

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061621\
 Data File : VW021549.D
 Acq On : 16 Jun 2021 14:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 17 02:05:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 17 02:01:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	459005	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	429350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	246175	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	134866	44.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.260%
7) Chloroethane-d5	1.568	69	110793	49.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	2.108	63	242295	46.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.840%
21) 2-Butanone-d5	3.889	46	243657	112.438	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.349	84	300236	49.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
26) 1,2-Dichloroethane-d4	5.034	65	176600	50.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
32) Benzene-d6	5.050	84	580362	48.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	6.069	67	184148	49.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.300%
41) Toluene-d8	7.317	98	543287	47.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	7.622	79	95940	48.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.088	63	186065	109.243	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	269289	52.301	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	243894	47.660	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	139943	43.987	ug/L	99
3) Chloromethane	1.240	50	148594	46.885	ug/L	99
5) Vinyl chloride	1.310	62	153650	47.237	ug/L	99
6) Bromomethane	1.519	94	111171	49.905	ug/L	98
8) Chloroethane	1.584	64	94456	51.073	ug/L	98
9) Trichlorofluoromethane	1.751	101	231934	48.071	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	139676	49.802	ug/L	99
12) 1,1-Dichloroethene	2.117	96	136213	50.564	ug/L	87
13) Acetone	2.182	43	156724	84.054	ug/L #	85
14) Carbon disulfide	2.291	76	385980	45.447	ug/L	100
15) Methyl Acetate	2.433	43	180718	56.567	ug/L	100
16) Methylene chloride	2.507	84	175090	51.883	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	156741	50.999	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	543465	55.778	ug/L	99
19) 1,1-Dichloroethane	3.188	63	288176	52.911	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	182594	53.103	ug/L	99
22) 2-Butanone	3.973	43	255909	108.346	ug/L	98
23) Bromochloromethane	4.249	128	105023	55.148	ug/L	97
25) Chloroform	4.375	83	304097	53.954	ug/L	99

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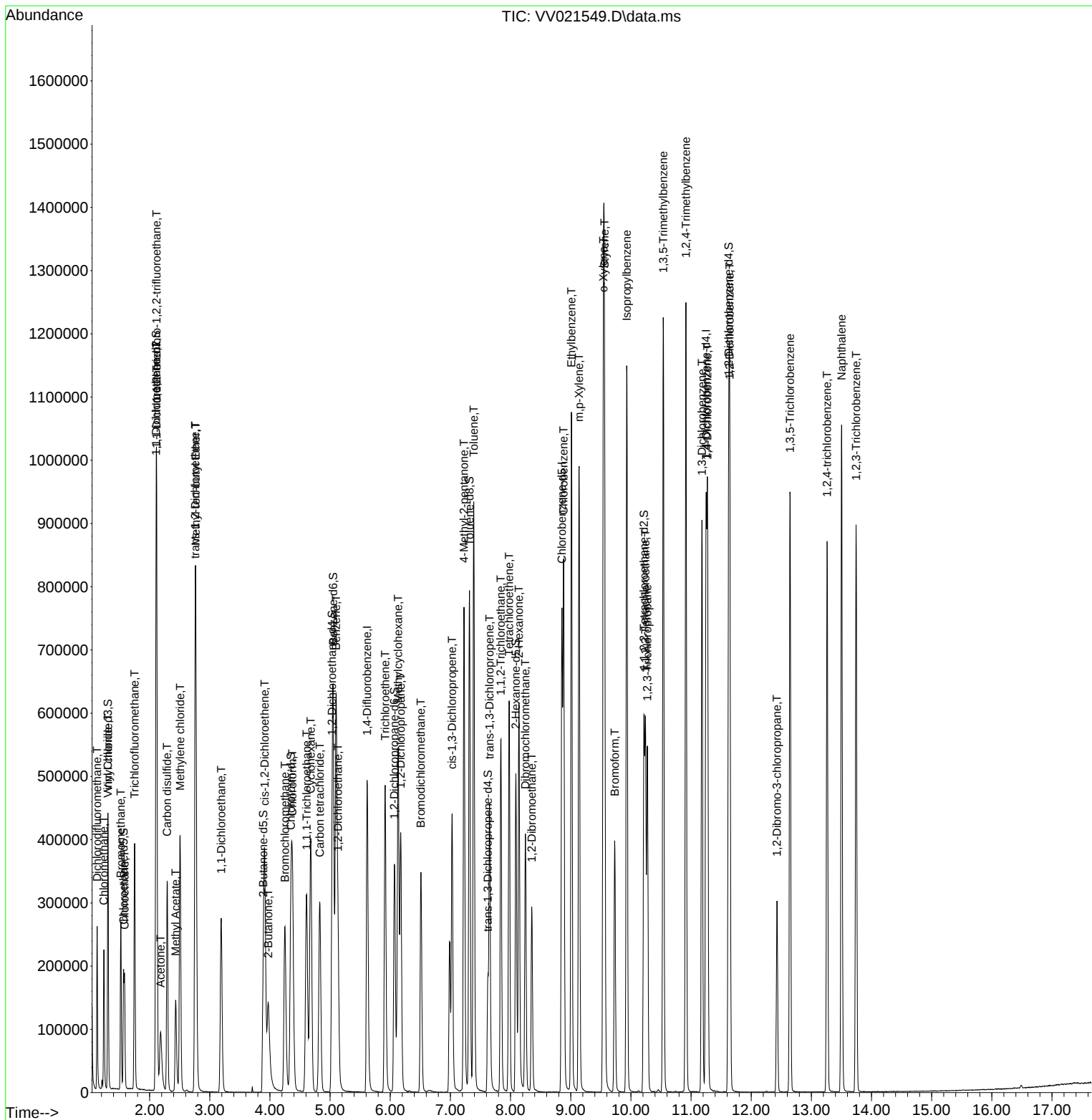
Instrument :
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 ClientSampleId :

