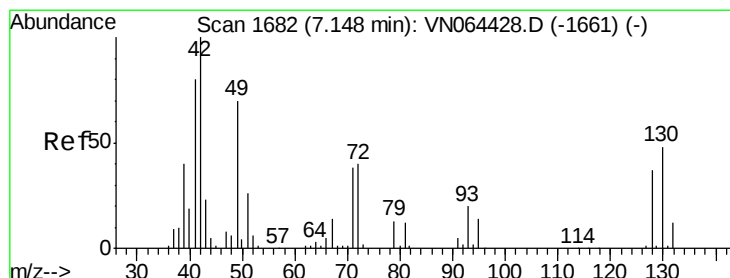
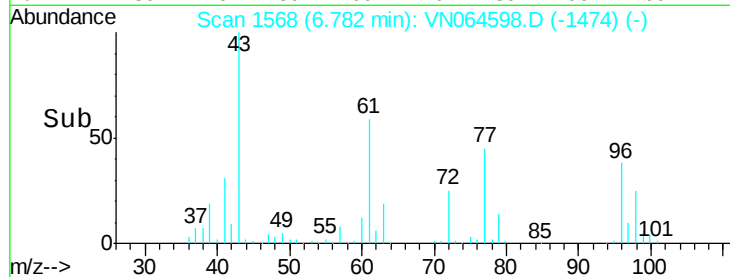
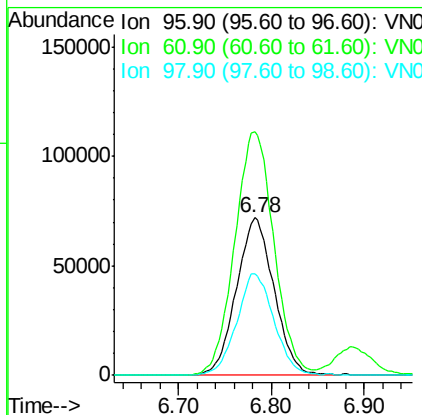
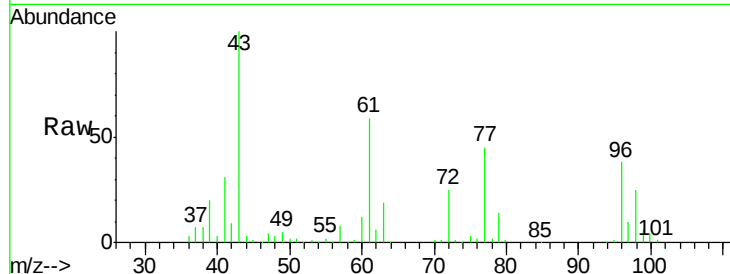
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	202960
Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	329.6
98	63.7	0.0	131.2

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#28

Bromochloromethane

Concen: 48.672 ug/l

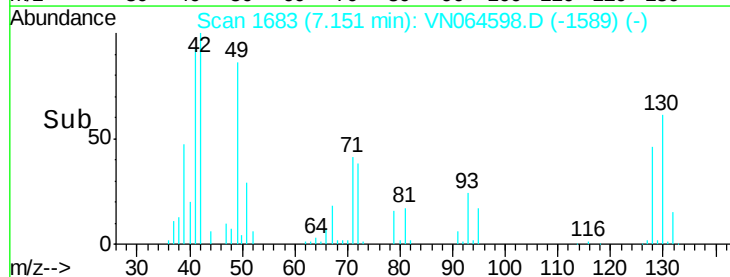
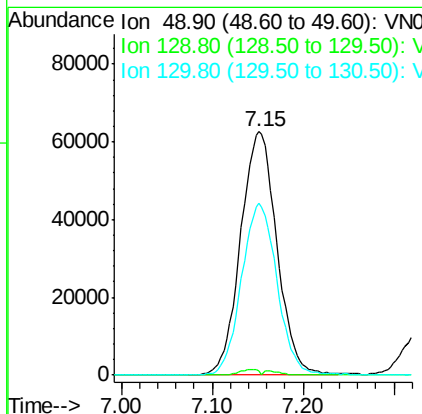
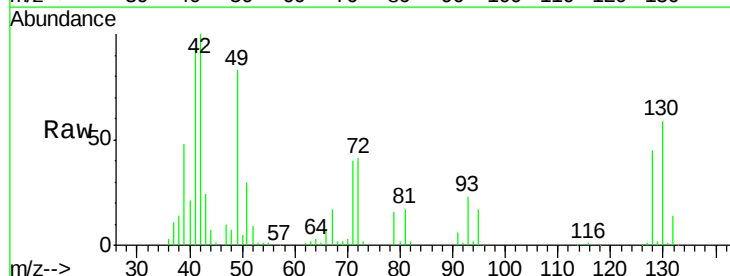
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	49	Resp:	173441
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	68.8	54.2	81.4





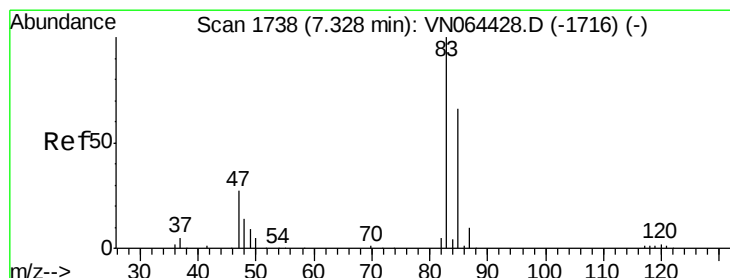
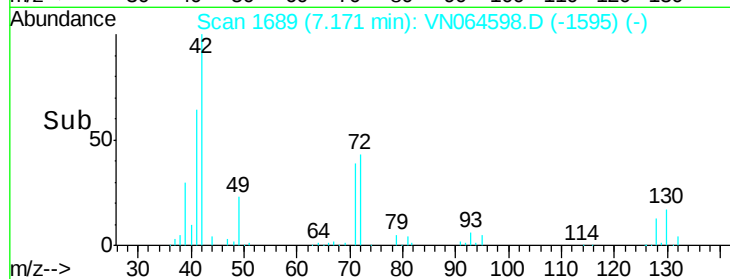
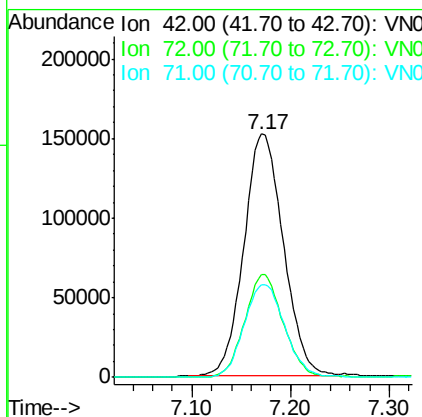
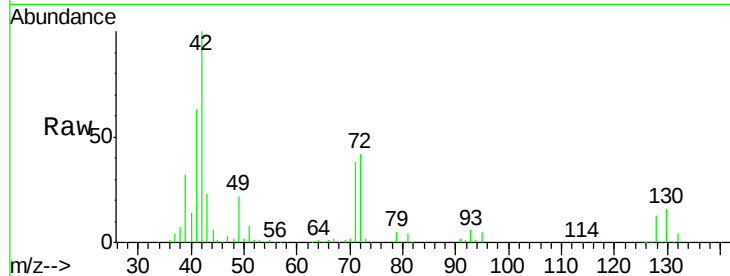
#29
Tetrahydrofuran
Concen: 274.805 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.7	47.5
71	39.5	29.8	44.6

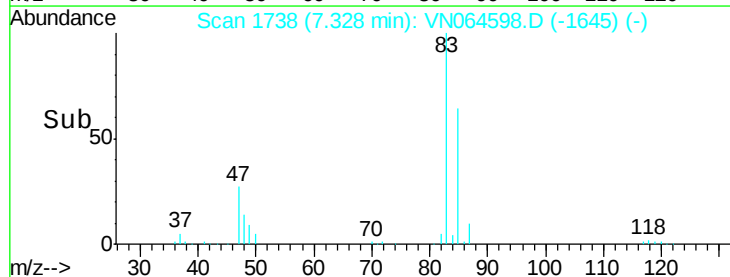
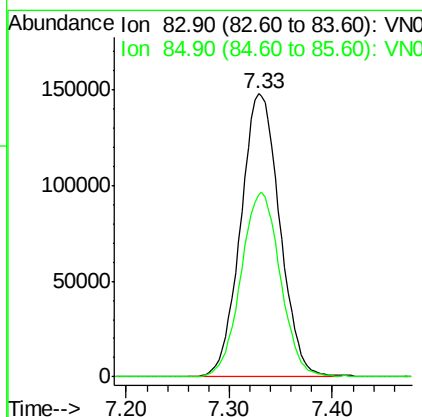
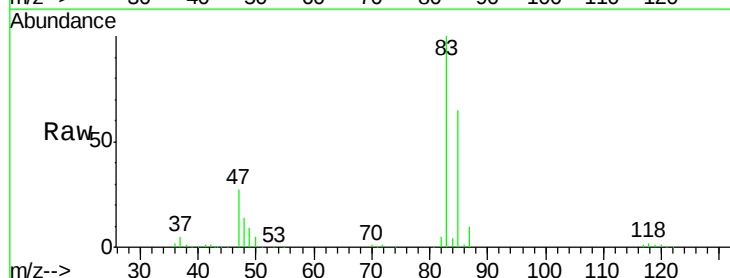
Manual Integrations
APPROVED

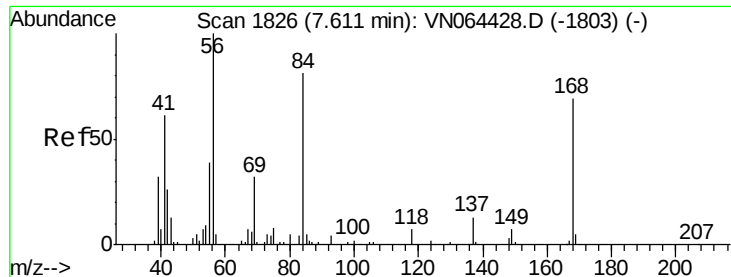
MMDadoda
11/13/2020 11:43:06 AM



#30
Chloroform
Concen: 51.067 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7





#31

Cyclohexane

Concen: 44.341 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

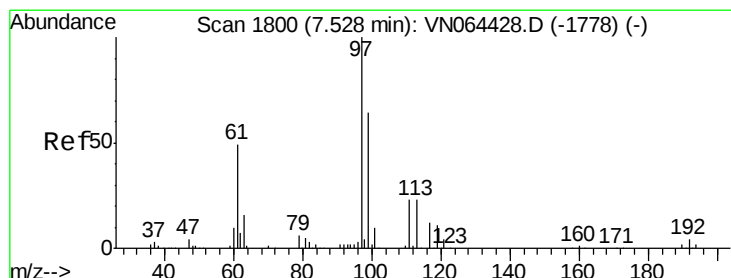
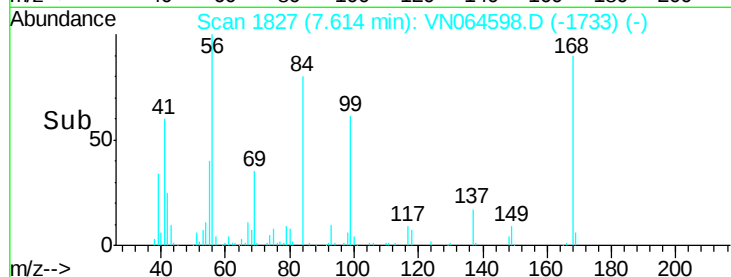
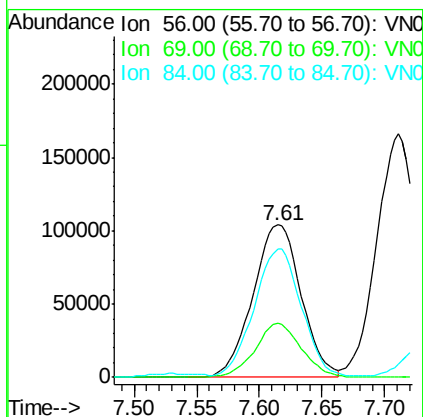
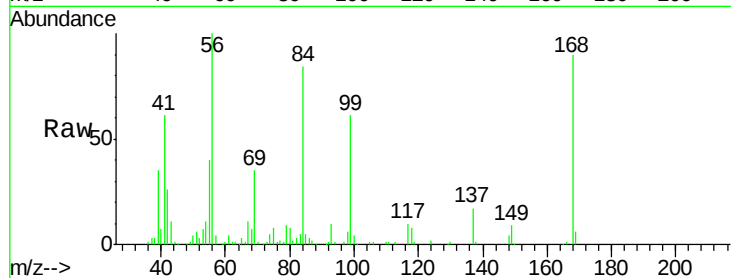
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	278921
Ion Ratio	Lower	Upper	
56	100		
69	35.3	25.6	38.4
84	82.1	63.0	94.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.852 ug/l

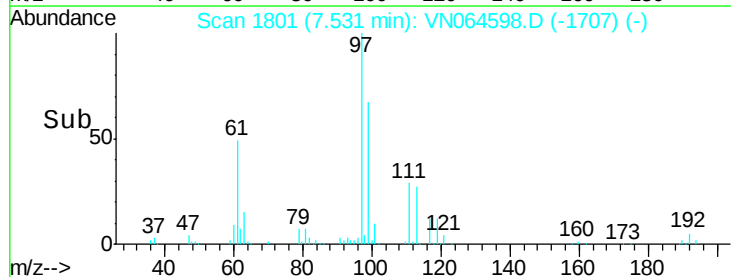
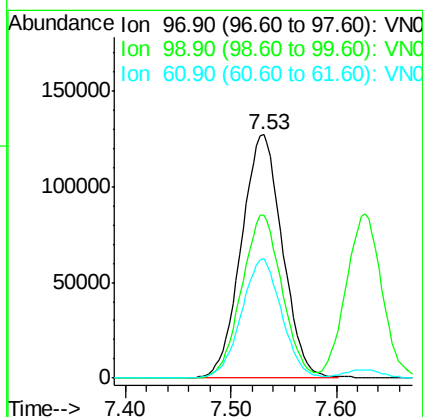
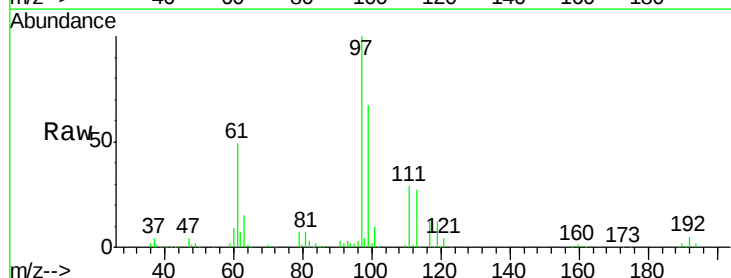
RT: 7.53 min Scan# 1801

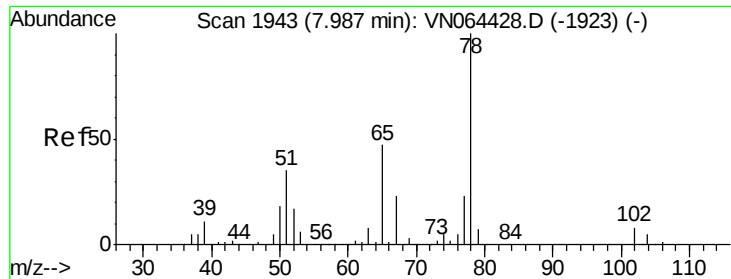
Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	97	Resp:	343707
Ion Ratio	Lower	Upper	
97	100		
99	65.8	51.3	76.9
61	48.0	39.1	58.7





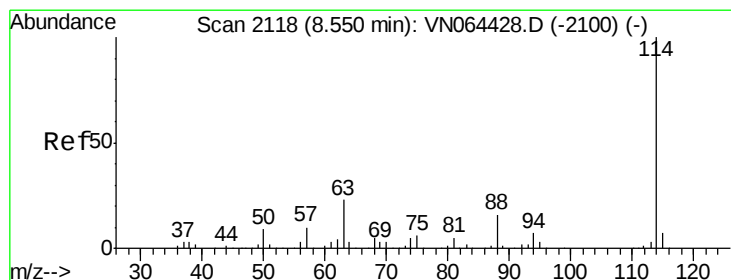
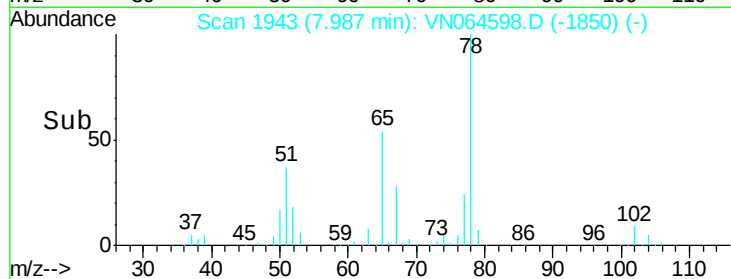
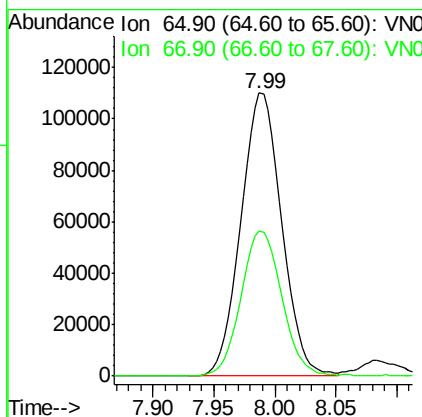
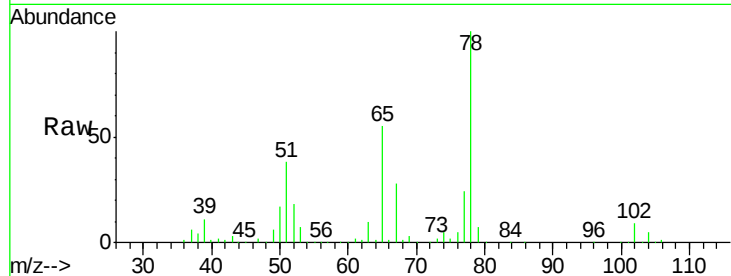
#33
 1,2-Dichloroethane-d4
 Concen: 49.207 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	254628		
67	51.3	0.0	101.6	

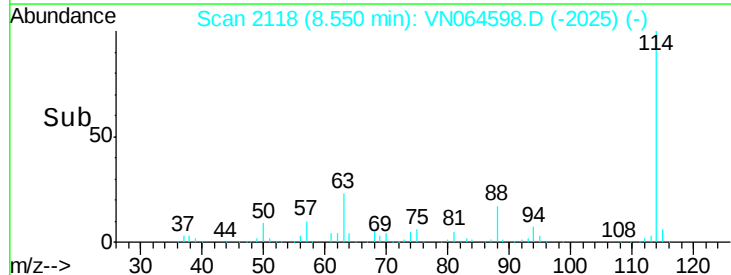
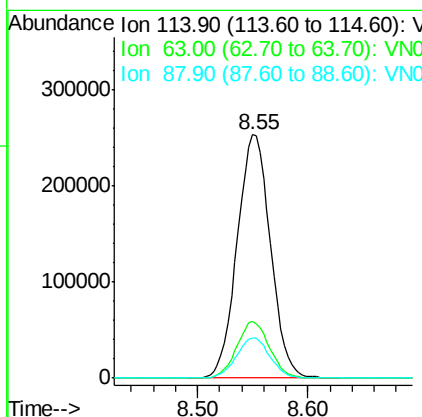
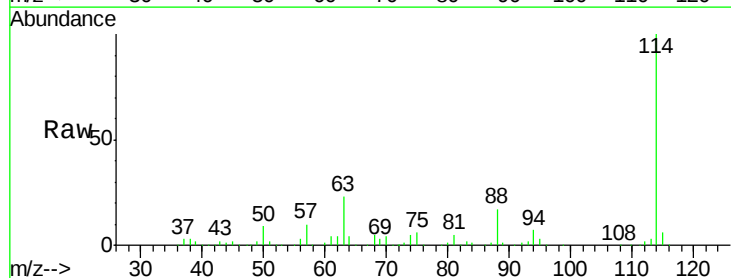
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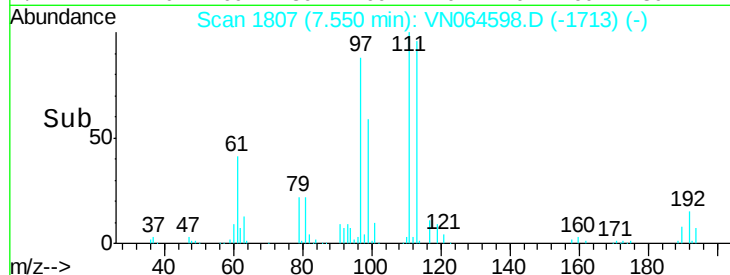
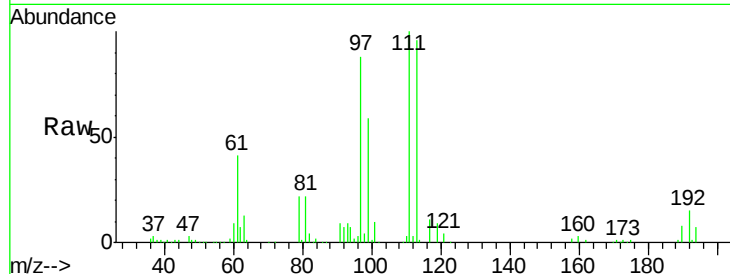
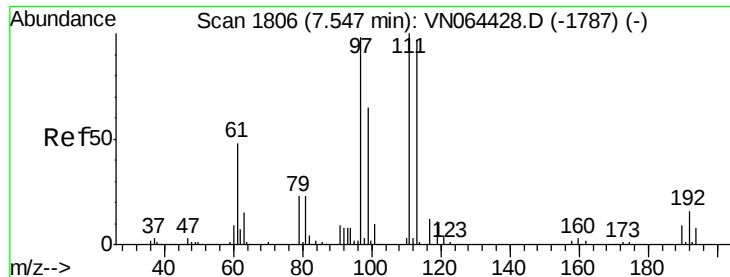
MMDadoda
 11/13/2020 11:43:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	529863		
63	23.3	0.0	45.6	
88	16.5	0.0	32.8	