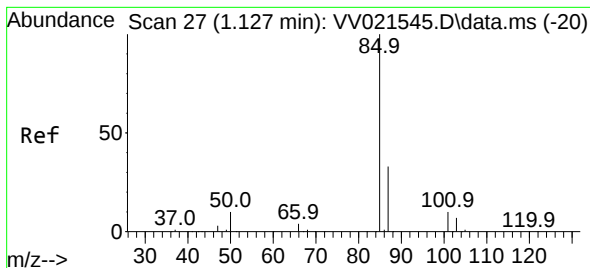
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	216756	55.668	ug/L	98
29) Cyclohexane	4.677	56	233586	46.699	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	266657	50.312	ug/L	100
31) Carbon tetrachloride	4.828	117	239017	49.676	ug/L	100
33) Benzene	5.098	78	639683	52.054	ug/L	100
34) Trichloroethene	5.915	95	170645	51.086	ug/L	99
35) Methylcyclohexane	6.130	83	250899	46.790	ug/L	99
37) 1,2-Dichloropropane	6.175	63	168162	53.669	ug/L	99
38) Bromodichloromethane	6.510	83	237380	53.990	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	279245	53.008	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	490376	115.425	ug/L	98
42) Toluene	7.387	91	697572	51.169	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	265886	53.352	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	179934	56.581	ug/L	98
46) Tetrachloroethene	7.976	164	151167	49.222	ug/L	98
48) 2-Hexanone	8.140	43	371705	114.078	ug/L	99
49) Dibromochloromethane	8.246	129	218473	54.863	ug/L	96
50) 1,2-Dibromoethane	8.352	107	196415	56.117	ug/L	99
51) Chlorobenzene	8.882	112	475420	52.748	ug/L	99
52) Ethylbenzene	9.011	91	766323	51.179	ug/L	100
53) m,p-Xylene	9.140	106	295458	51.355	ug/L	99
54) o-Xylene	9.545	106	296778	52.245	ug/L	98
55) Styrene	9.561	104	512135	52.384	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	283218	57.054	ug/L	100
59) Bromoform	9.731	173	187044	56.312	ug/L	99
60) Isopropylbenzene	9.931	105	774654	50.782	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	220973	57.128	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	661794	50.394	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	677214	51.048	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	394663	51.221	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	396533	50.973	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	402357	52.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	67887	56.337	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	324054	49.854	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	291303	50.165	ug/L	99
71) Naphthalene	13.503	128	850866	53.121	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	296357	52.431	ug/L	99

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

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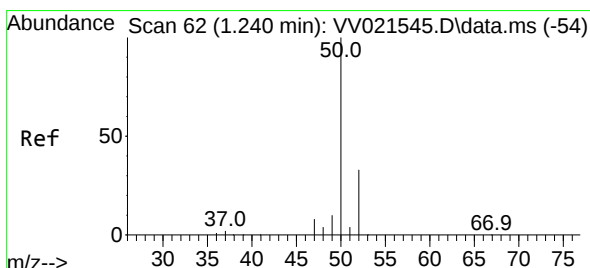
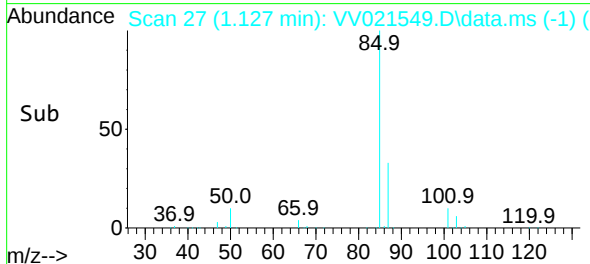
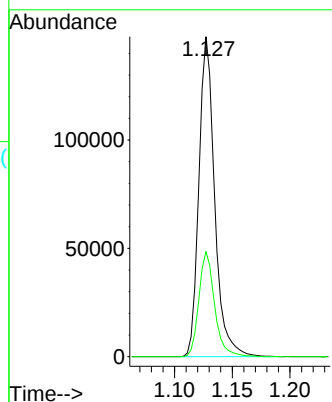
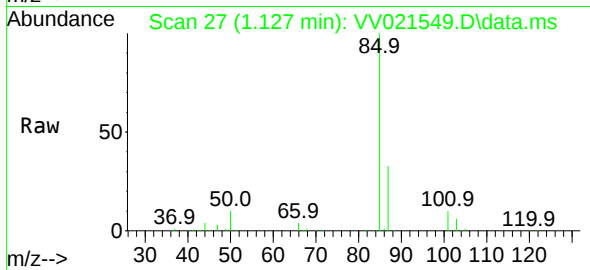




#2
 Dichlorodifluoromethane
 Concen: 43.987 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

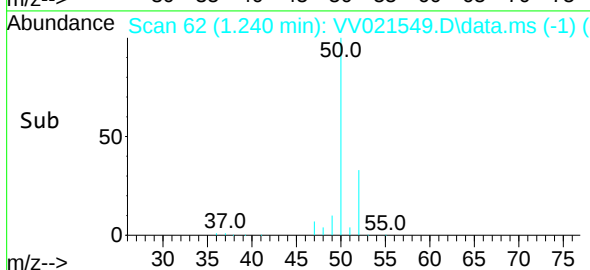
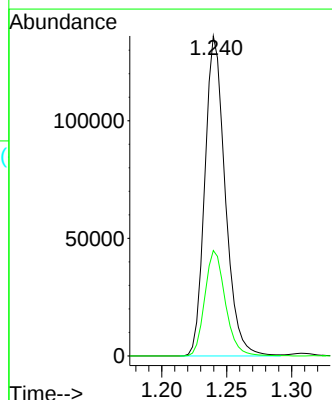
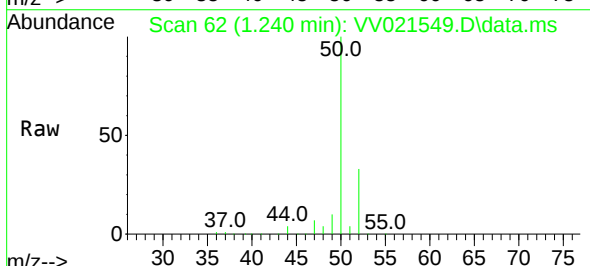
Instrument :
 MSVOA_V
 ClientSampled :

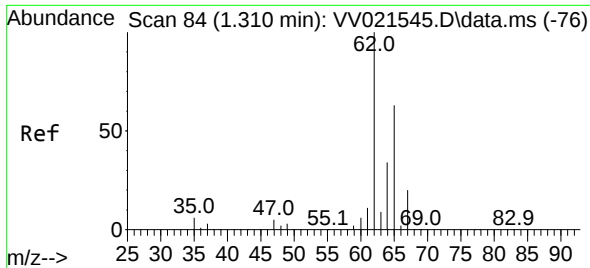
Tgt Ion: 85 Resp: 139943
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.6 39.8



#3
 Chloromethane
 Concen: 46.885 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

Tgt Ion: 50 Resp: 148594
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.3 43.3

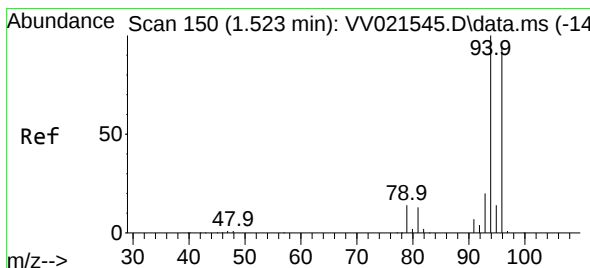
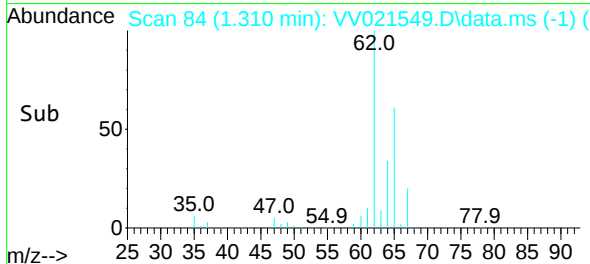
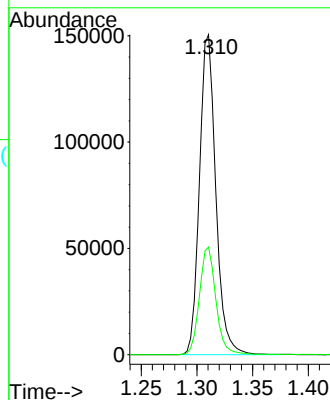
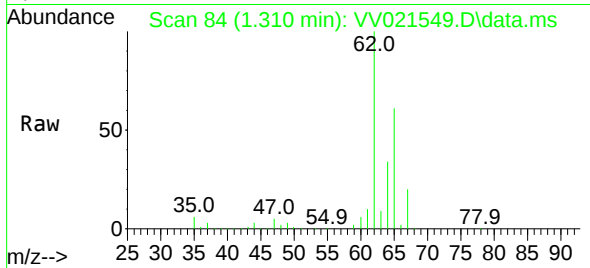




#5
 Vinyl chloride
 Concen: 47.237 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

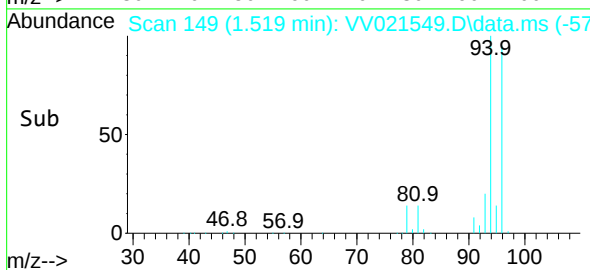
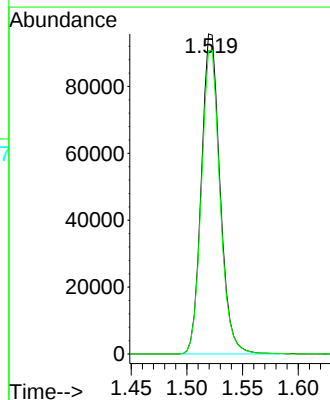
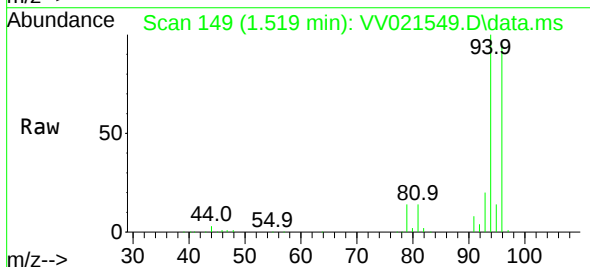
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 ClientSampled :

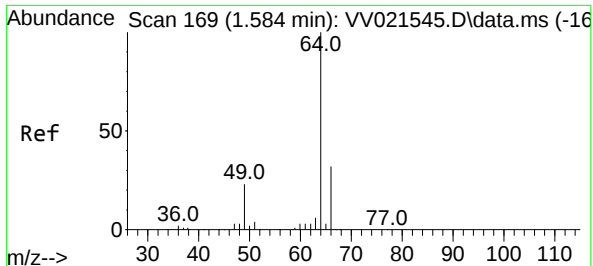
Tgt Ion: 62 Resp: 153650
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 49.905 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

Tgt Ion: 94 Resp: 111171
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.2 121.0