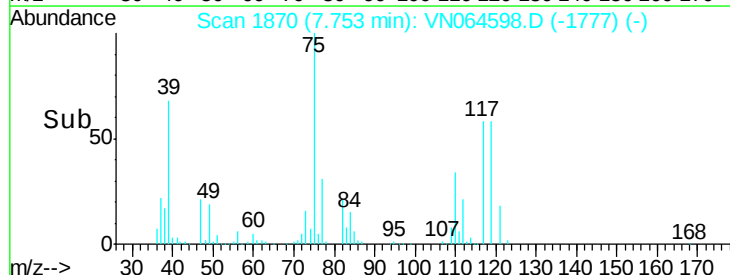
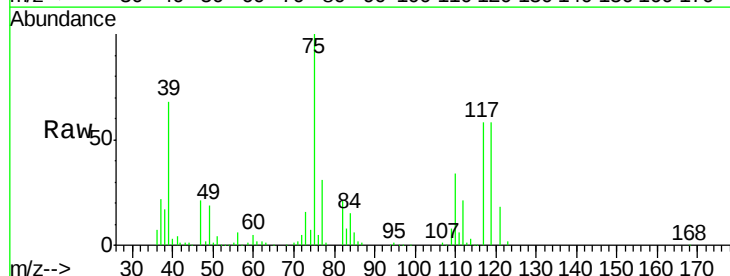
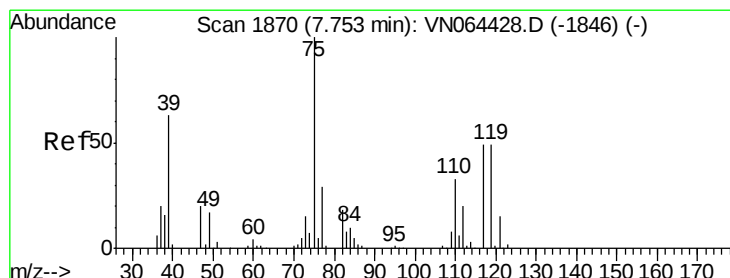
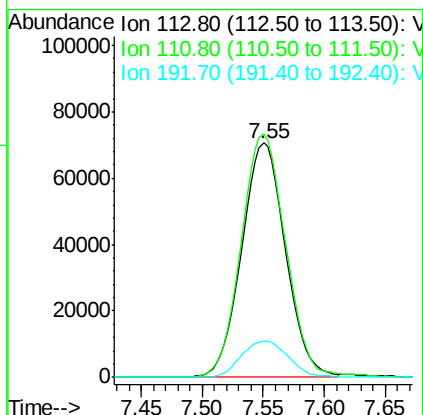
#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175522		
111	105.8	81.1	121.7	
192	16.7	12.8	19.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

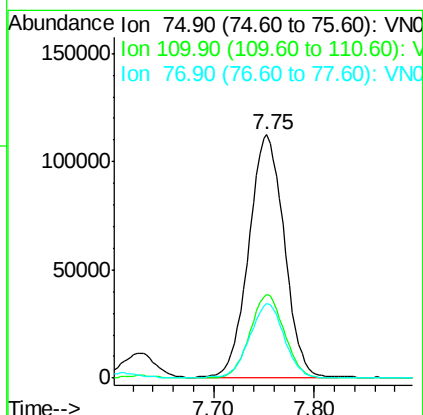
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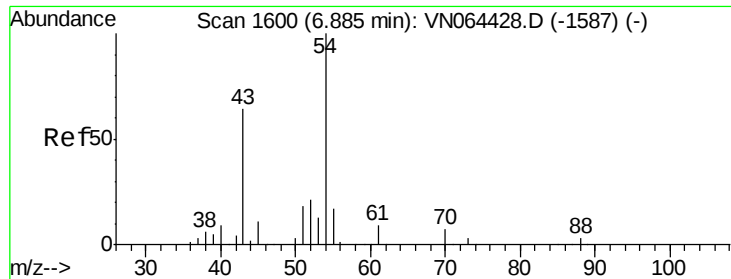
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.681 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	272496		
110	33.4	16.0	48.0	
77	30.4	24.0	36.0	





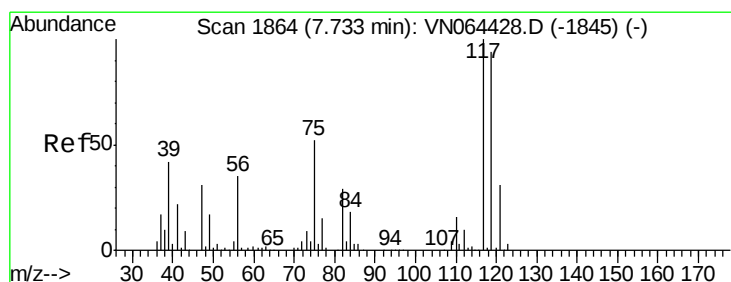
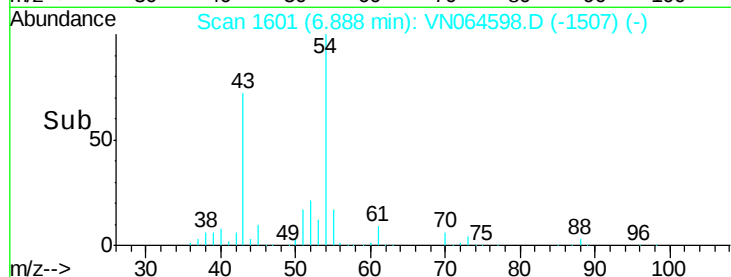
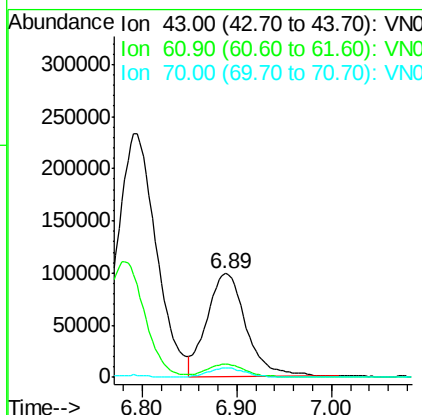
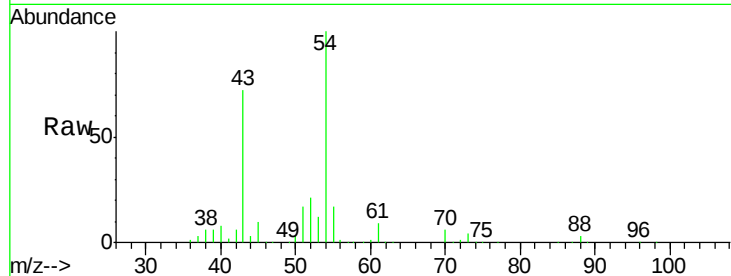
#37
Ethyl Acetate
Concen: 50.073 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.0	15.0
70	8.7	7.1	10.7

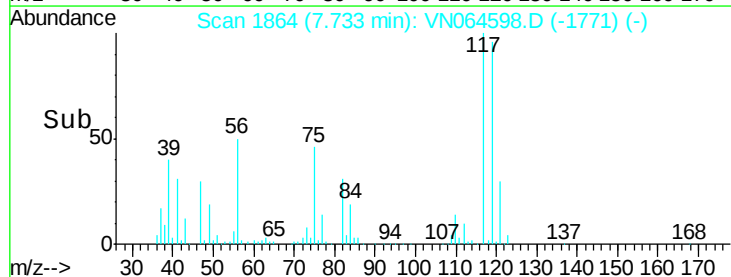
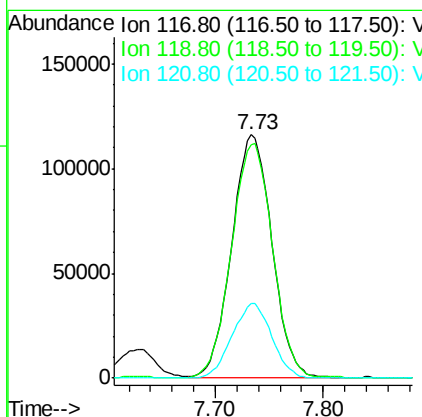
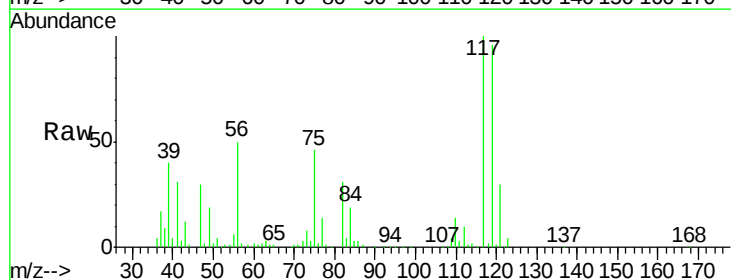
Manual Integrations
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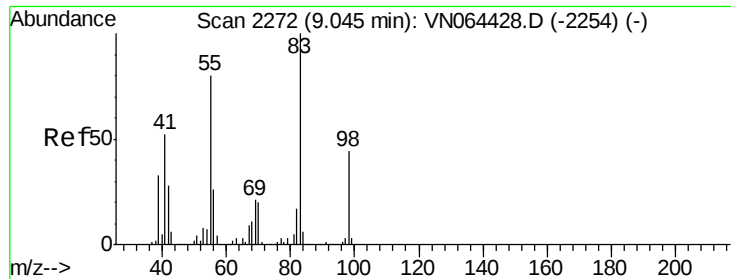
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#38
Carbon Tetrachloride
Concen: 50.190 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.5	113.3
121	30.5	24.4	36.6





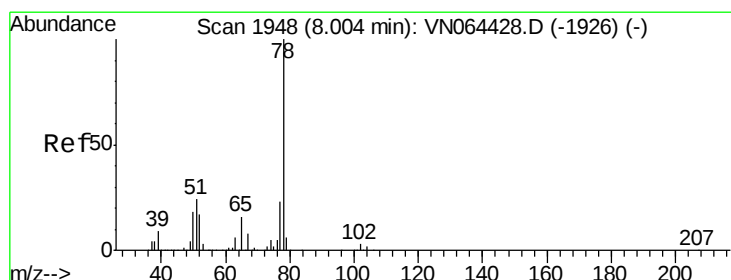
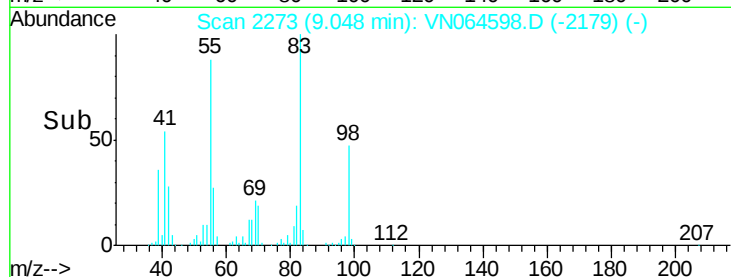
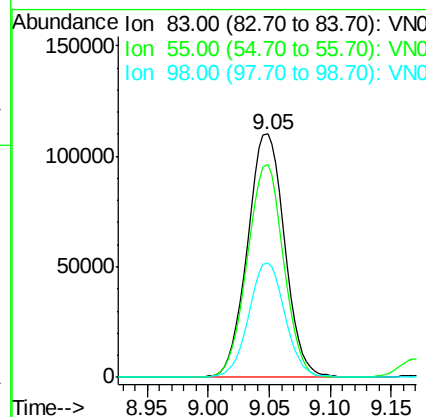
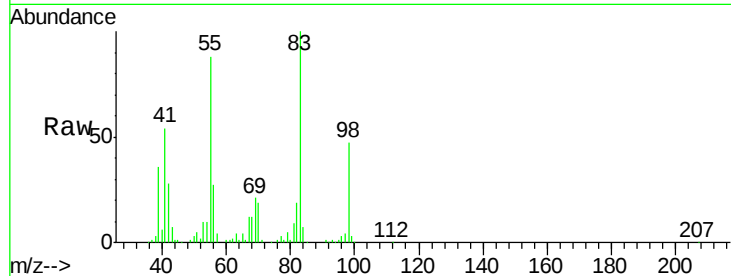
#39
Methvlcvclohexane
Concen: 46.199 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231820		
55	87.5	63.8	95.6	
98	47.2	35.4	53.2	

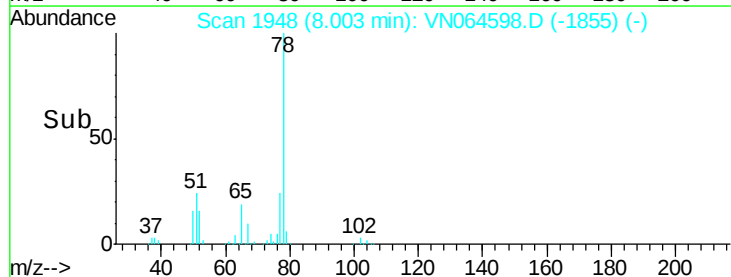
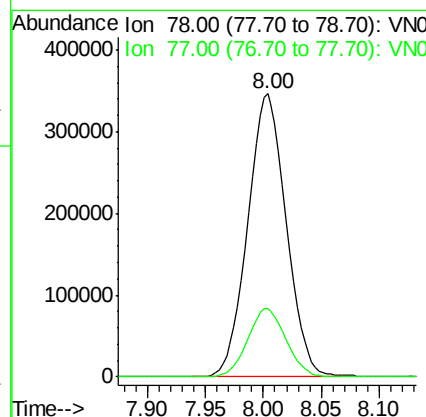
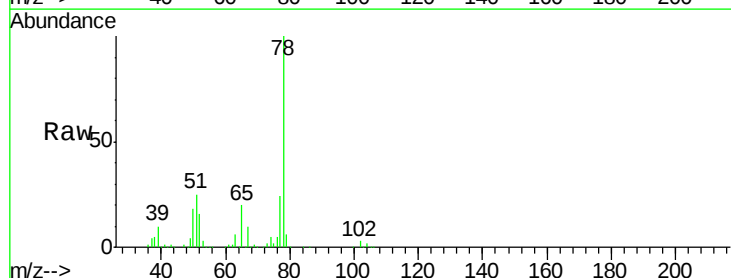
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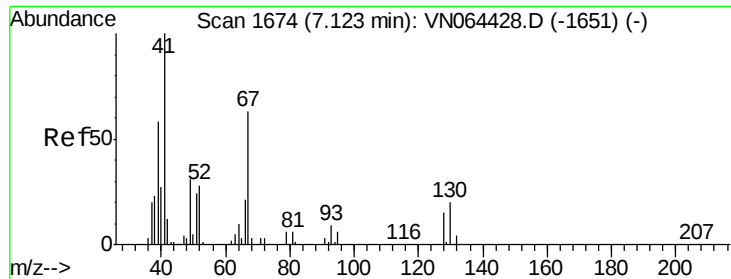
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#40
Benzene
Concen: 48.666 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	800486		
77	24.2	18.7	28.1	





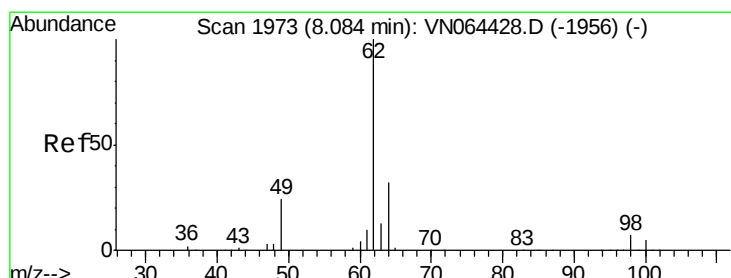
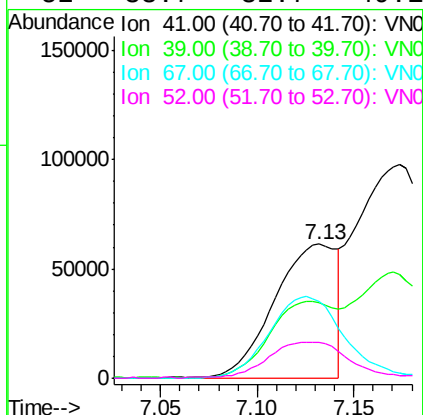
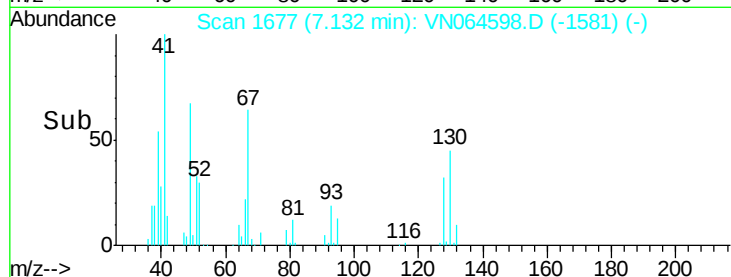
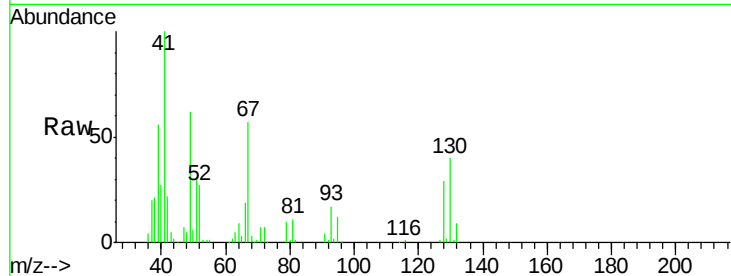
#41
Methacrylonitrile
Concen: 55.187 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.0	50.0	75.0	
67	74.5	68.3	102.5	
52	33.7	32.7	49.1	

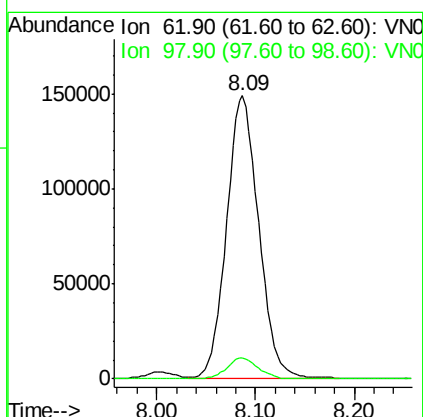
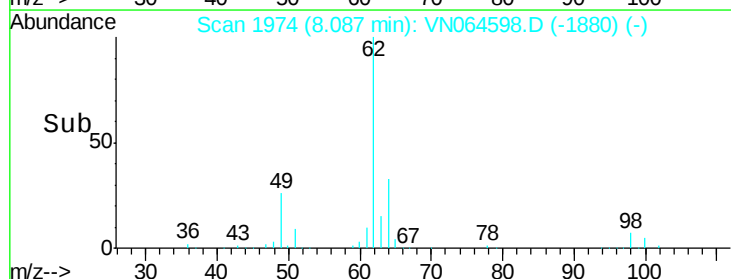
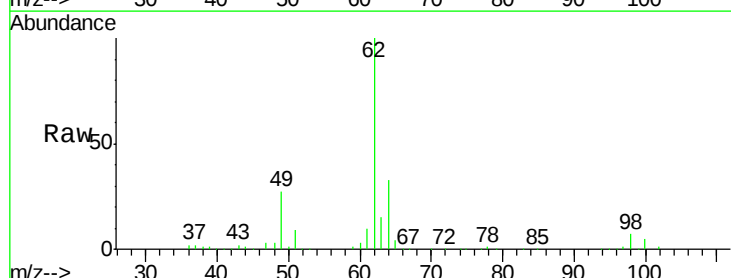
Manual Integrations
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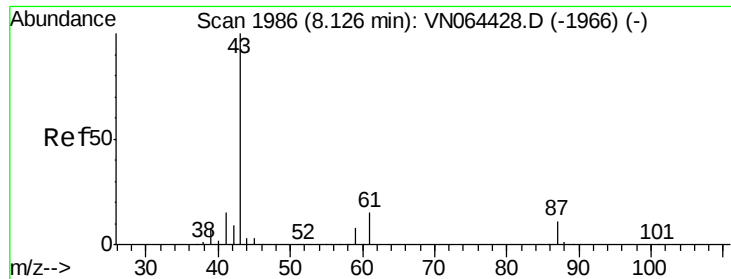
MMDadoda
11/13/2020 11:43:06 AM



#42
1,2-Dichloroethane
Concen: 50.876 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

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





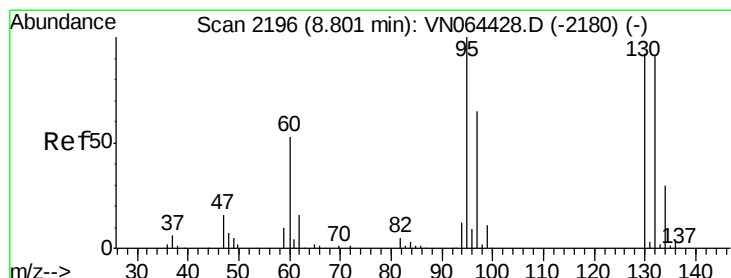
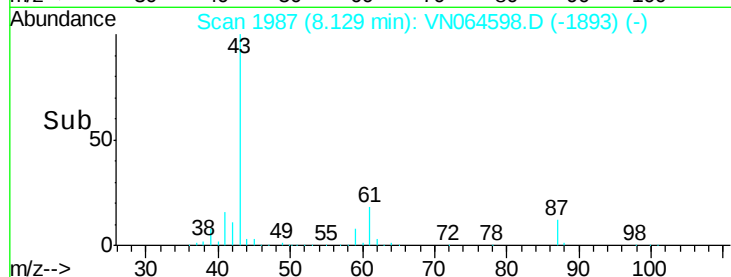
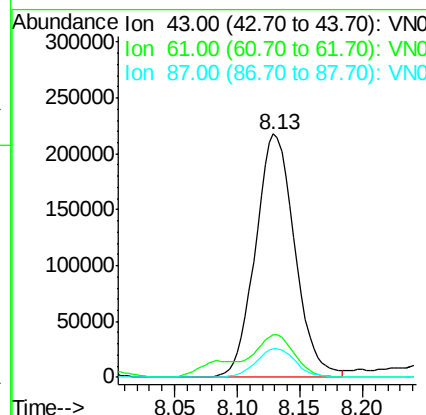
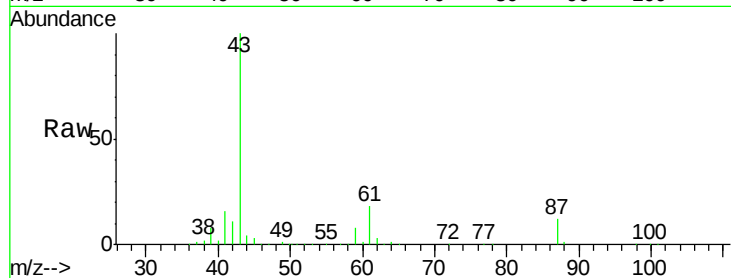
#43
Isopropyl Acetate
Concen: 52.202 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.0	21.0
87	11.9	9.1	13.7