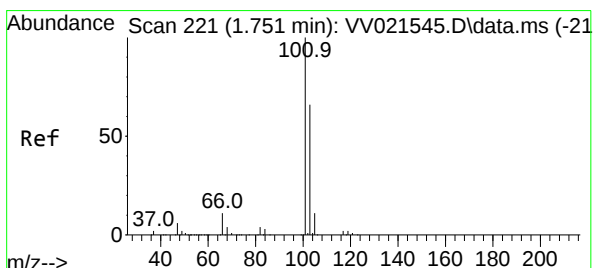
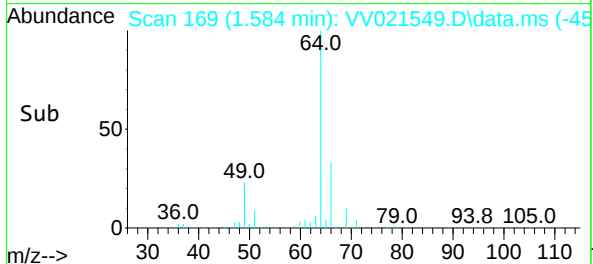
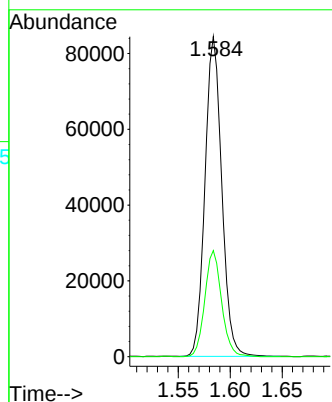
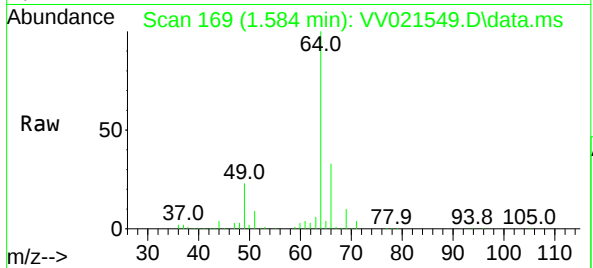




#8
Chloroethane
Concen: 51.073 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

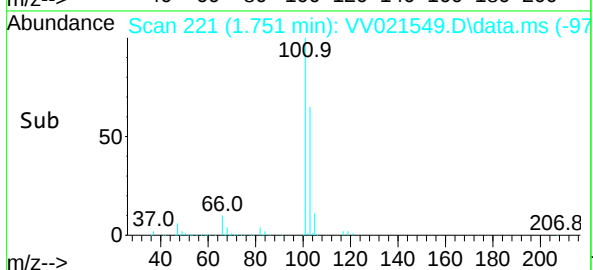
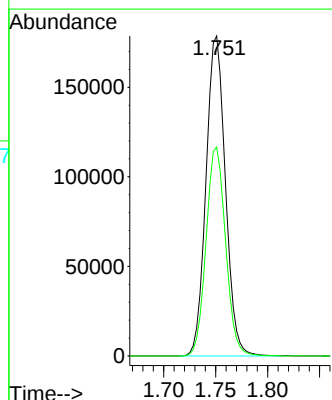
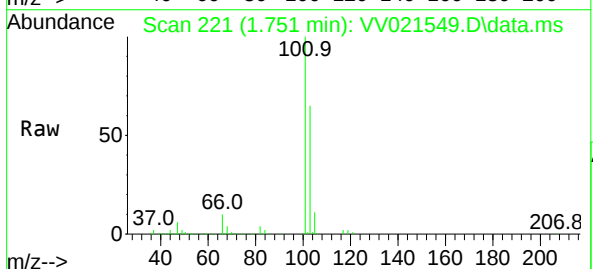
Instrument :
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ClientSampleId :

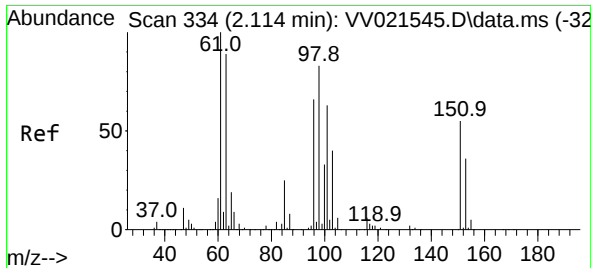
Tgt Ion: 64 Resp: 94456
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 48.071 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:101 Resp: 231934
Ion Ratio Lower Upper
101 100
103 65.8 52.1 78.1

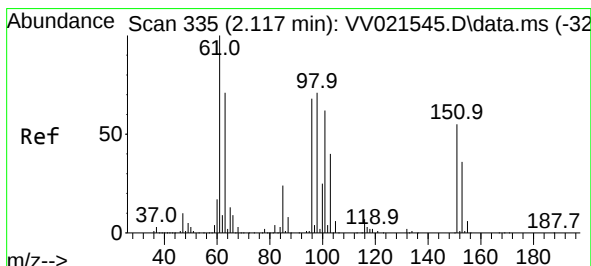
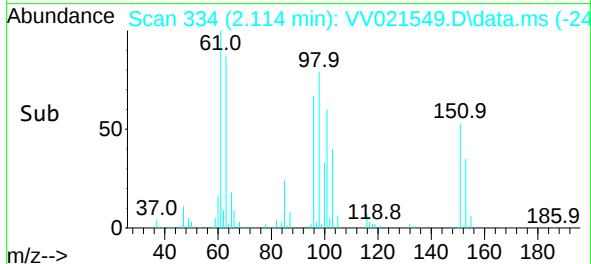
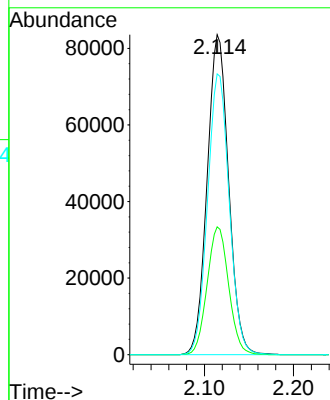
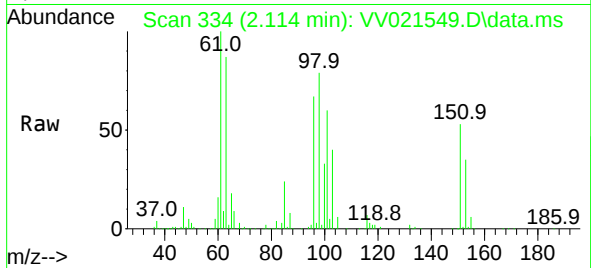




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.802 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

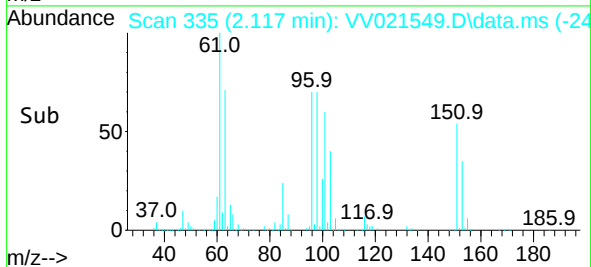
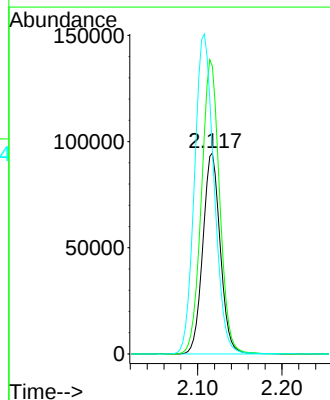
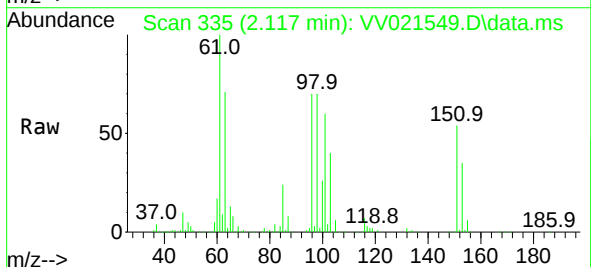
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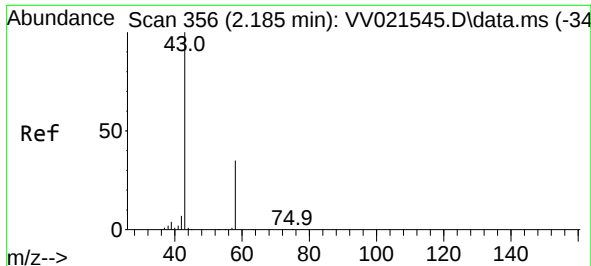
Tgt Ion:101 Resp: 139676
 Ion Ratio Lower Upper
 101 100
 85 40.1 32.6 49.0
 151 88.6 70.0 105.0



#12
 1,1-Dichloroethene
 Concen: 50.564 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

Tgt Ion: 96 Resp: 136213
 Ion Ratio Lower Upper
 96 100
 61 143.3 107.7 200.1
 63 101.5 86.6 160.8

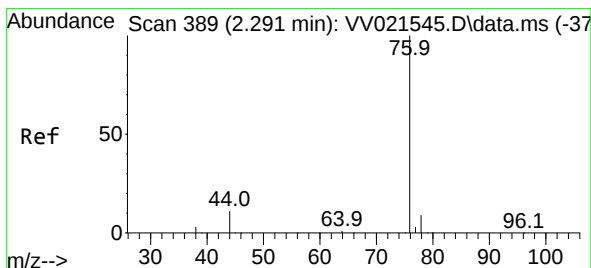
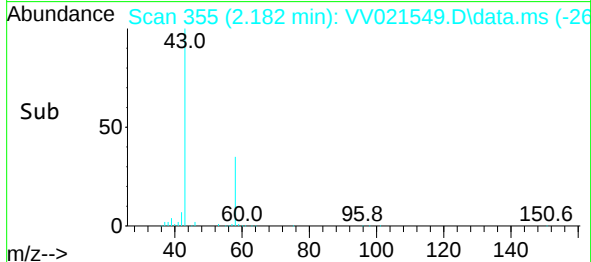
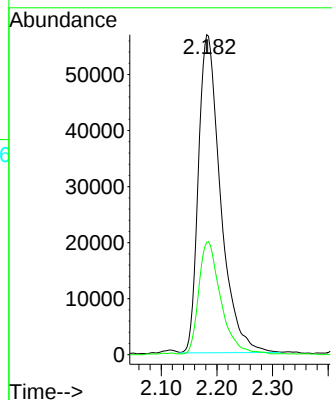
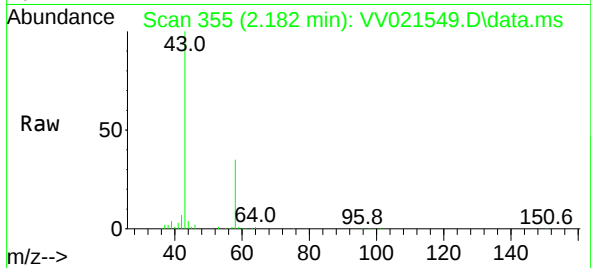




#13
Acetone
Concen: 84.054 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

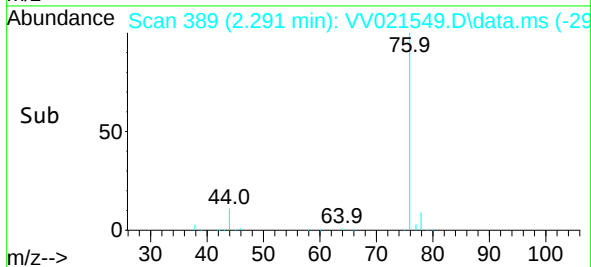
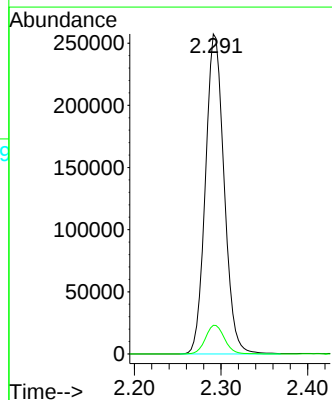
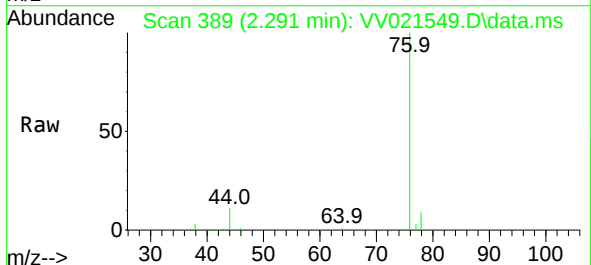
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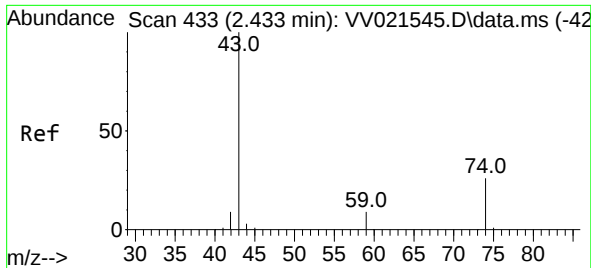
Tgt Ion: 43 Resp: 156724
Ion Ratio Lower Upper
43 100
58 34.5 0.0 0.2#