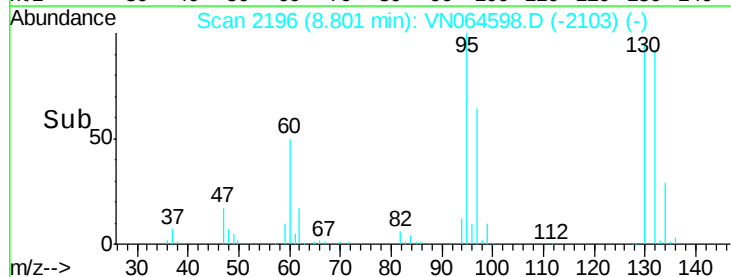
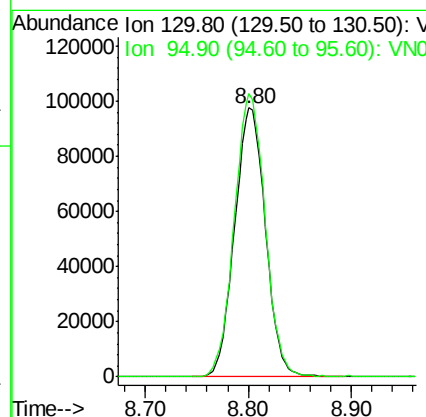
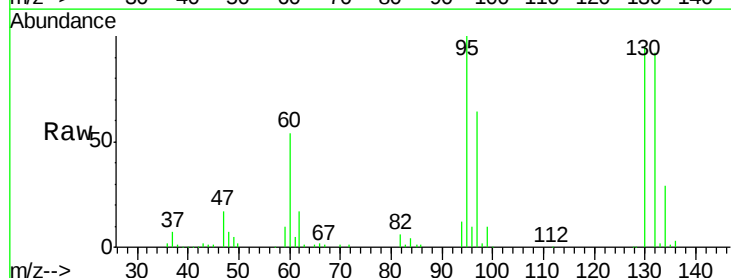
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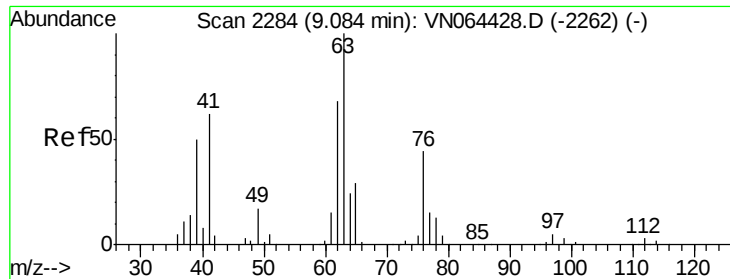
MMDadoda
11/13/2020 11:43:06 AM



#44
Trichloroethene
Concen: 49.012 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	216.8





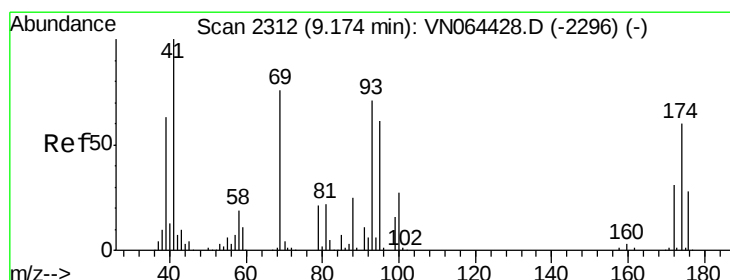
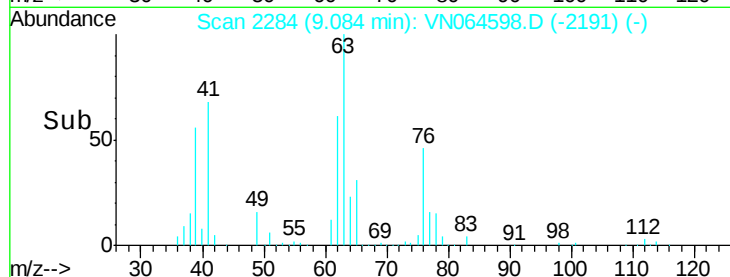
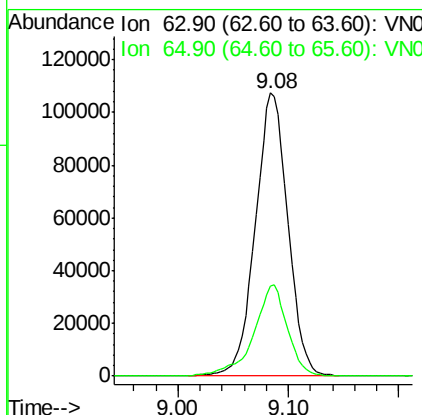
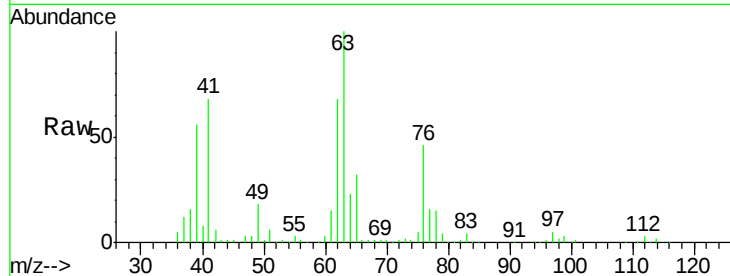
#45
 1,2-Dichloropropane
 Concen: 50.010 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 219488
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.6 35.4

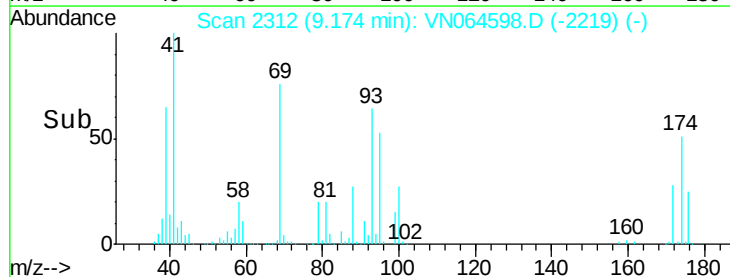
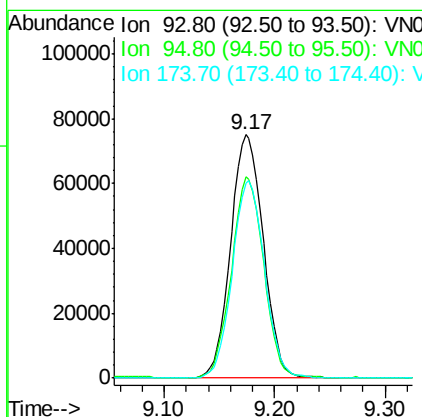
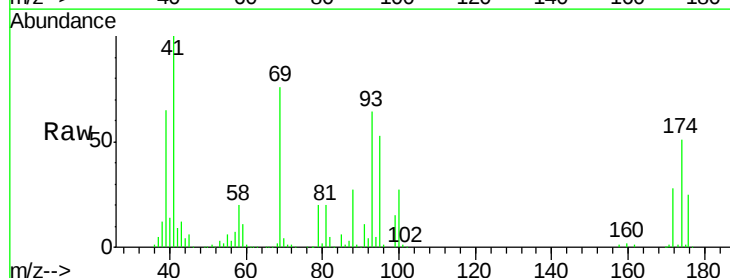
Manual Integrations
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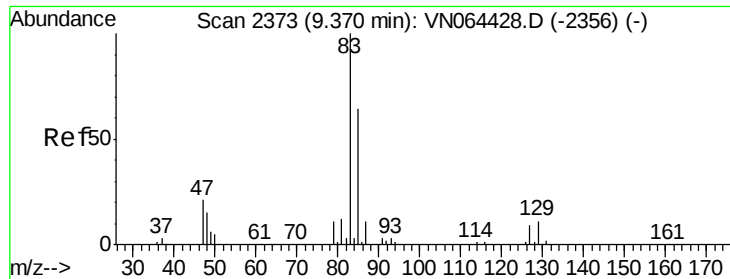
MMDadoda
 11/13/2020 11:43:06 AM



#46
 Dibromomethane
 Concen: 53.484 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 93 Resp: 154525
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.4 99.6
 174 80.0 67.2 100.8





#47

Bromodichloromethane

Concen: 53.095 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

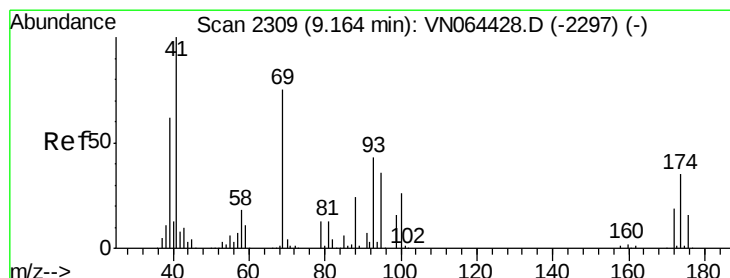
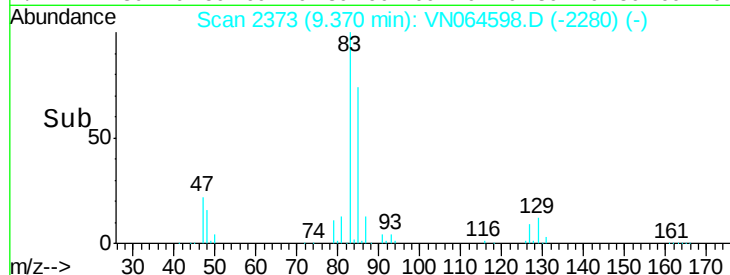
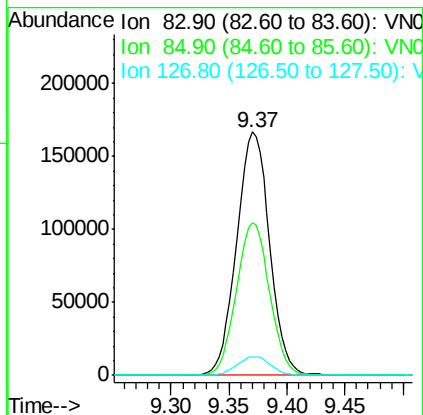
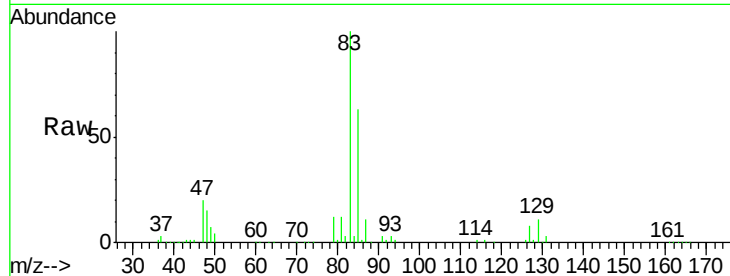
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	329844
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.2	76.8
127	7.7	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.270 ug/l

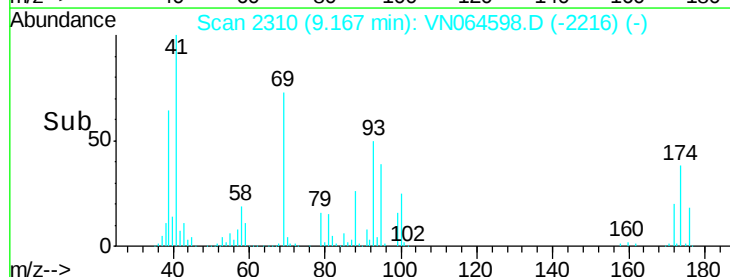
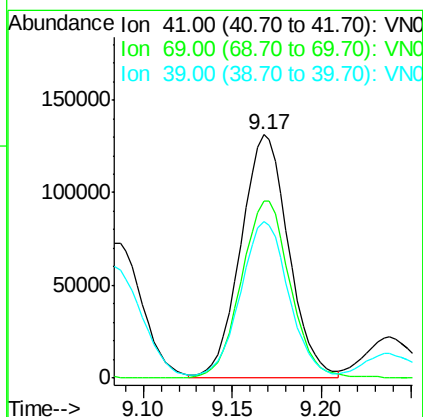
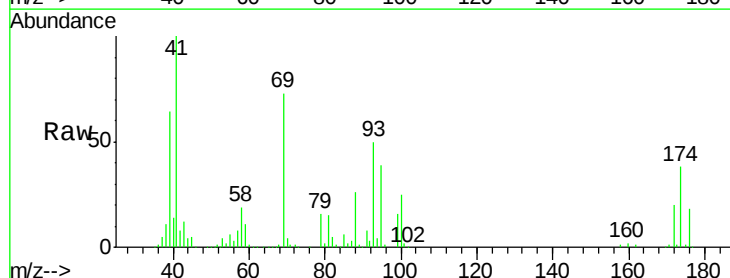
RT: 9.17 min Scan# 2310

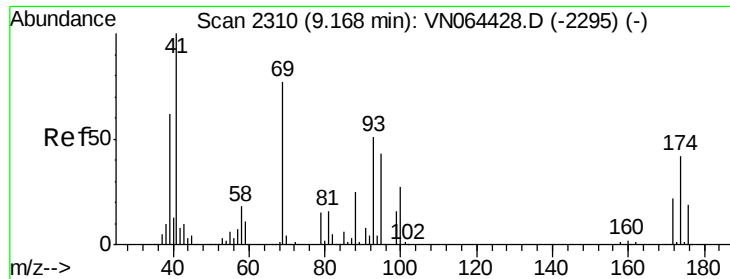
Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	41	Resp:	243843
Ion Ratio	Lower	Upper	
41	100		
69	74.9	60.4	90.6
39	64.7	51.2	76.8





#49

1,4-Dioxane

Concen: 1156.526 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 69729

Ion Ratio Lower Upper

88 100

43 41.1 31.0 46.6

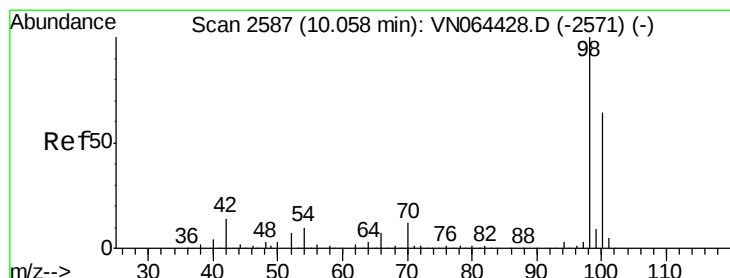
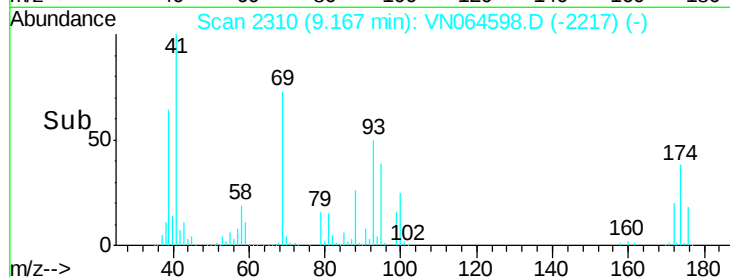
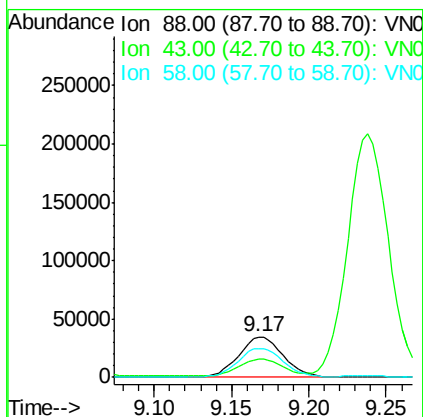
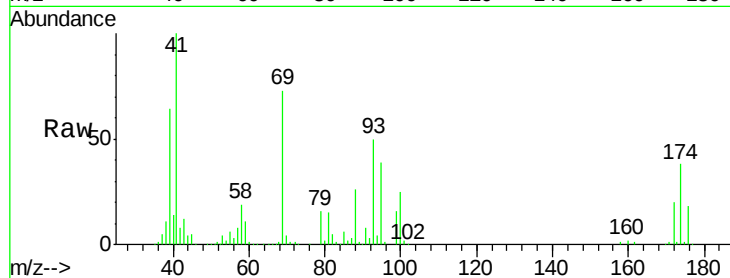
58 73.7 58.4 87.6

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#50

Toluene-d8

Concen: 48.589 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064598.D

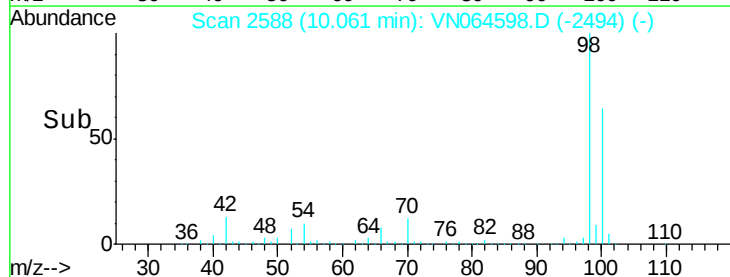
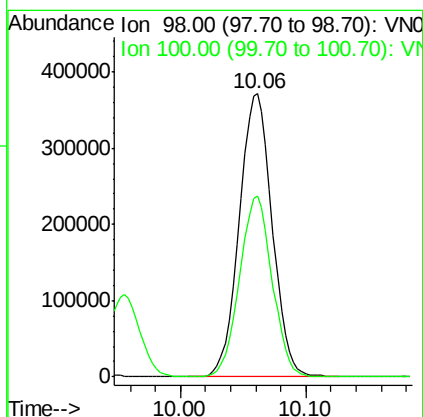
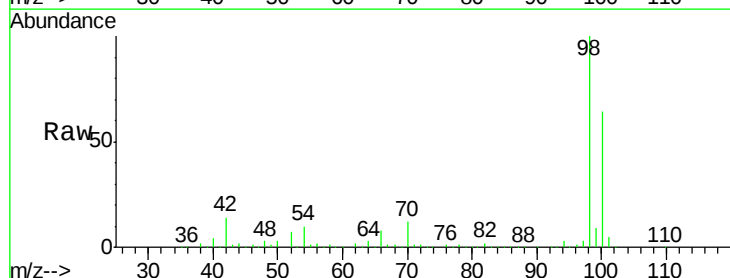
Acq: 12 Nov 2020 22:29

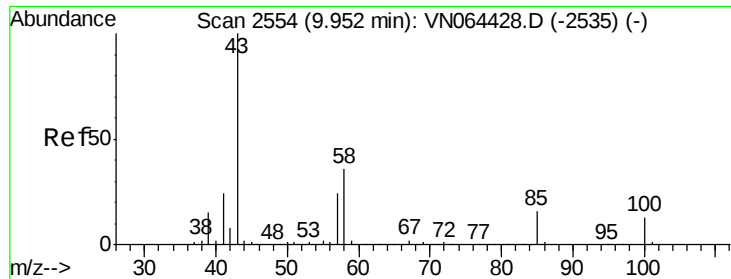
Tgt Ion: 98 Resp: 677503

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 287.481 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1520834

Ion Ratio Lower Upper

43 100

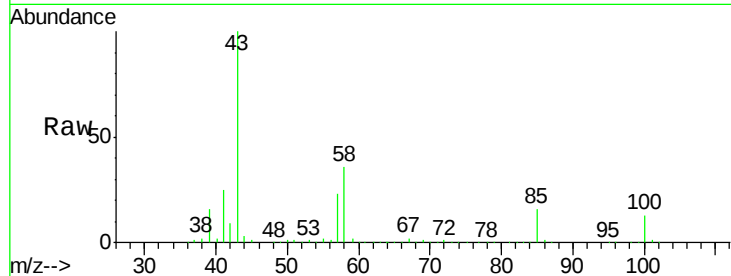
58 35.8 28.4 42.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.96

800000

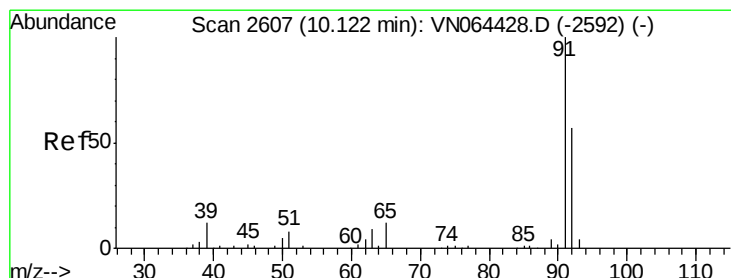
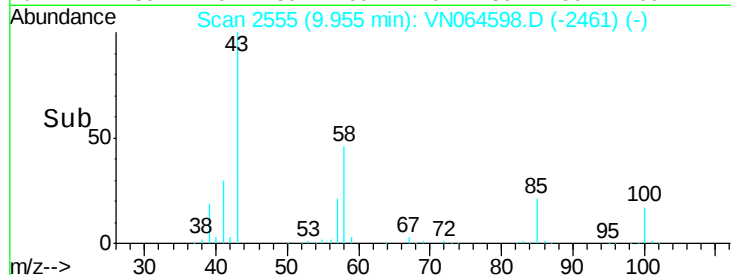
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.725 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064598.D