#14
Carbon disulfide
Concen: 45.447 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 76 Resp: 385980
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

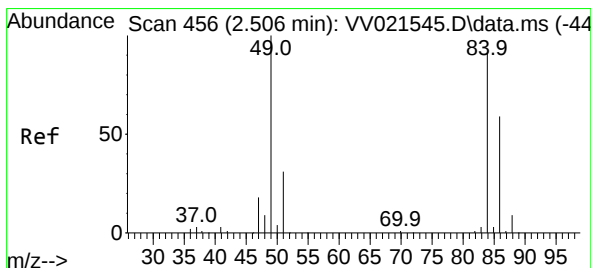
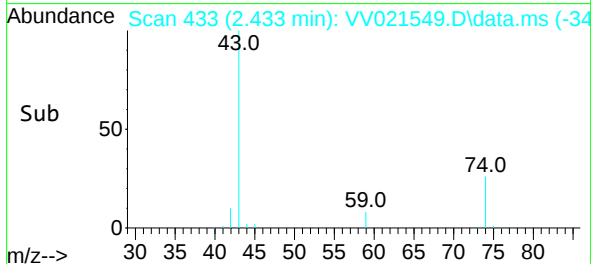
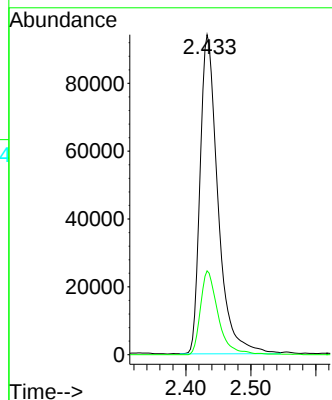
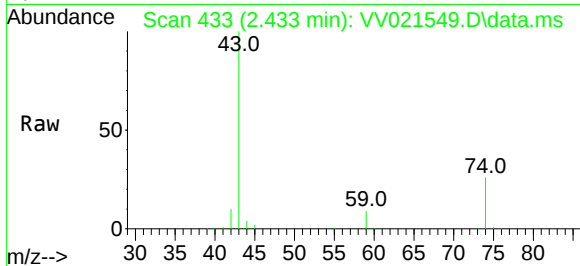




#15
Methyl Acetate
Concen: 56.567 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

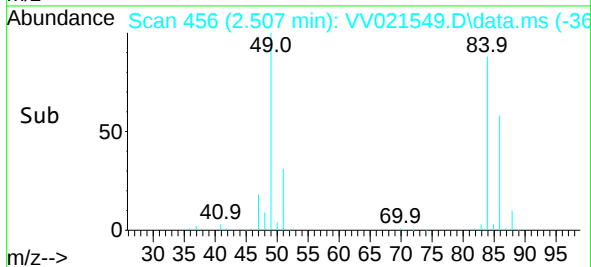
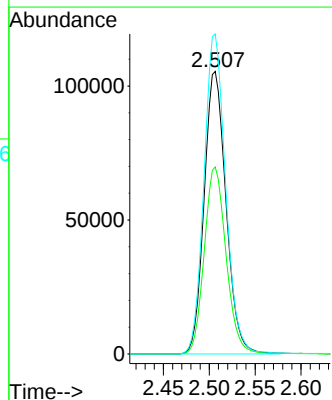
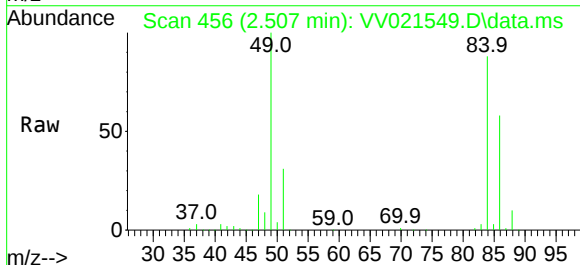
Instrument :
MSVOA_V
ClientSampled :

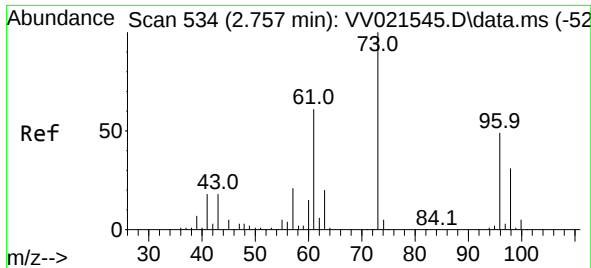
Tgt Ion: 43 Resp: 180718
Ion Ratio Lower Upper
43 100
74 25.7 20.4 30.6



#16
Methylene chloride
Concen: 51.883 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 84 Resp: 175090
Ion Ratio Lower Upper
84 100
86 66.2 44.1 81.9
49 113.3 80.8 150.0

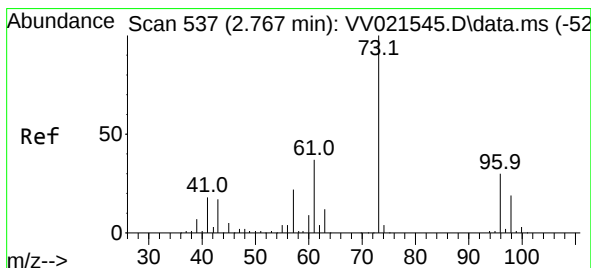
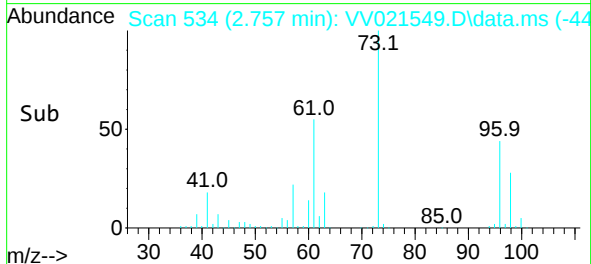
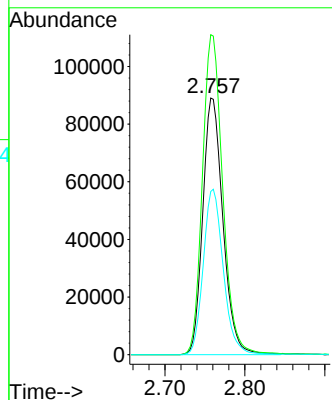
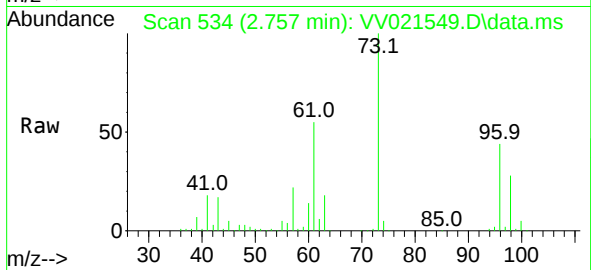




#17
trans-1,2-Dichloroethene
Concen: 50.999 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

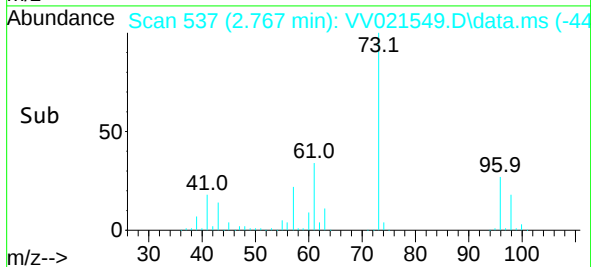
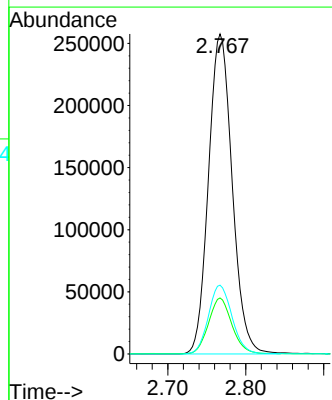
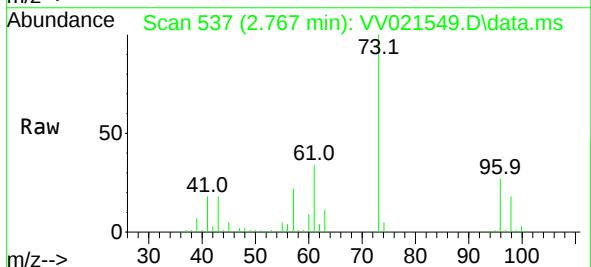
Instrument :
MSVOA_V
ClientSampleId :

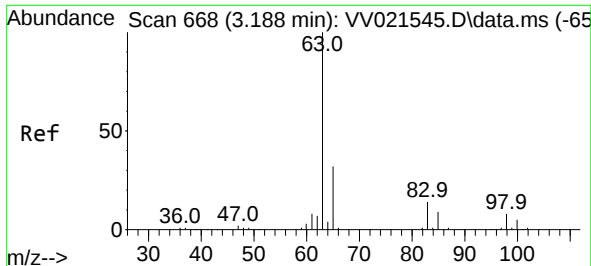
Tgt Ion: 96 Resp: 156741
Ion Ratio Lower Upper
96 100
61 124.7 88.8 165.0
98 63.6 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 55.778 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 73 Resp: 543465
Ion Ratio Lower Upper
73 100
43 17.0 13.9 20.9
57 21.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 52.911 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

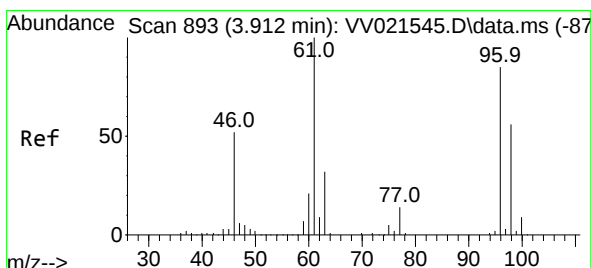
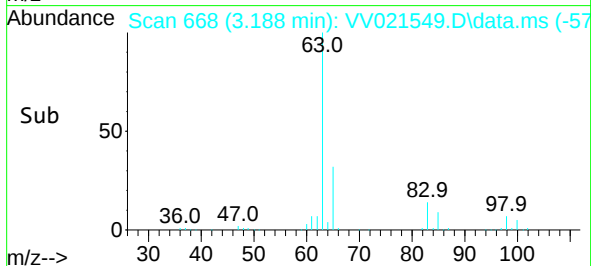
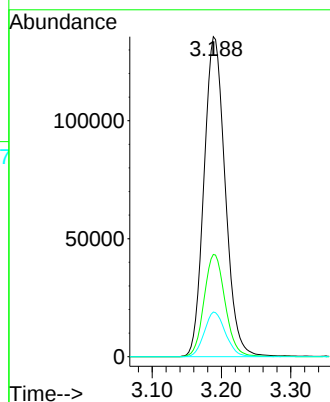
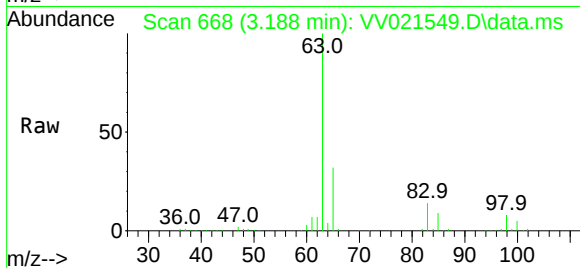
Tgt Ion: 63 Resp: 288176