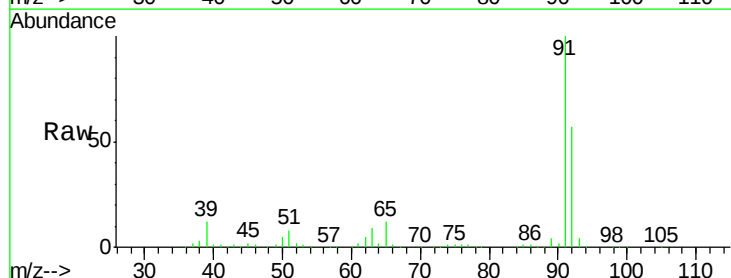
Acq: 12 Nov 2020 22:29

Tgt Ion: 92 Resp: 508891

Ion Ratio Lower Upper

92 100

91 176.6 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

500000

400000

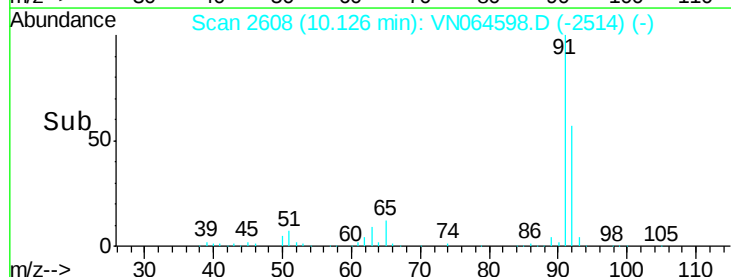
300000

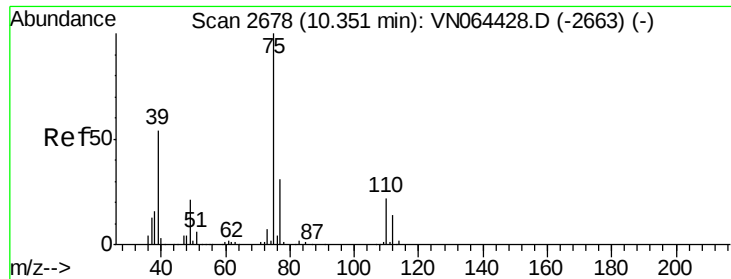
200000

100000

0

Time-->





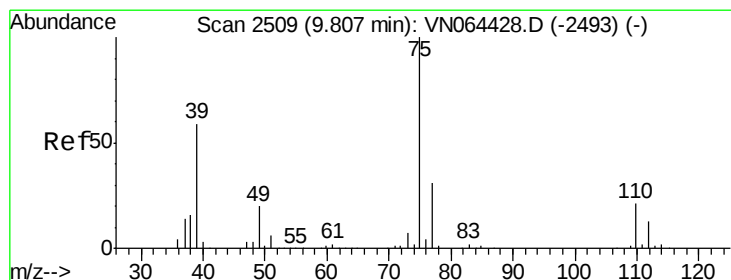
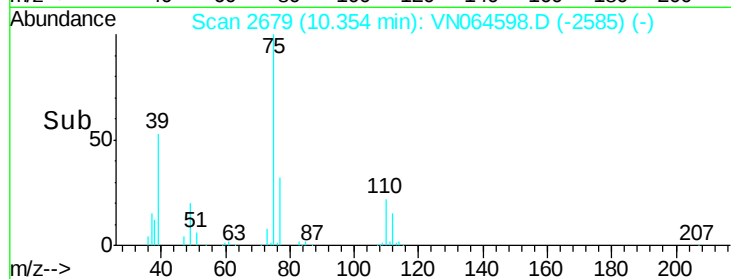
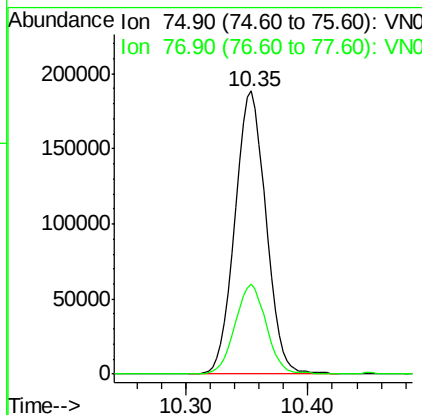
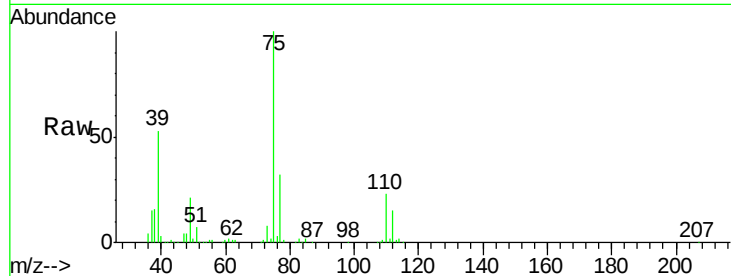
#53
 t-1,3-Dichloropropene
 Concen: 50.454 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 332297
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2

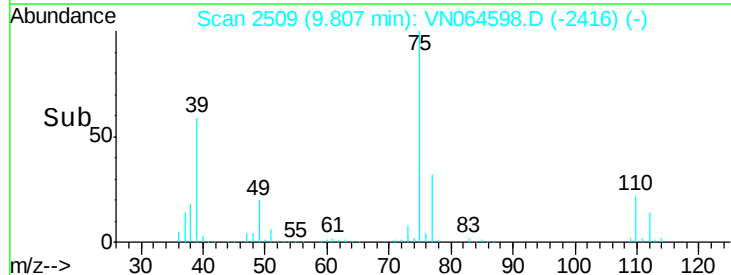
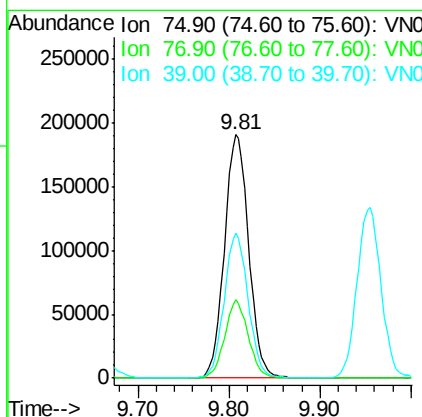
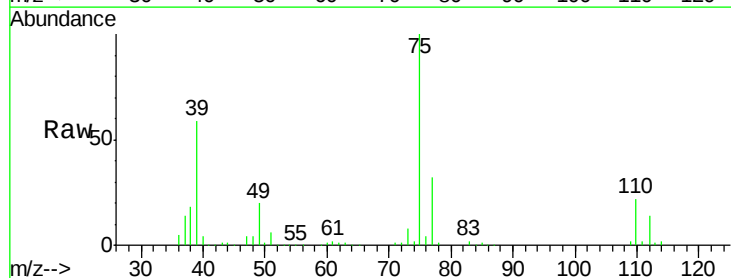
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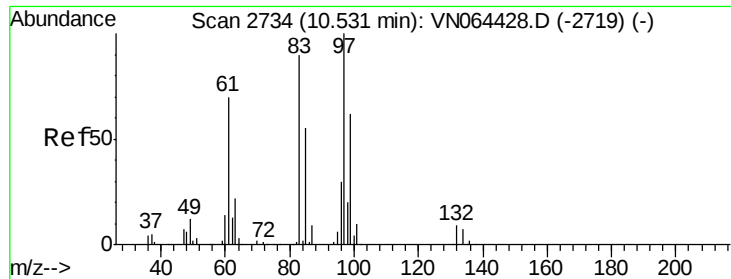
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#54
 cis-1,3-Dichloropropene
 Concen: 50.211 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 75 Resp: 353569
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3
 39 59.2 47.1 70.7





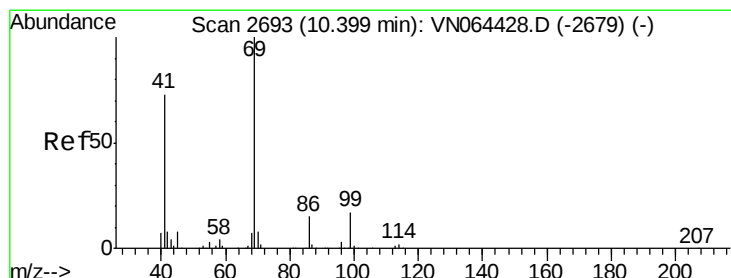
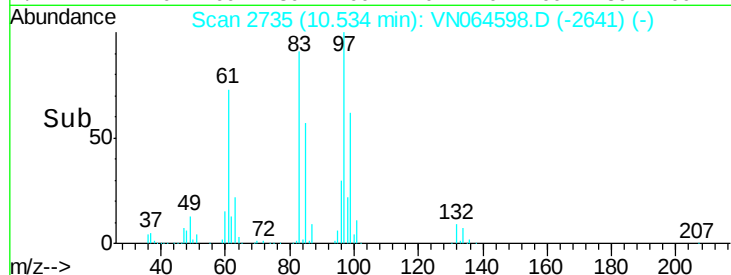
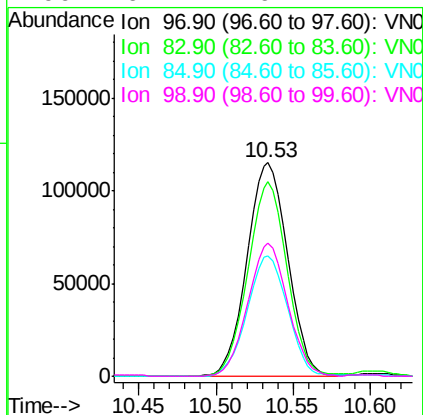
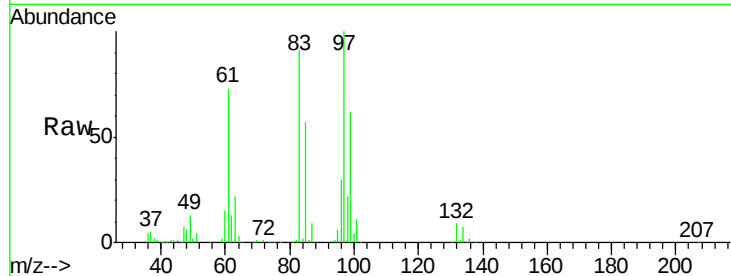
#55
 1,1,2-Trichloroethane
 Concen: 53.999 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	211275
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.7	107.5
85	56.6	44.3	66.5
99	62.4	49.4	74.2

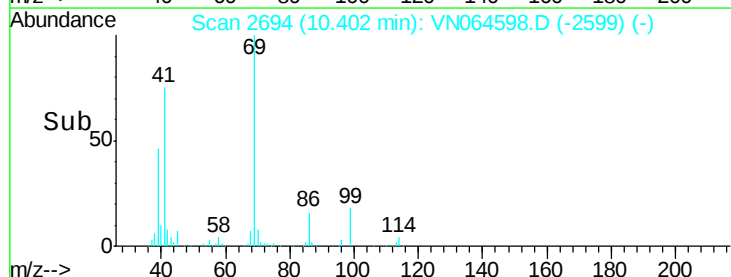
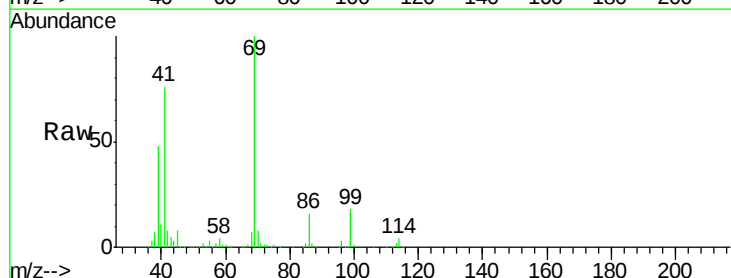
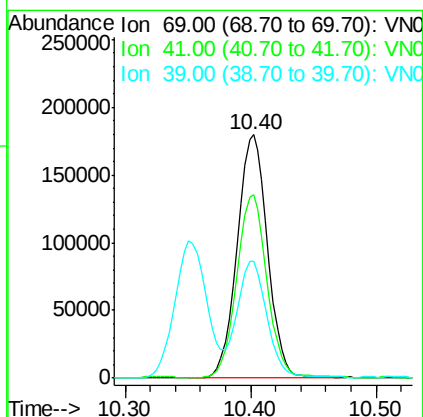
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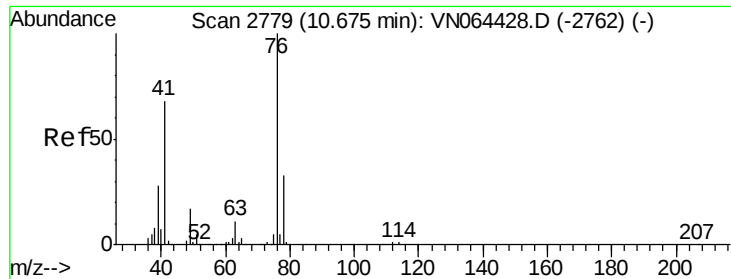
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#56
 Ethyl methacrylate
 Concen: 47.119 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion:	69	Resp:	302607
Ion	Ratio	Lower	Upper
69	100		
41	74.4	59.3	88.9
39	47.1	35.4	53.0





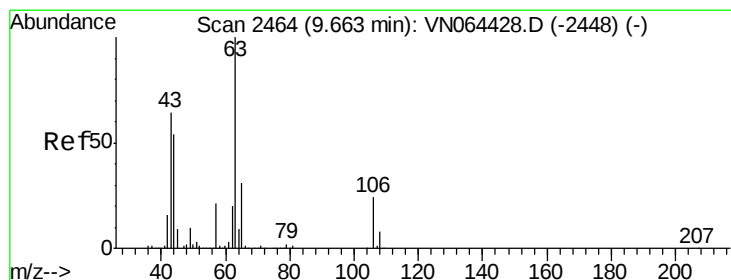
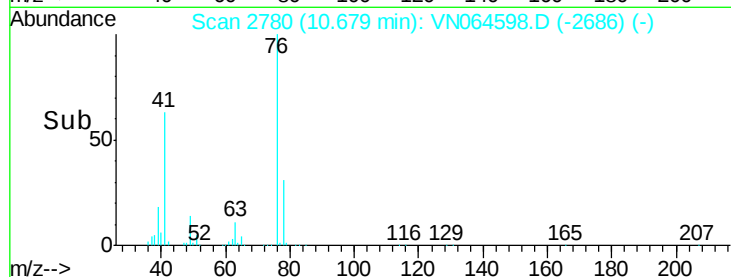
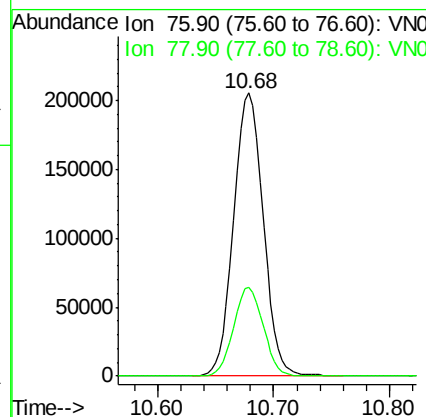
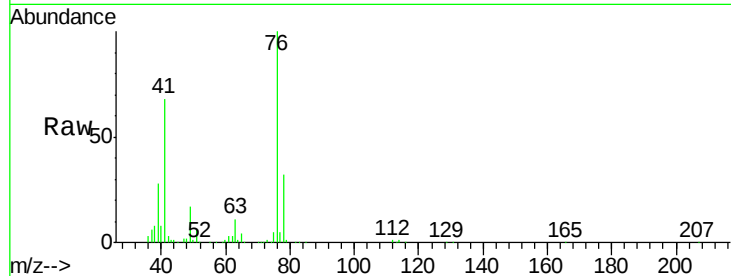
#57
 1,3-Dichloropropane
 Concen: 53.045 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.8	38.6

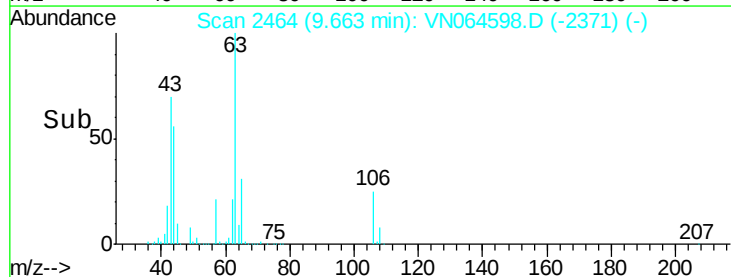
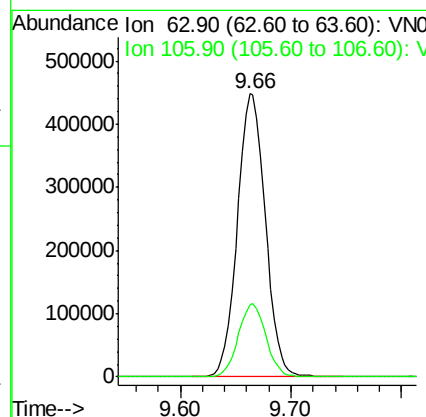
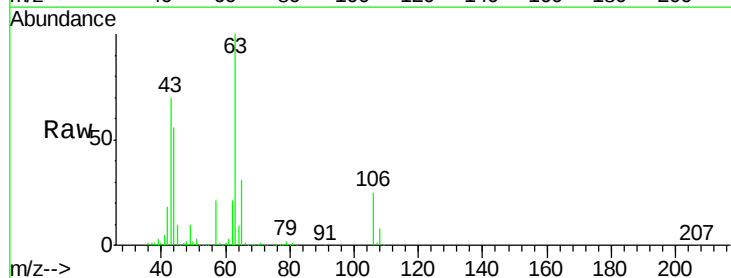
Manual Integrations
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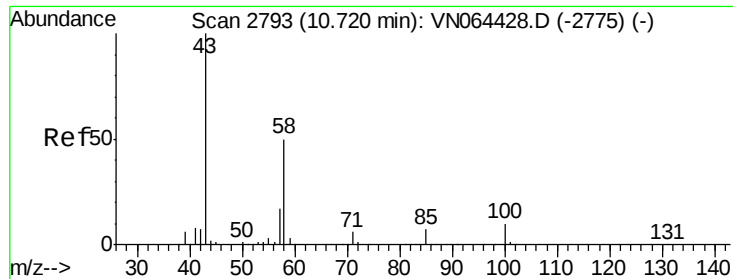
MMDadoda
 11/13/2020 11:43:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.409 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.7	19.5	29.3





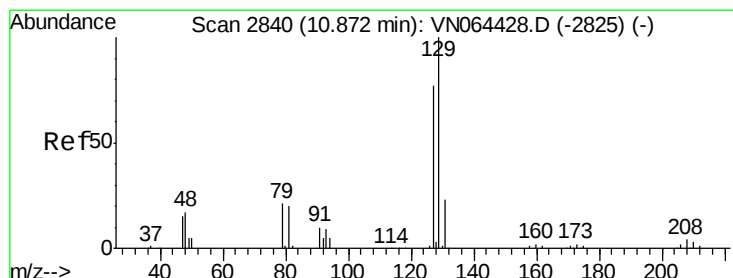
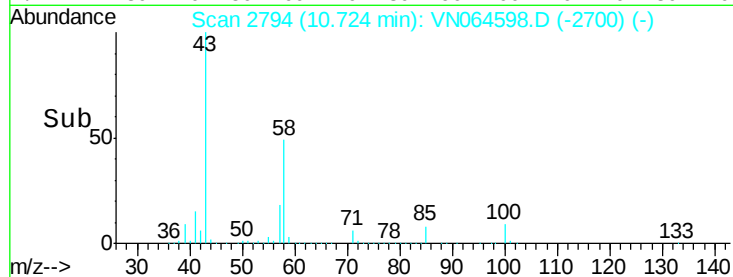
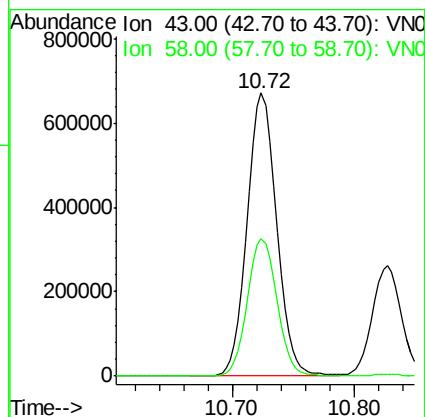
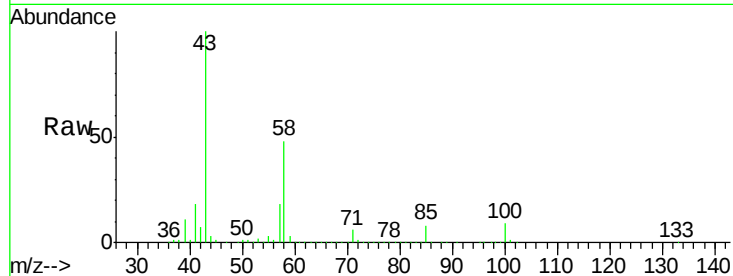
#59
2-Hexanone
Concen: 257.557 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1111592
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1

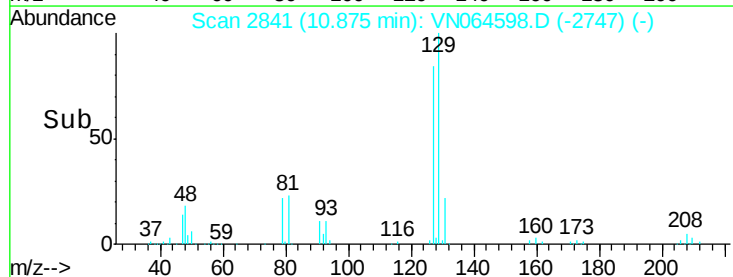
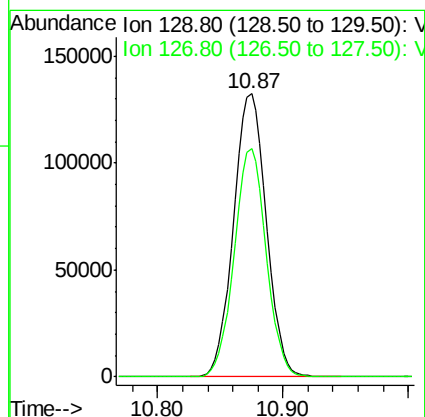
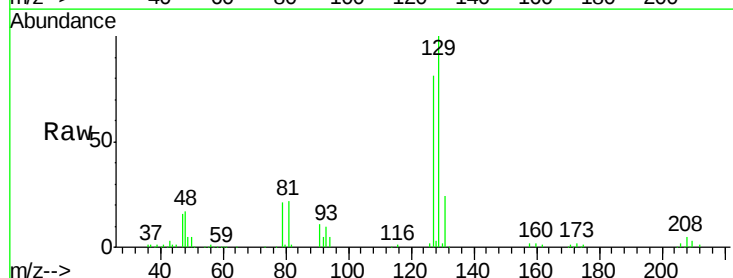
Manual Integrations
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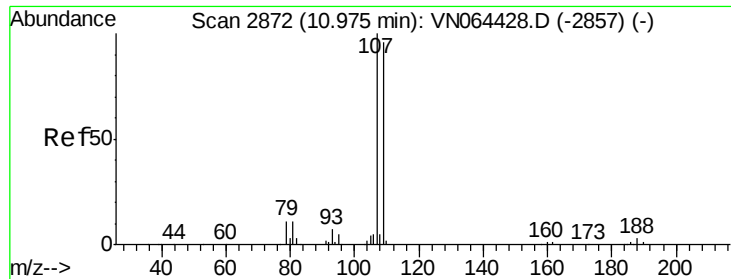
MMDadoda
11/13/2020 11:43:06 AM



#60
Dibromochloromethane
Concen: 54.966 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 129 Resp: 240780
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.790 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 217437

Ion Ratio Lower Upper

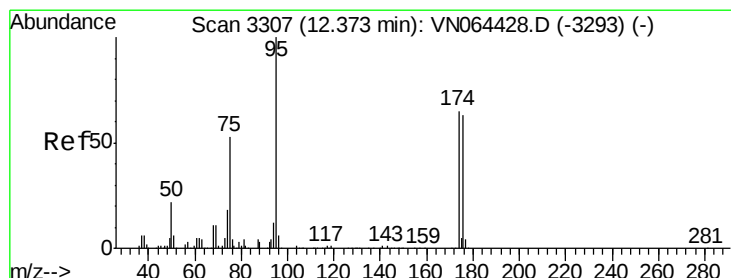
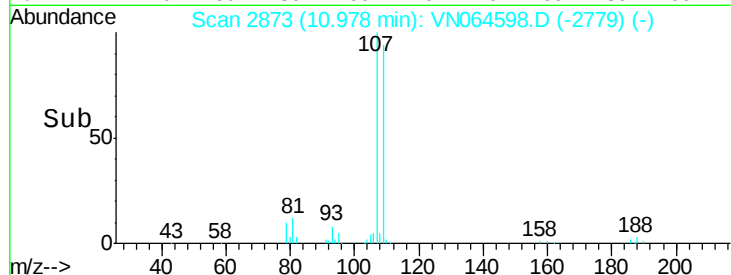
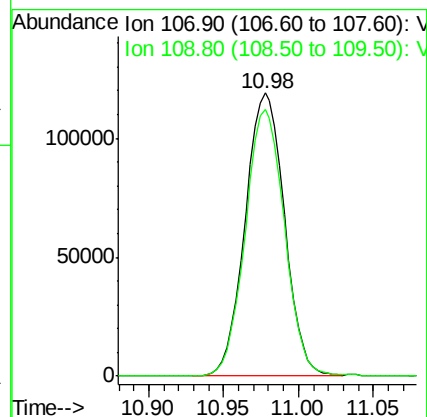
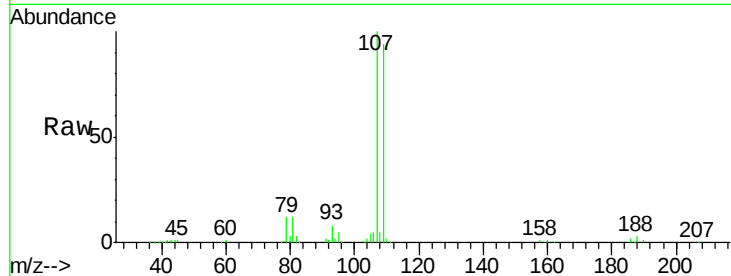
107 100

109 94.8 75.9 113.9

Manual Integrations
APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 48.459 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

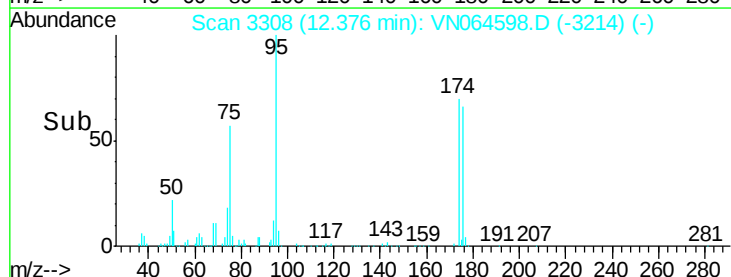
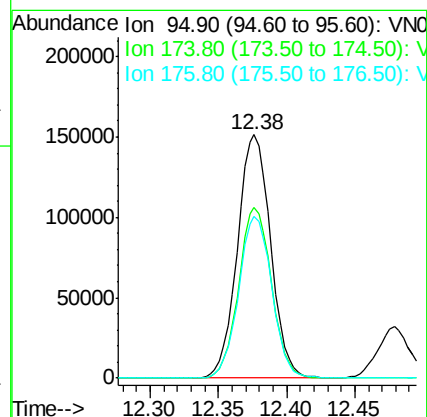
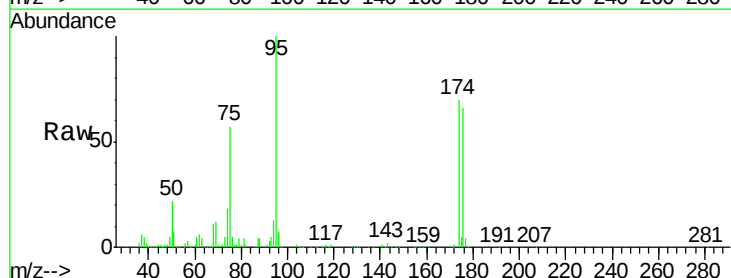
Tgt Ion: 95 Resp: 255539

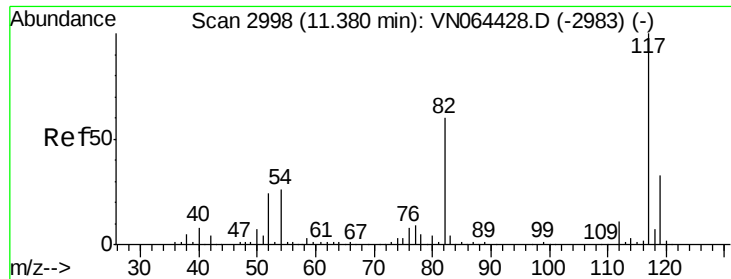
Ion Ratio Lower Upper

95 100

174 69.6 0.0 132.6

176 66.4 0.0 129.2





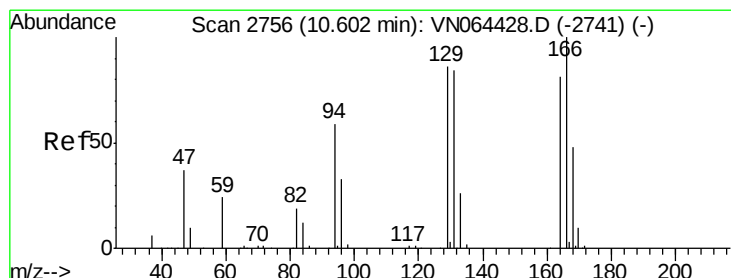
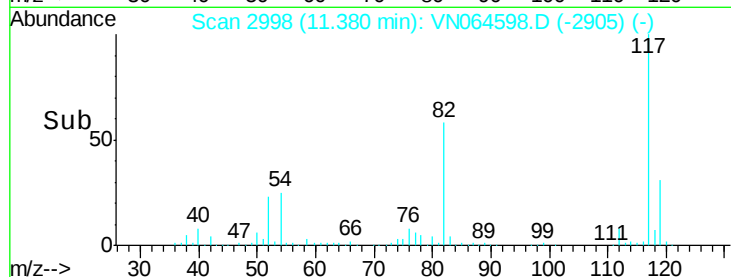
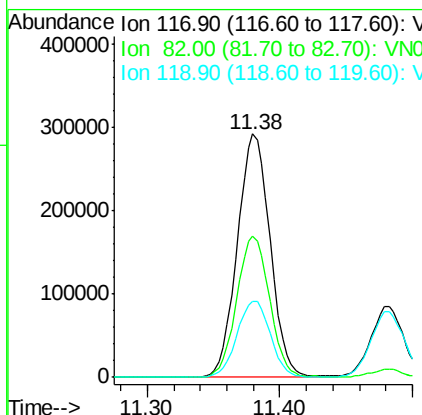
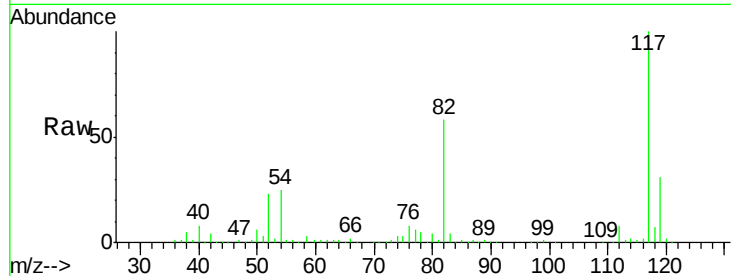
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	48.1	72.1
119	31.4	26.2	39.4

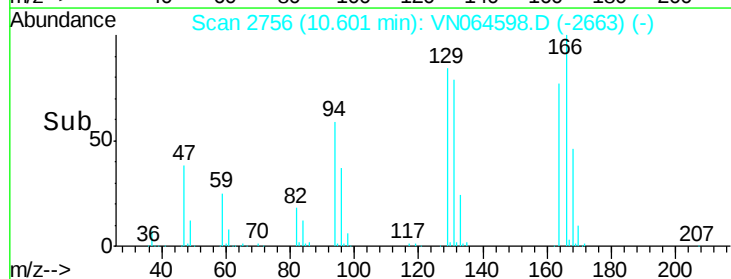
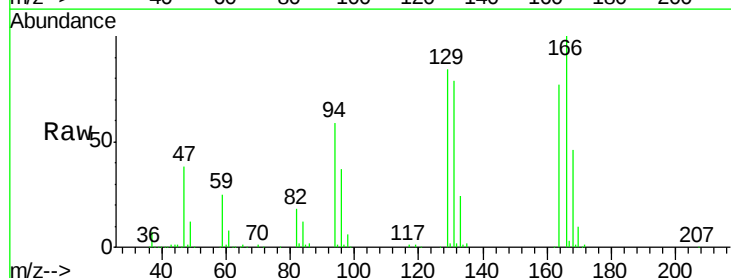
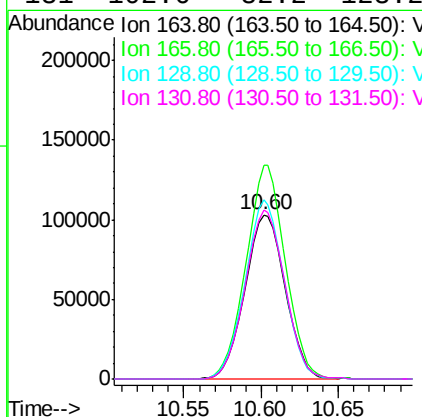
Manual Integrations
APPROVED

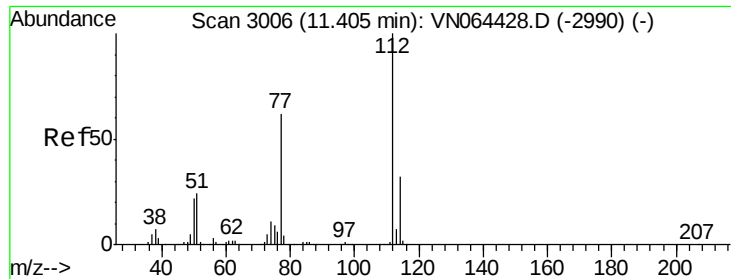
MMDadoda
11/13/2020 11:43:06 AM



#64
Tetrachloroethene
Concen: 48.081 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	98.2	147.2
129	109.0	84.6	127.0
131	102.6	82.2	123.2





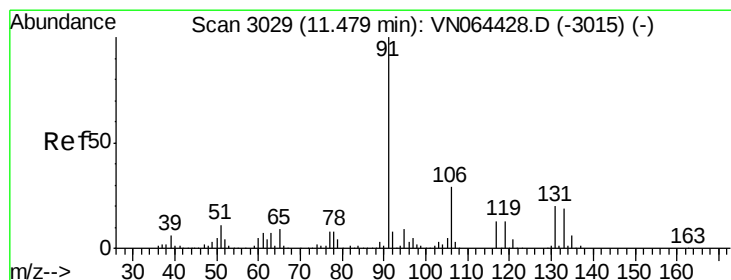
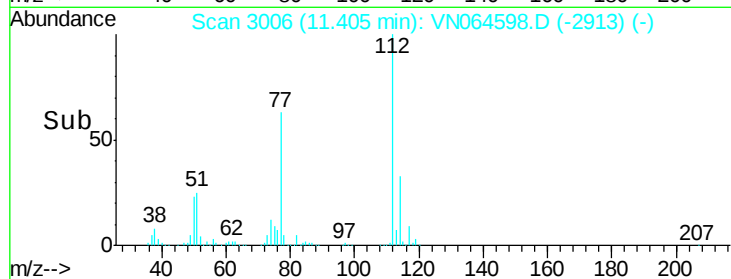
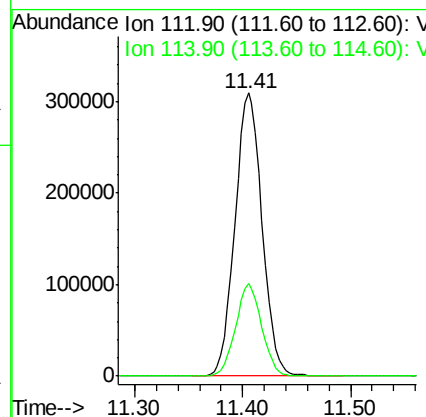
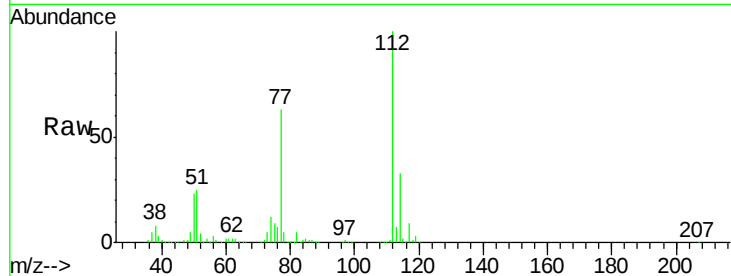
#65
Chlorobenzene
Concen: 49.150 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

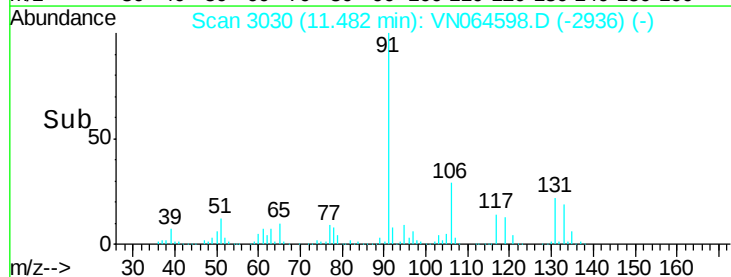
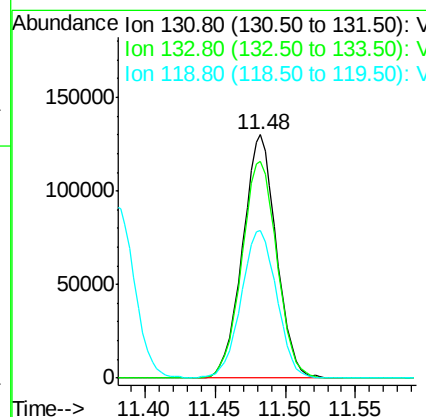
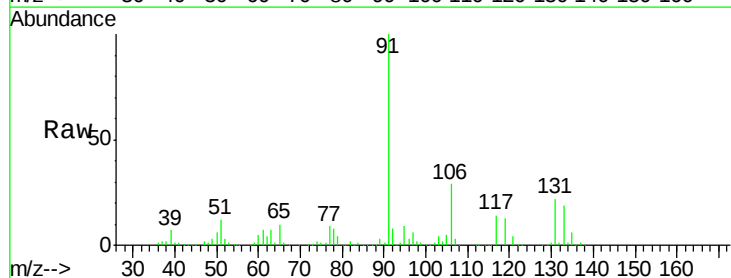
Manual Integrations
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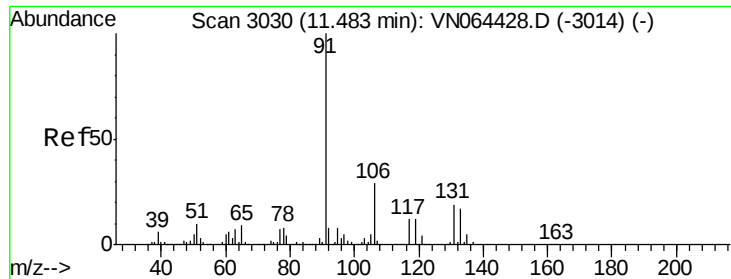
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.935 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	46.9	140.7
119	63.5	32.1	96.5





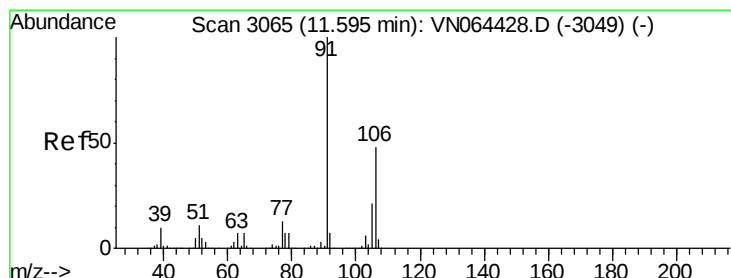
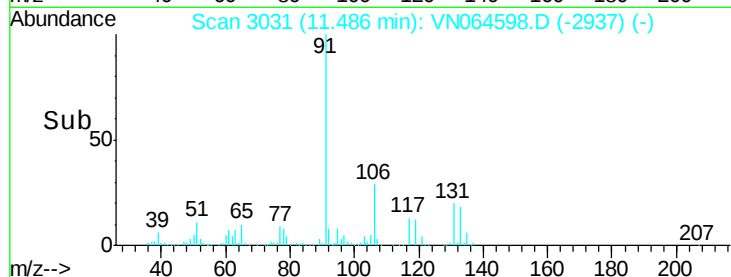
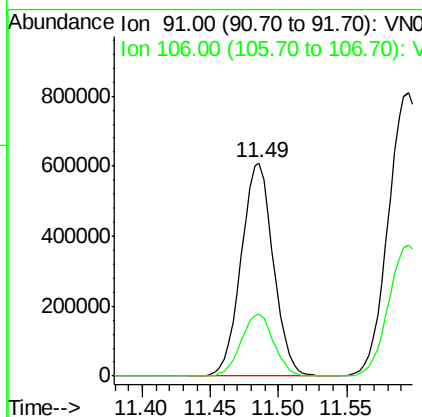
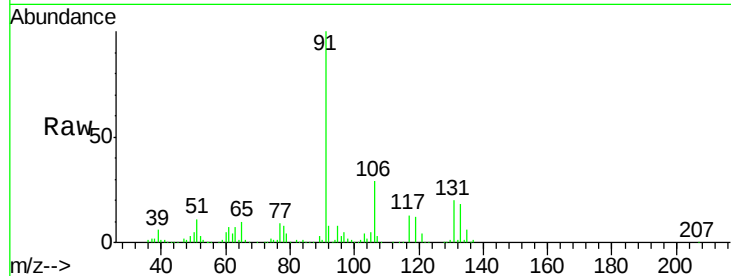
#67
Ethyl Benzene
Concen: 50.789 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.6	35.4

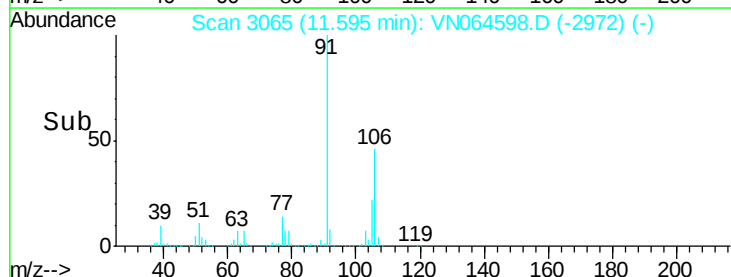
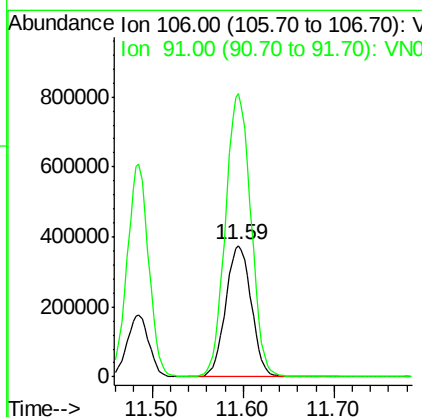
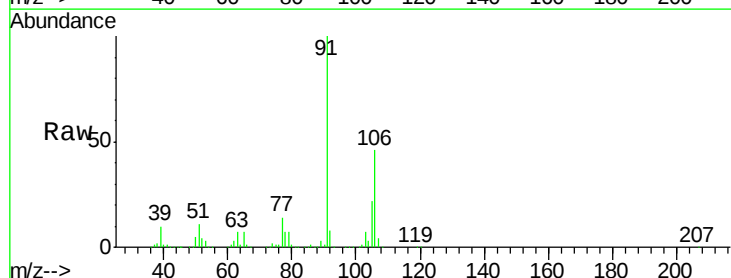
Manual Integrations
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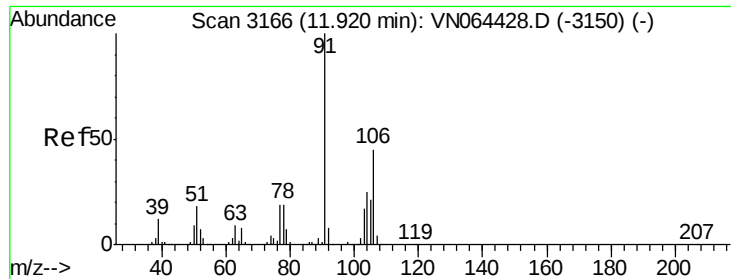
MMDadoda
11/13/2020 11:43:06 AM



#68
m/p-Xylenes
Concen: 103.021 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.2	169.4	254.2





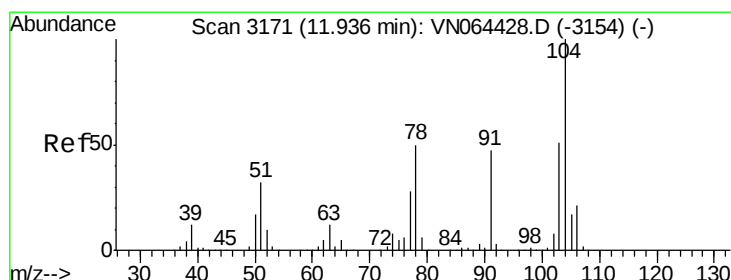
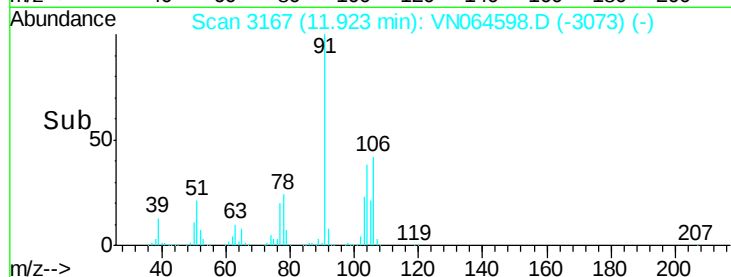
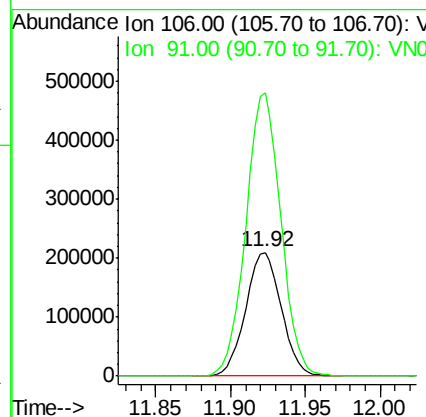
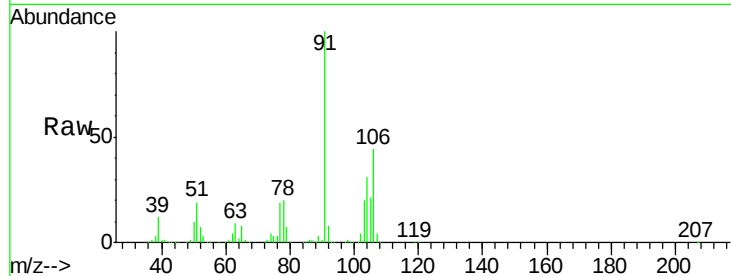
#69
o-Xylene
Concen: 50.501 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 347302
Ion Ratio Lower Upper
106 100
91 225.5 111.7 334.9

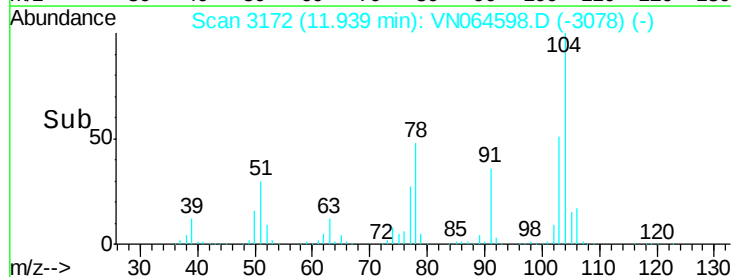
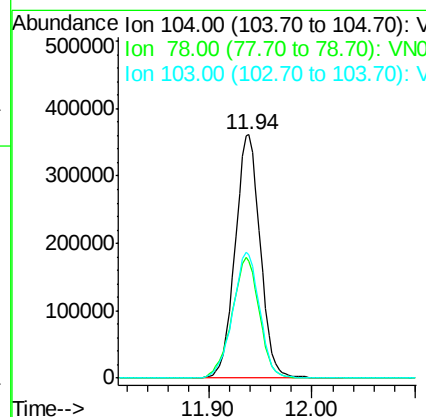
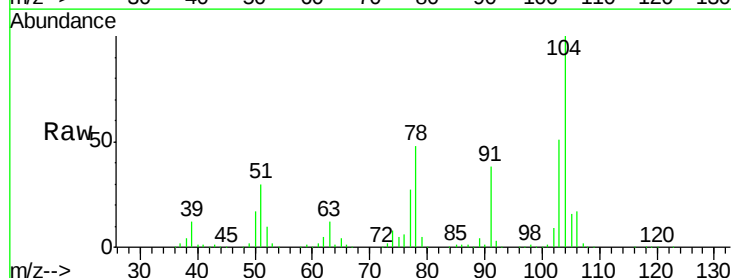
Manual Integrations
APPROVED

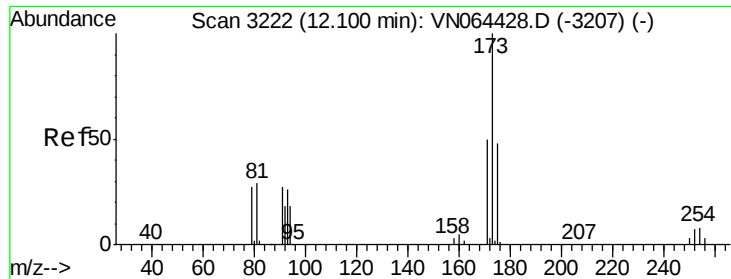
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#70
Styrene
Concen: 53.166 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion:104 Resp: 615252
Ion Ratio Lower Upper
104 100
78 53.7 44.0 66.0
103 55.4 43.8 65.6





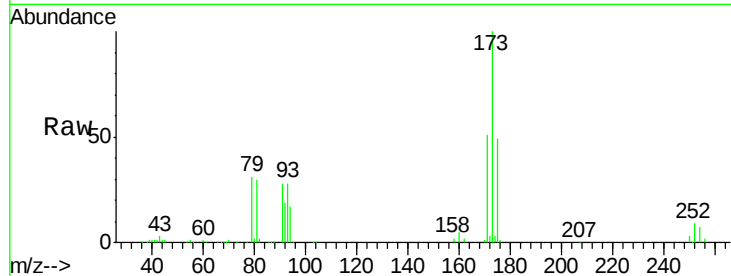
#71
Bromoform
Concen: 52.243 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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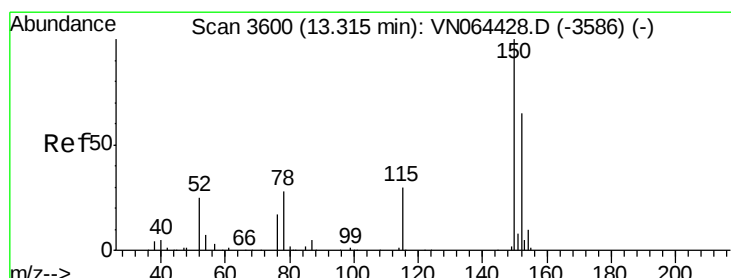
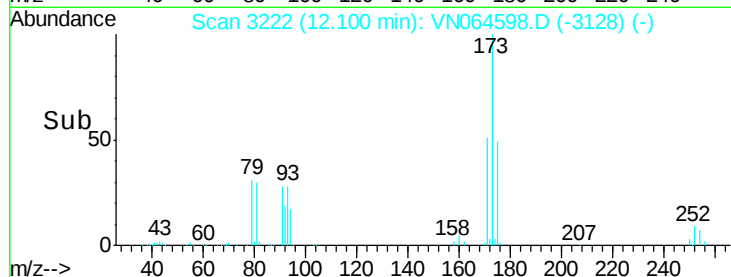
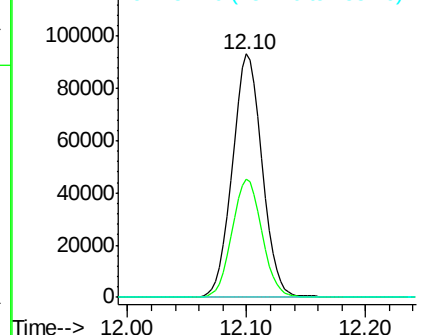


Abundance

Ion 172.70 (172.40 to 173.40): V

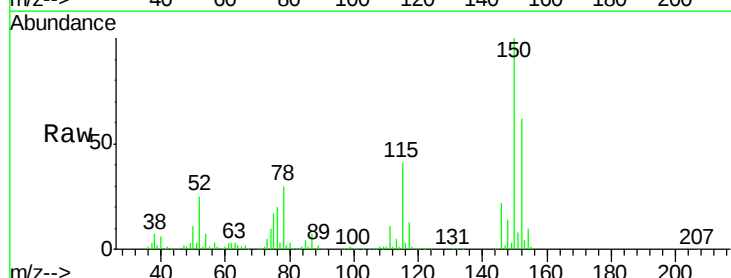
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.0	96.0
150	174.4	0.0	353.8

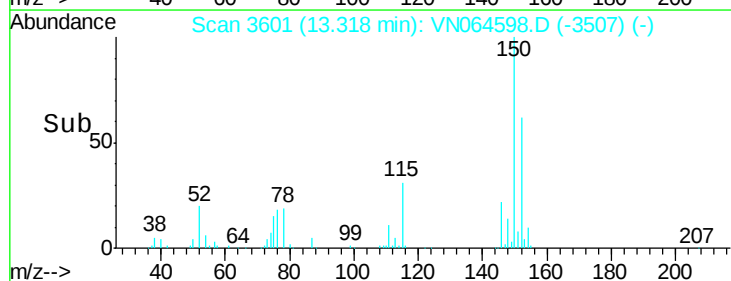
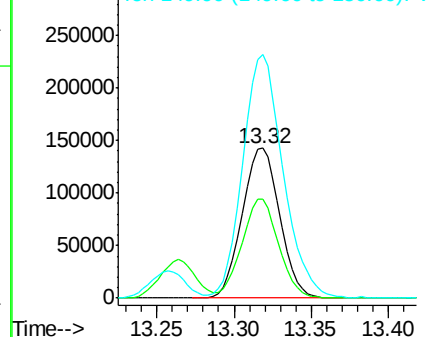


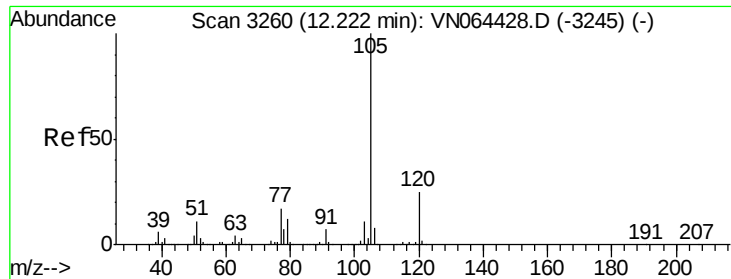
Abundance

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





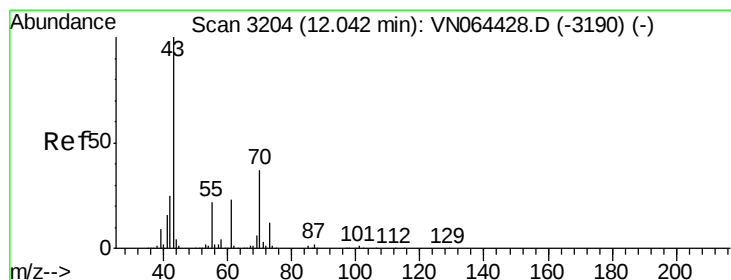
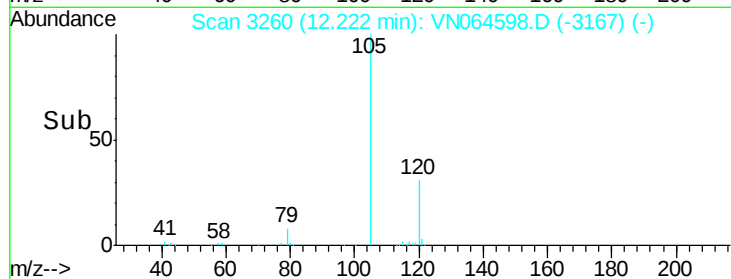
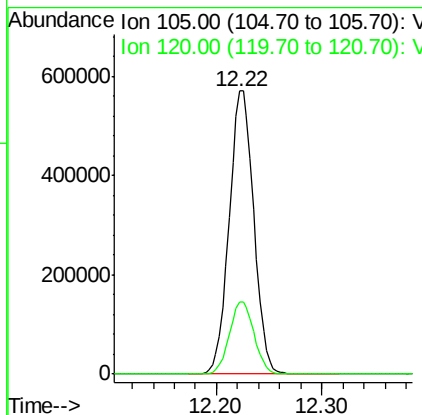
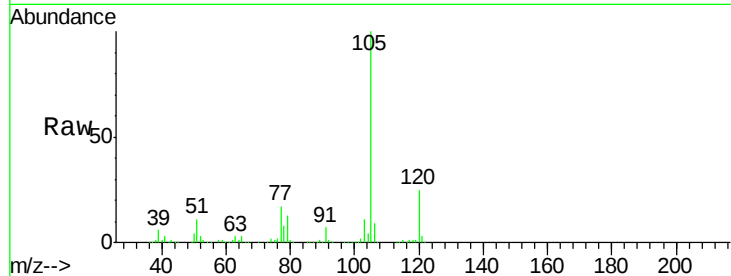
#73
Isopropylbenzene
Concen: 48.070 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

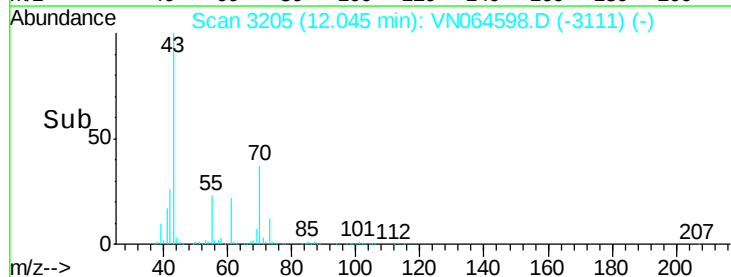
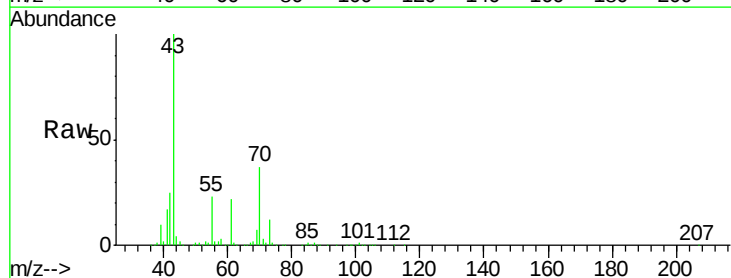
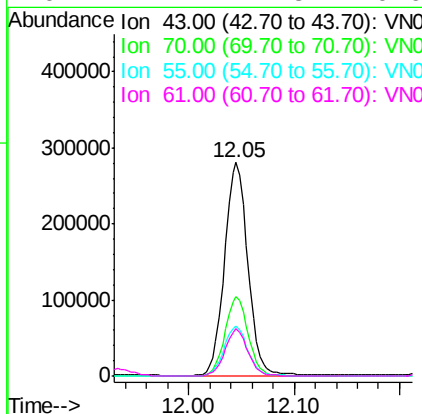
Manual Integrations
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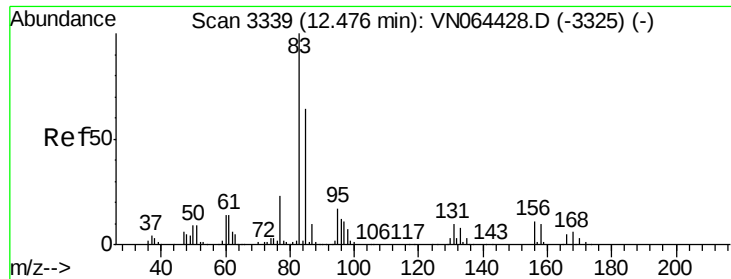
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#74
N-ethyl acetate
Concen: 46.346 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.0	29.6	44.4
55	23.9	18.4	27.6
61	21.7	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.219 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

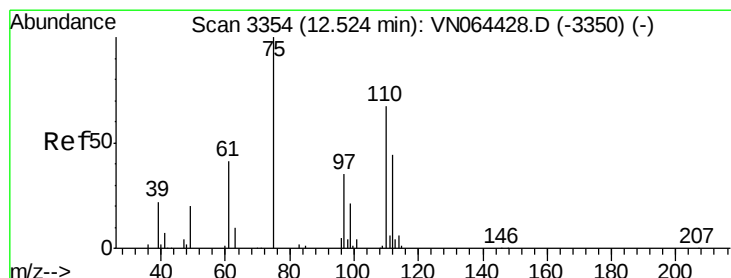
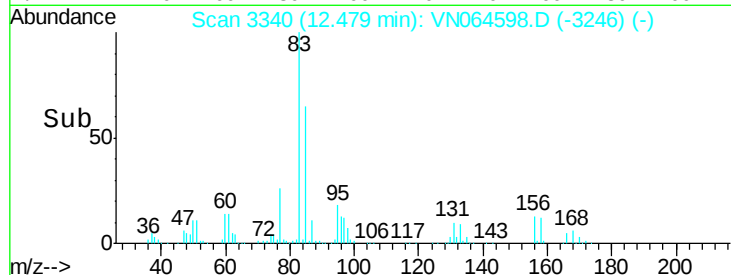
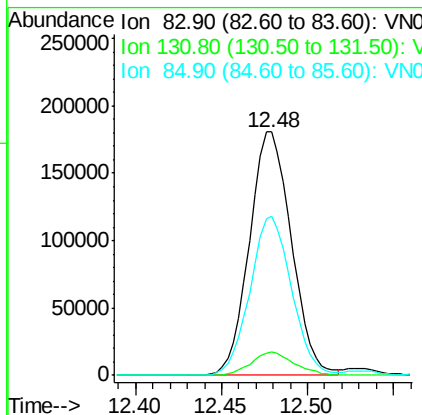
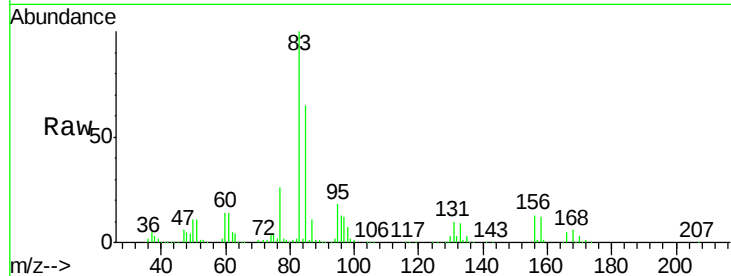
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	306548
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.815 ug/l m

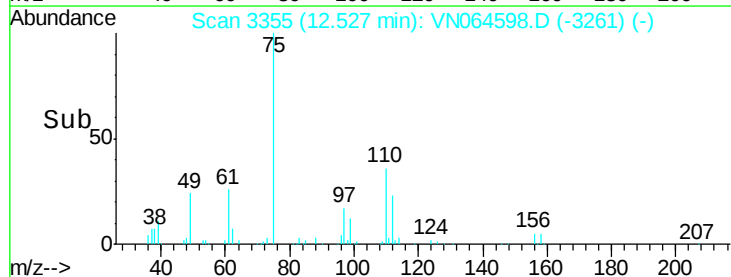
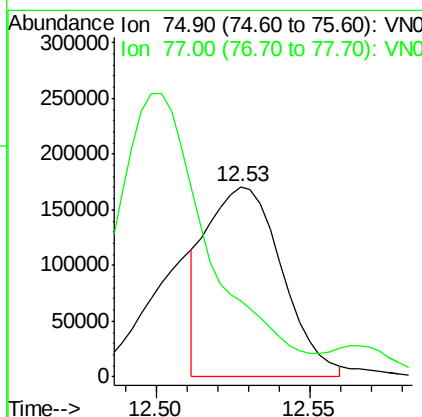
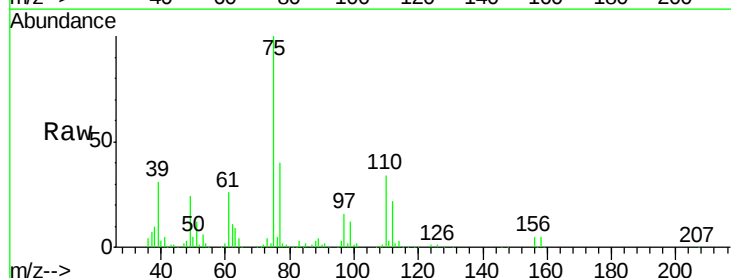
RT: 12.53 min Scan# 3355

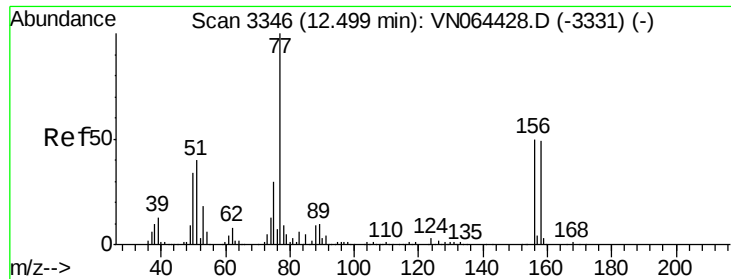
Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	75	Resp:	290229
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





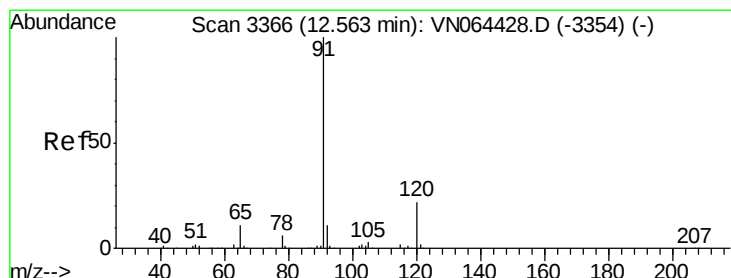
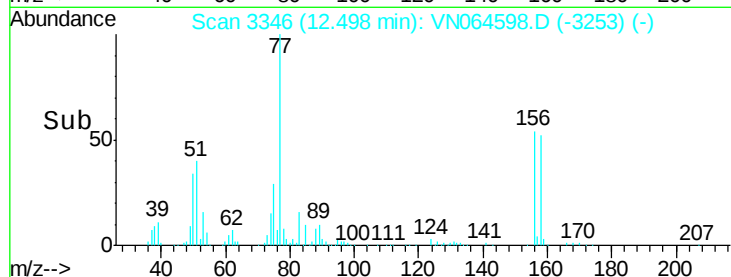
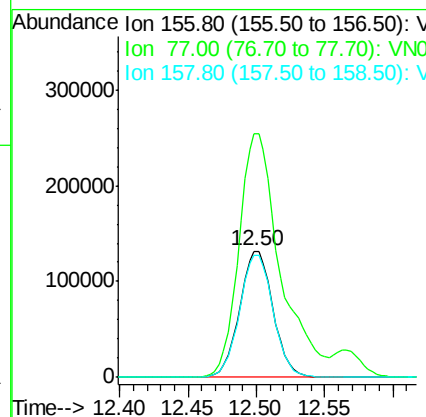
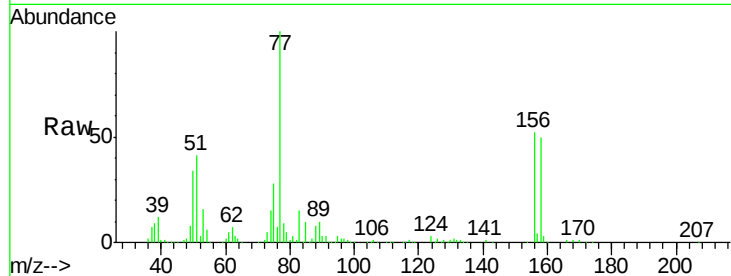
#77
Bromobenzene
Concen: 47.791 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	240.6	119.0	357.0	
158	98.1	48.4	145.3	

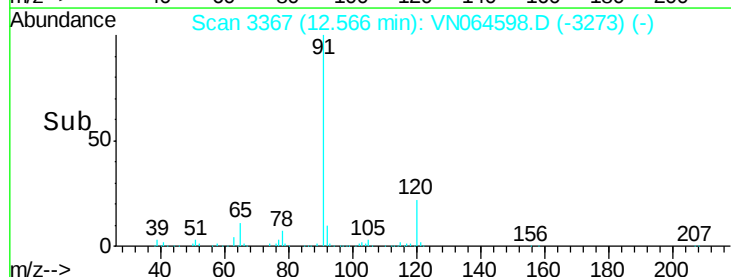
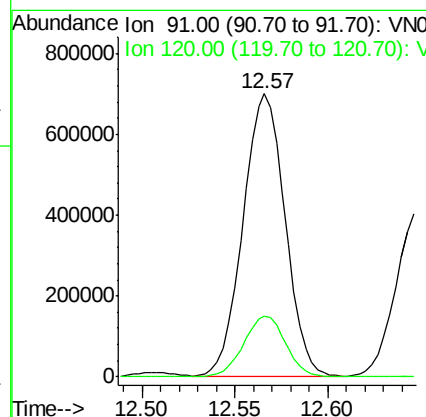
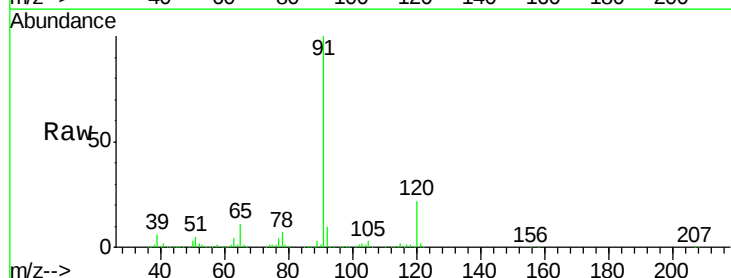
Manual Integrations
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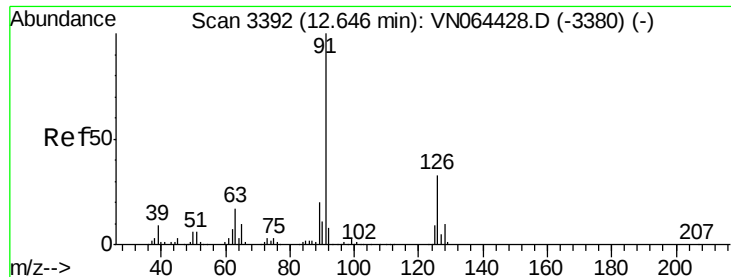
MMDadoda
11/13/2020 11:43:06 AM



#78
n-propylbenzene
Concen: 50.388 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.6	11.0	33.0	





#79

2-Chlorotoluene

Concen: 49.052 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 677901

Ion Ratio Lower Upper

91 100

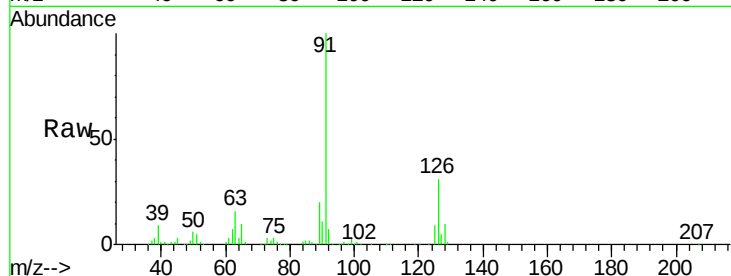
126 32.0 16.4 49.1

Manual Integrations

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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) (-)

600000

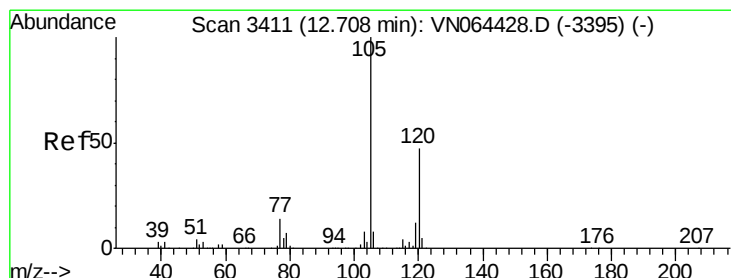
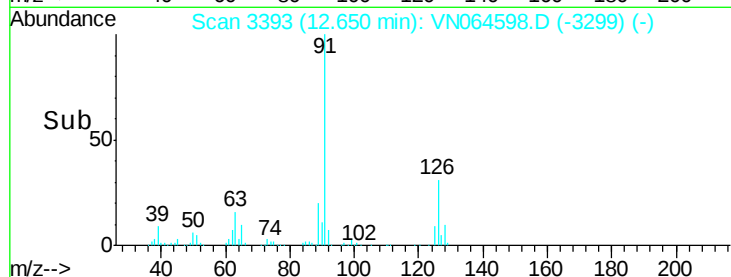
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.197 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064598.D

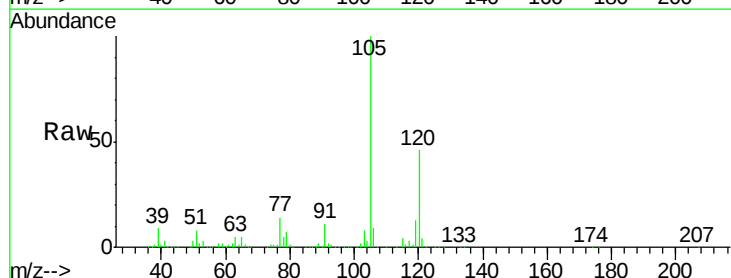
Acq: 12 Nov 2020 22:29

Tgt Ion: 105 Resp: 791473

Ion Ratio Lower Upper

105 100

120 46.4 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) (-)

600000

500000

400000

300000

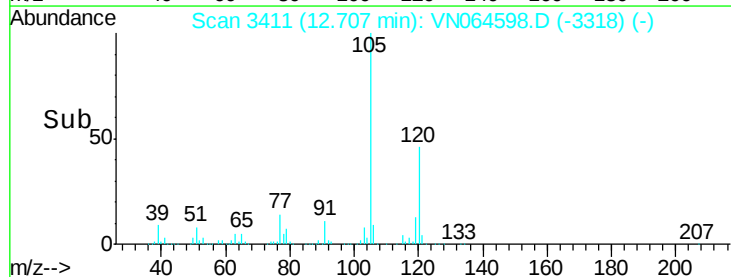
200000

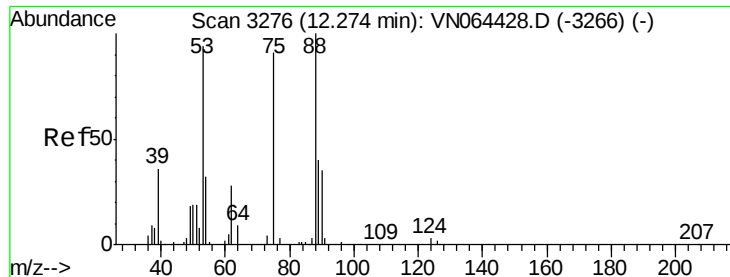
100000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.905 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

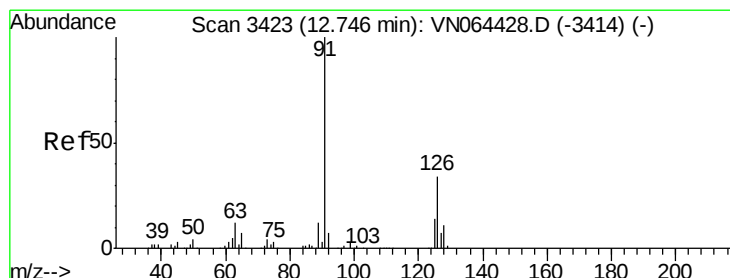
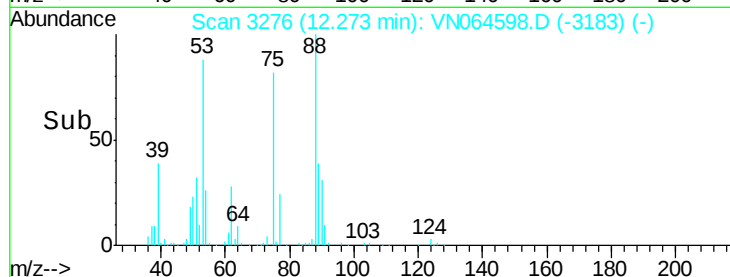
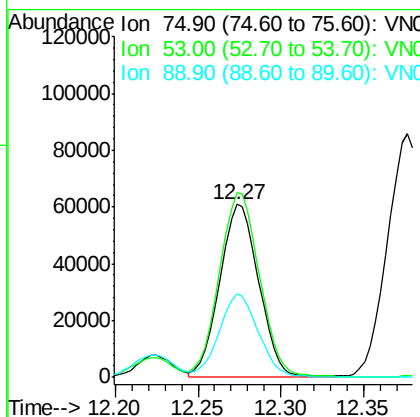
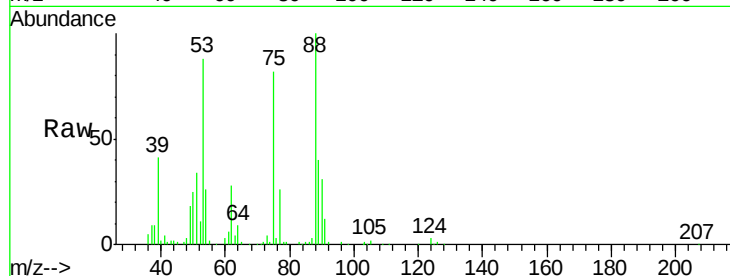
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	99960
Ion Ratio	Lower	Upper	
75	100		
53	109.6	84.0	126.0
89	48.5	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.867 ug/l

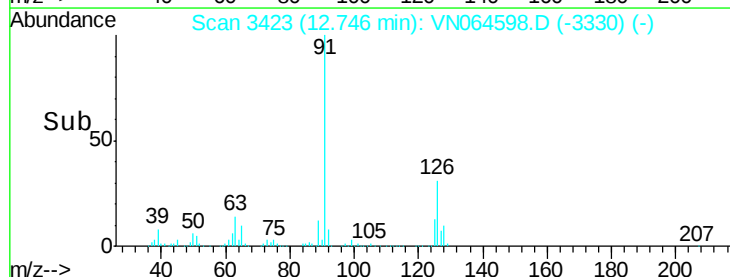
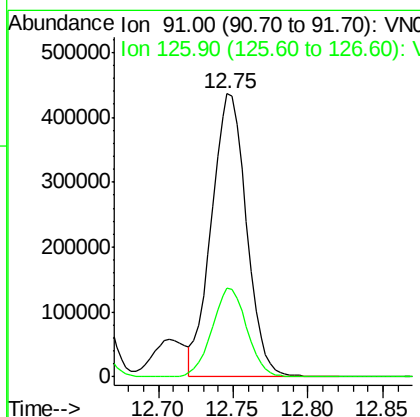
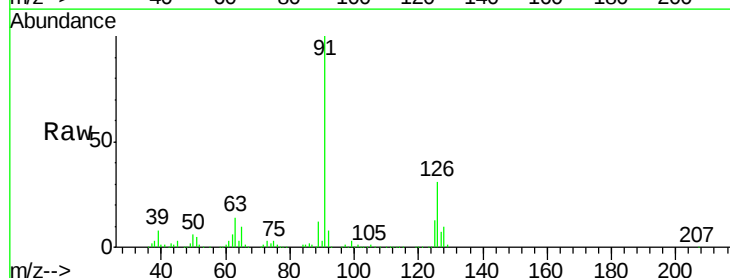
RT: 12.75 min Scan# 3423

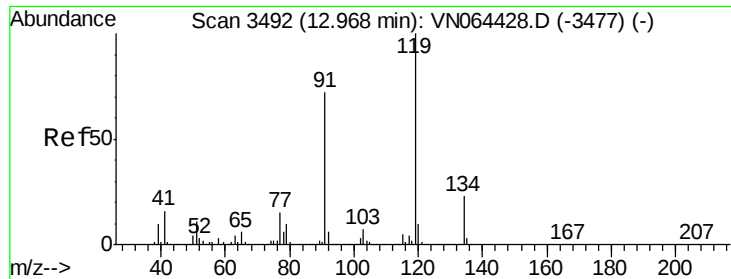
Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	91	Resp:	707265
Ion Ratio	Lower	Upper	
91	100		
126	31.5	15.4	46.2





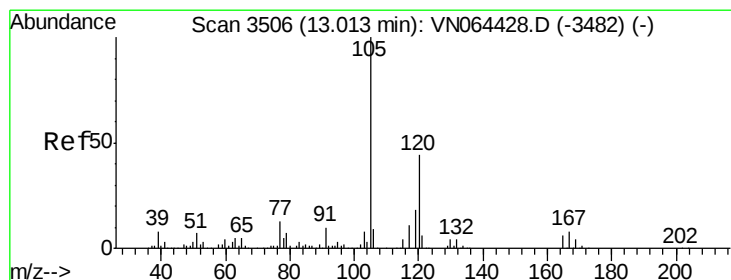
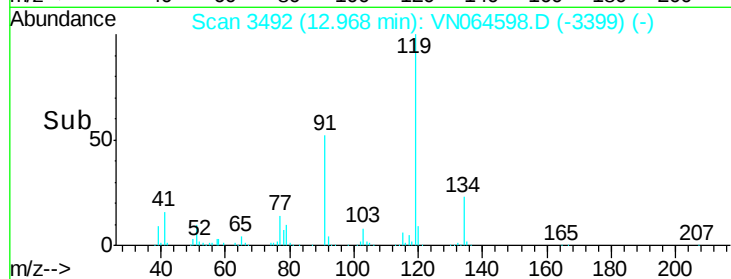
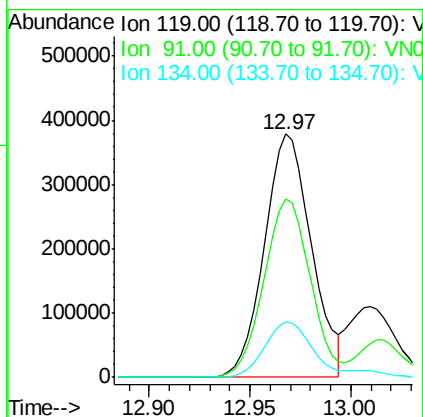
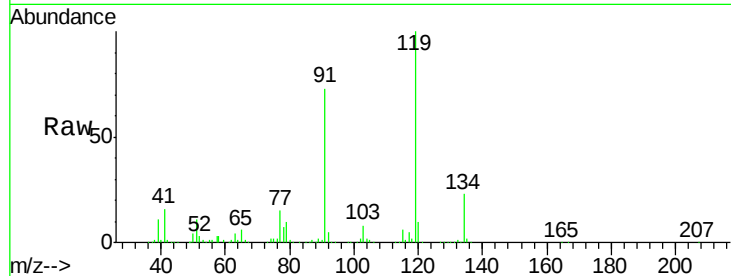
#83
tert-Butylbenzene
Concen: 49.861 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.4	36.1	108.3
134	23.3	11.7	35.1

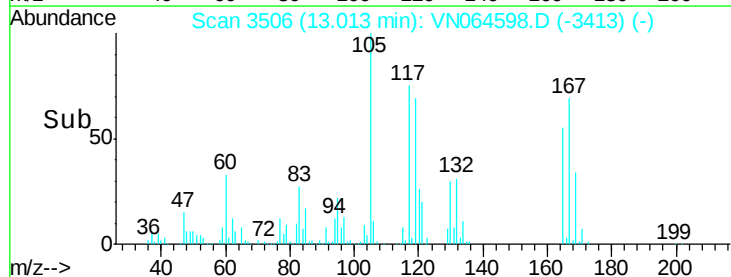
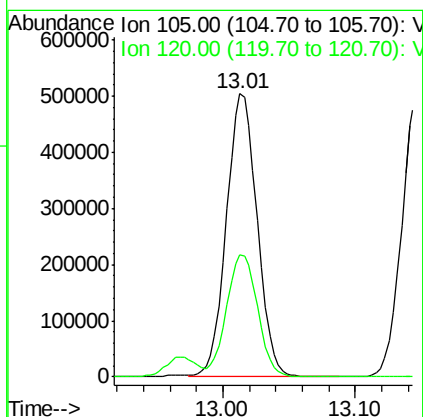
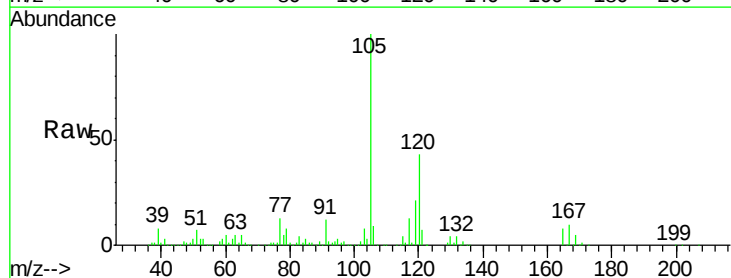
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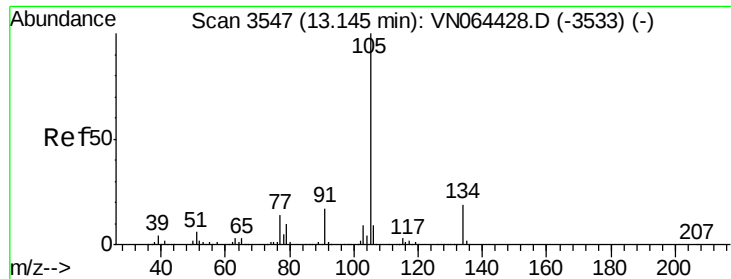
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#84
1,2,4-Trimethylbenzene
Concen: 51.044 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7





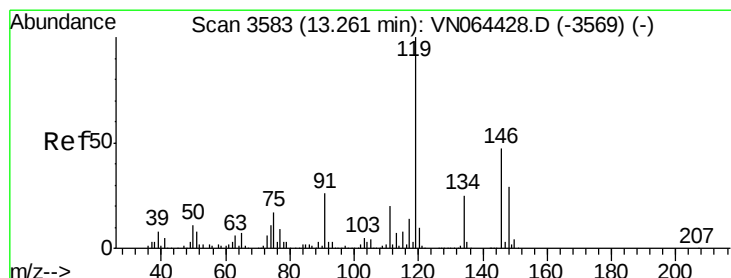
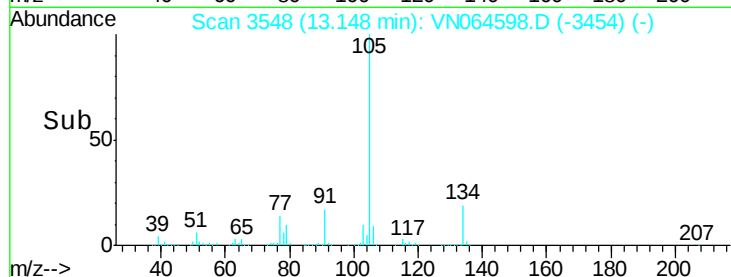
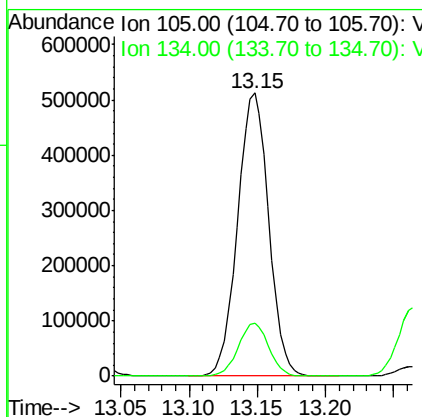
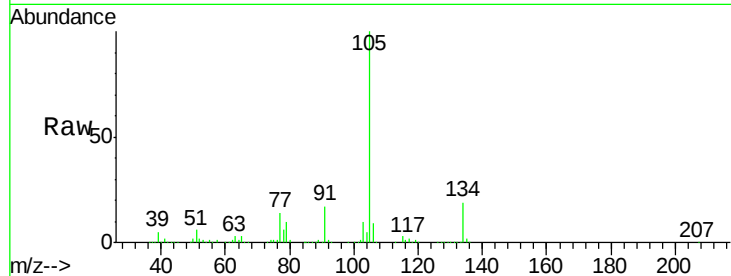
#85
 sec-Butylbenzene
 Concen: 51.802 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.4	9.4	28.2

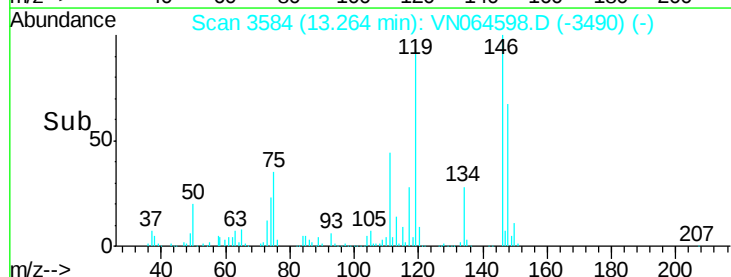
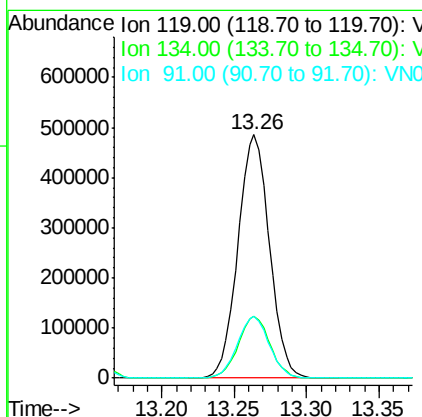
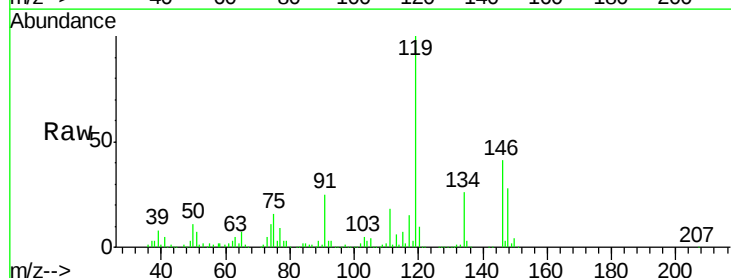
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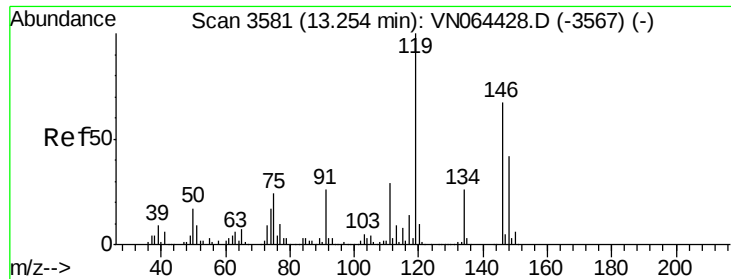
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#86
 p-Isopropyltoluene
 Concen: 52.151 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.6	37.6
91	25.7	12.8	38.3





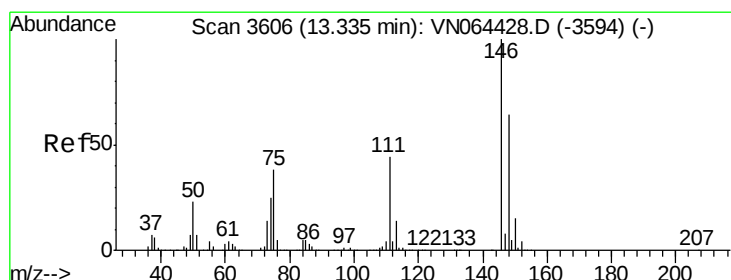
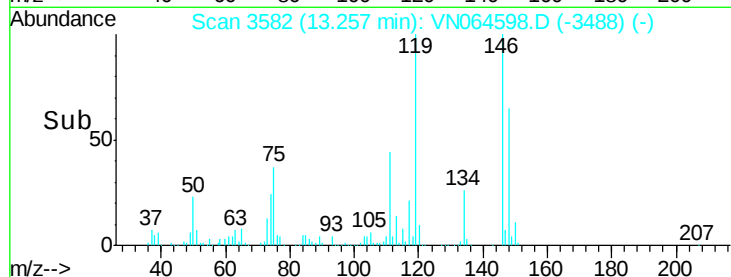
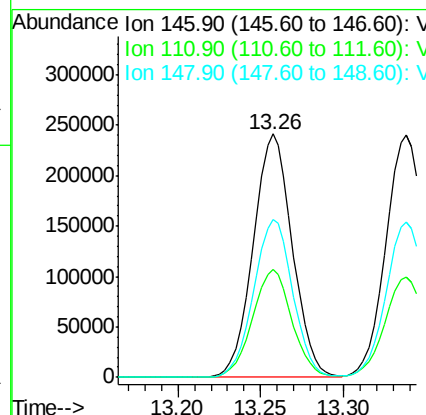
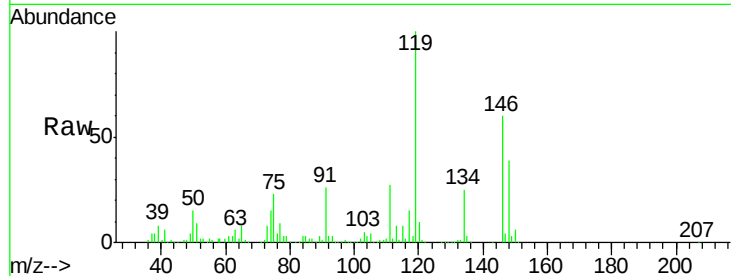
#87
 1,3-Dichlorobenzene
 Concen: 48.995 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.6	22.1	66.1	
148	64.8	31.7	95.1	

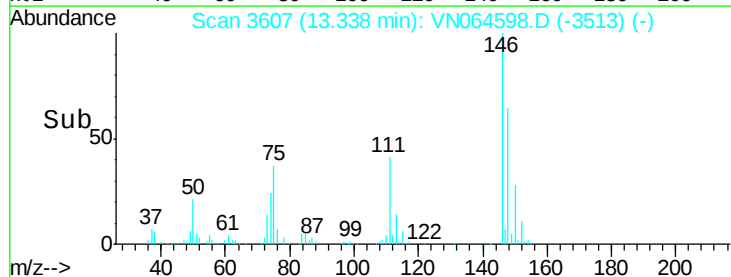
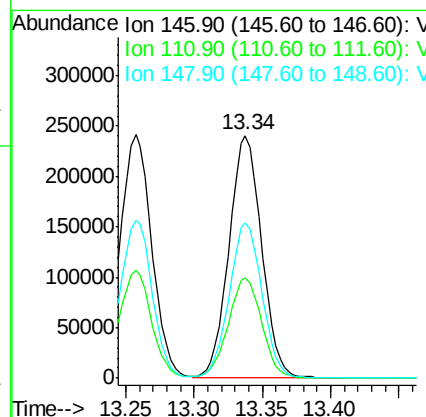
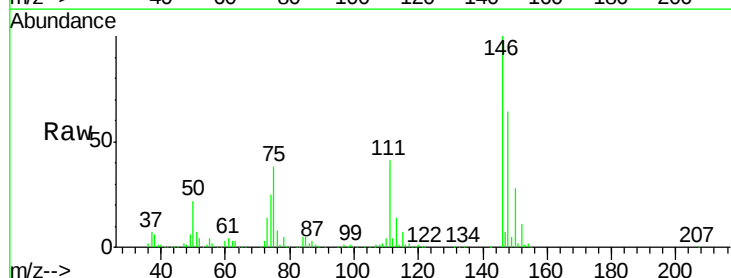
Manual Integrations
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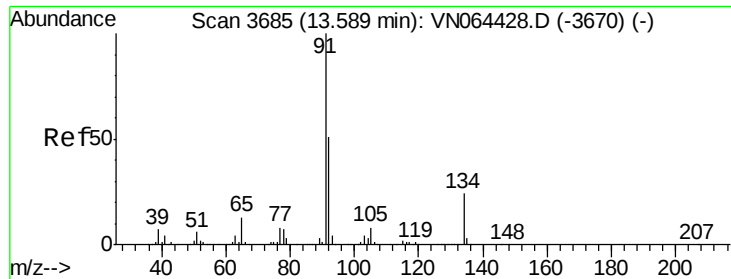
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#88
 1,4-Dichlorobenzene
 Concen: 47.748 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.1	21.8	65.3	
148	64.3	32.4	97.2	





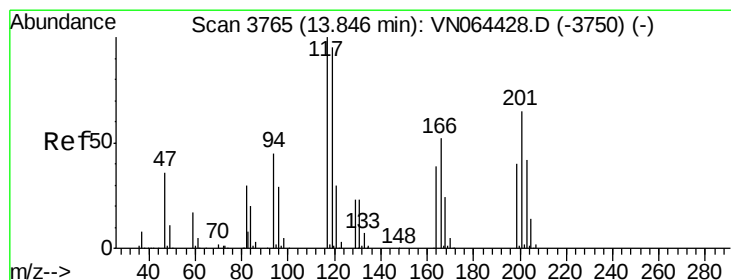
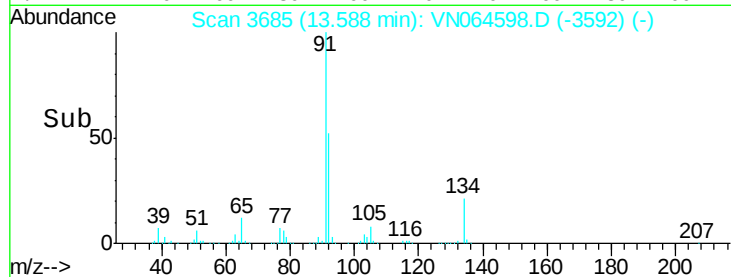
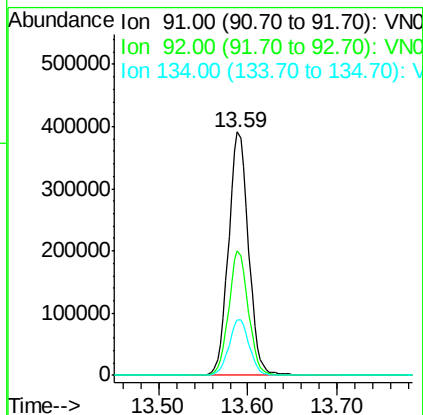
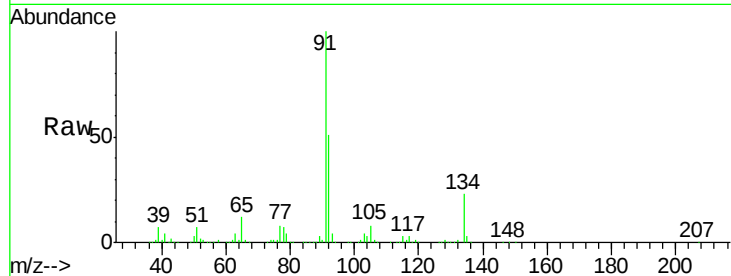
#89
n-Butylbenzene
Concen: 50.323 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	25.3	75.9
134	23.1	11.8	35.4

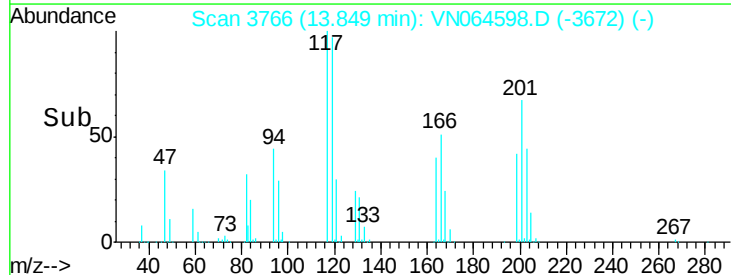
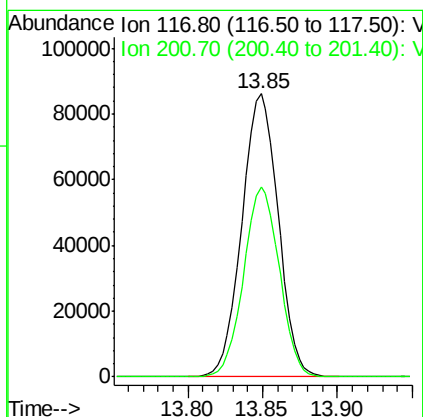
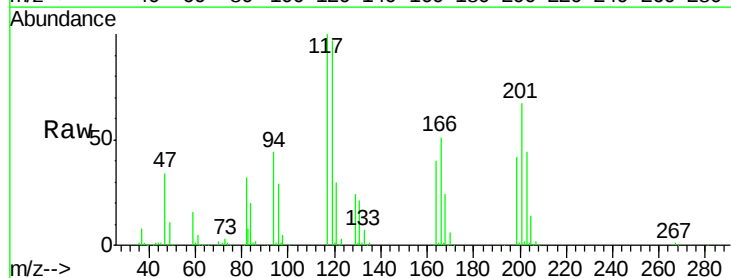
Manual Integrations
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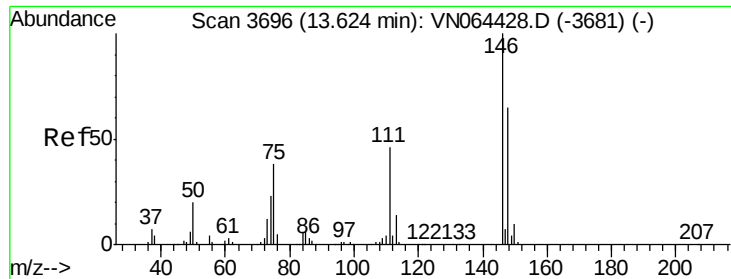
MMDadoda
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#90
Hexachloroethane
Concen: 53.941 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	32.5	97.5





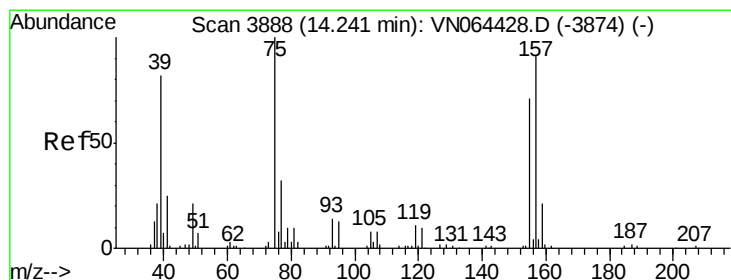
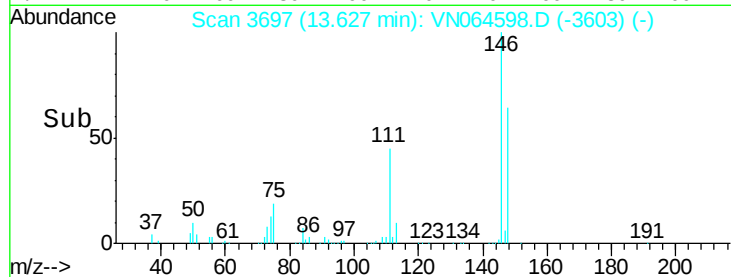
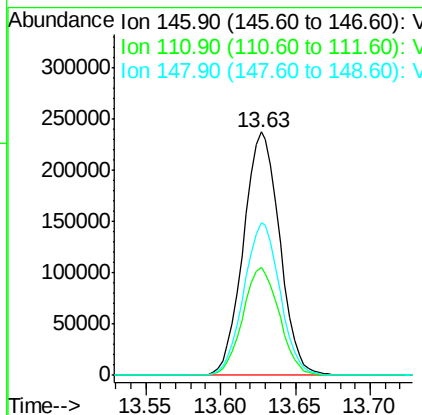
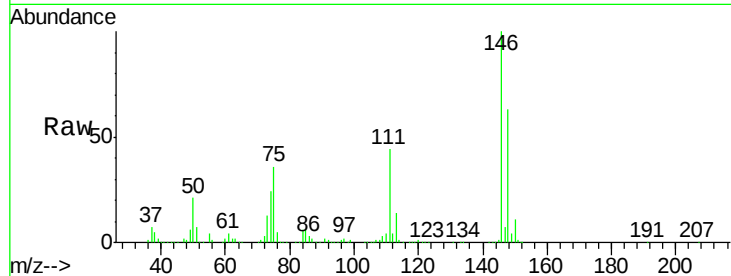
#91
 1,2-Dichlorobenzene
 Concen: 51.591 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.9	68.7
148	62.7	32.0	96.2

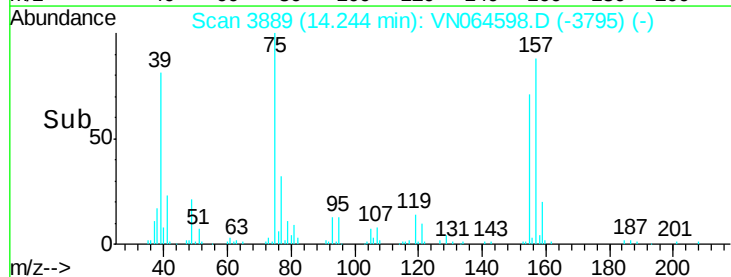
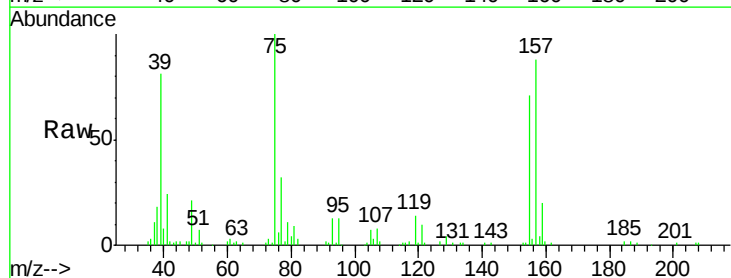
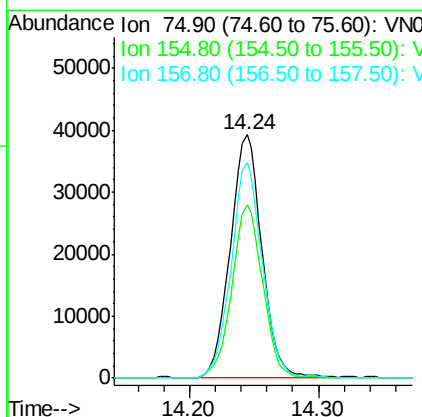
Manual Integrations
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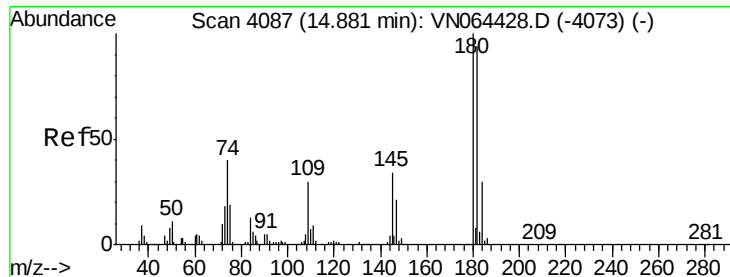
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.274 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.9	34.6	103.9
157	86.7	43.0	128.8





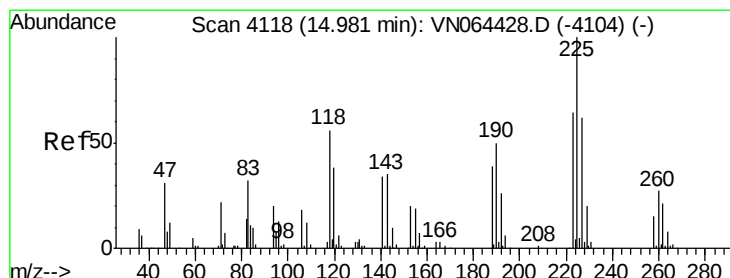
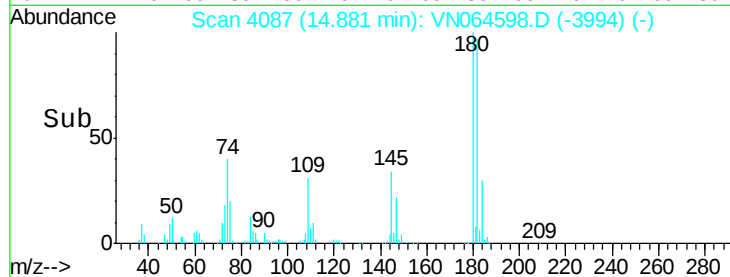
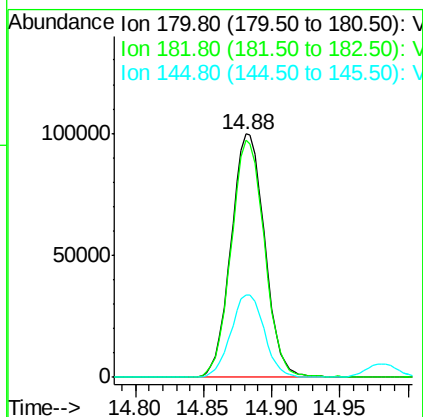
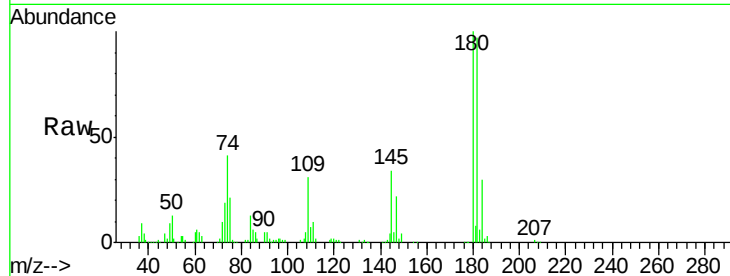
#93
 1,2,4-Trichlorobenzene
 Concen: 44.540 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170672		
182	96.5	47.3	142.0	
145	34.0	16.7	50.1	

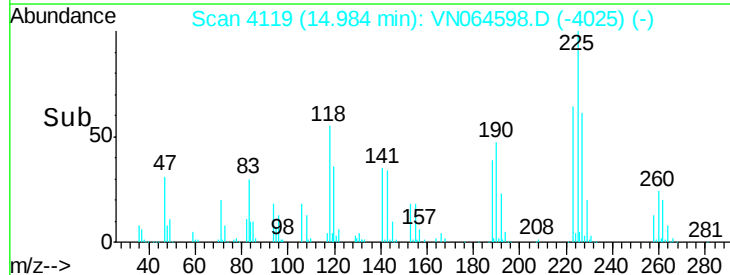
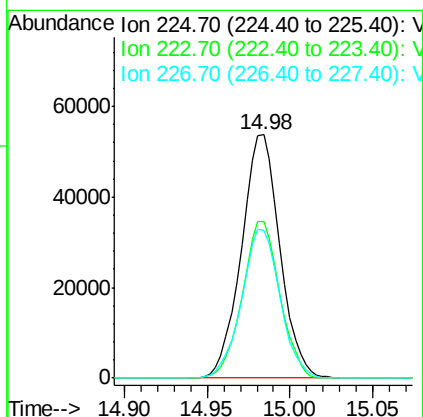
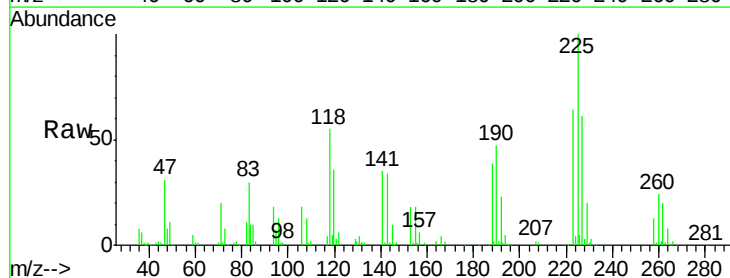
Manual Integrations
 APPROVED

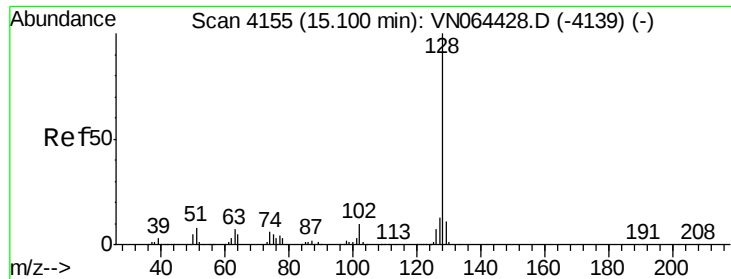
MMDadoda
 11/13/2020 11:43:06 AM



#94
 Hexachlorobutadiene
 Concen: 54.973 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86842		
223	62.6	31.8	95.4	
227	60.9	31.8	95.4	





#95

Naphthalene

Concen: 43.633 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

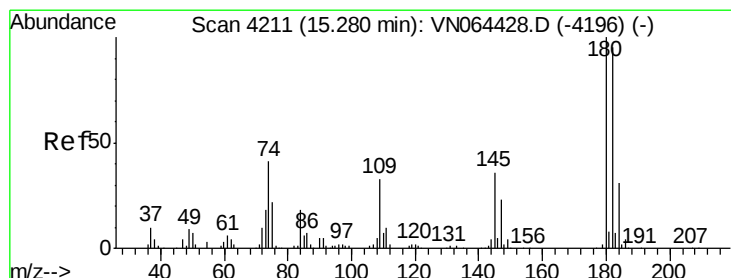
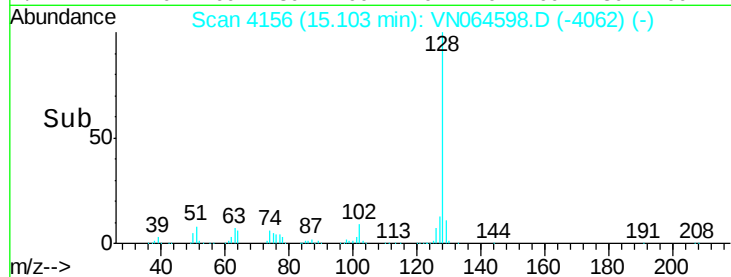
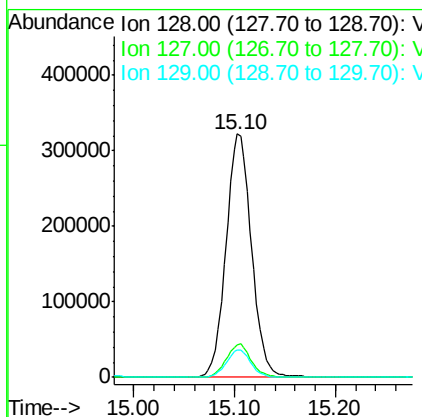
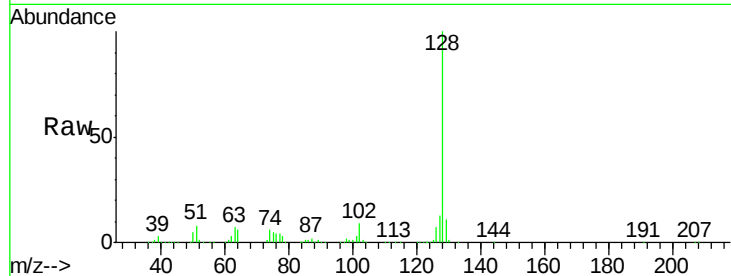
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	568897
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/13/2020 11:43:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.541 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion:	180	Resp:	176929
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.7	143.1
145	34.5	18.3	54.8