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 13.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 53.103 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

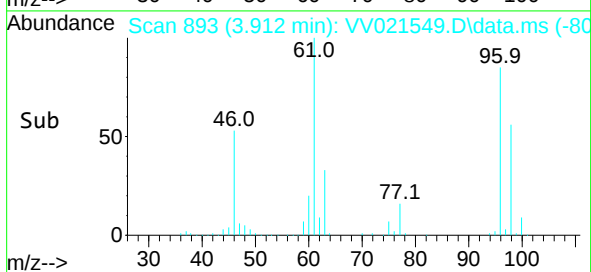
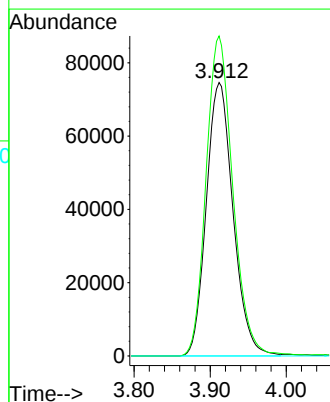
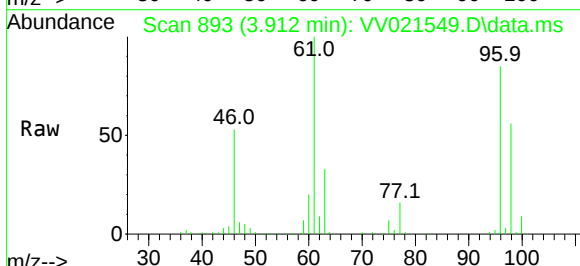
Tgt Ion: 96 Resp: 182594

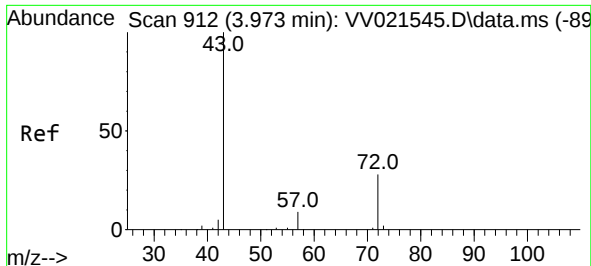
Ion Ratio Lower Upper

96 100

61 117.1 82.4 153.0

68 0.0 0.0 0.0

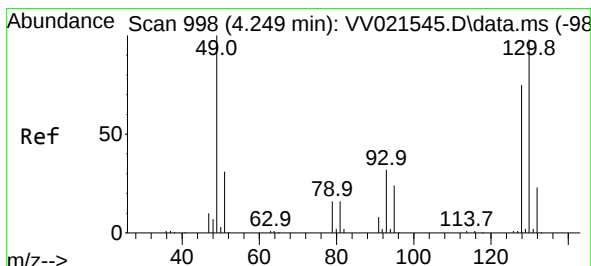
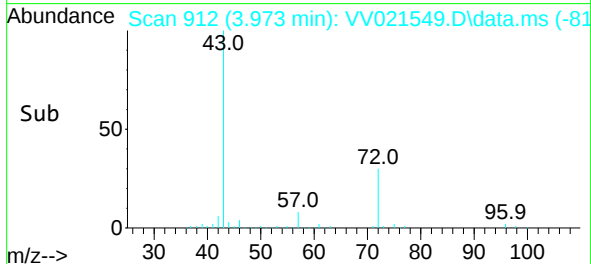
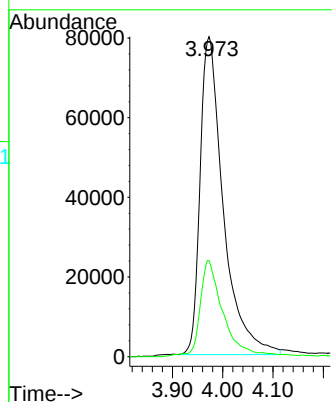
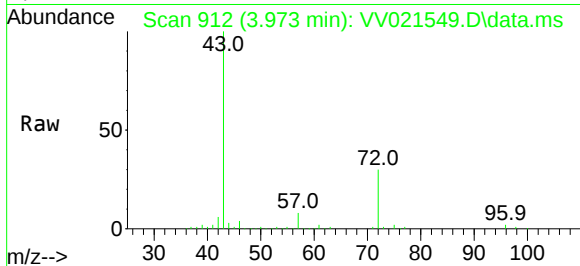




#22
2-Butanone
Concen: 108.346 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

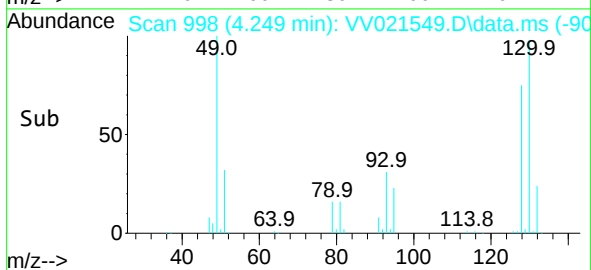
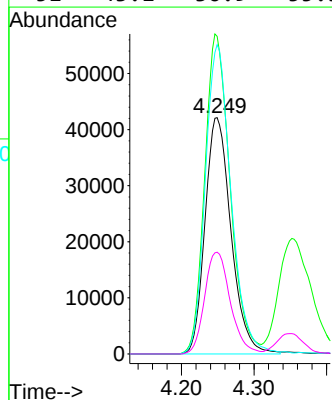
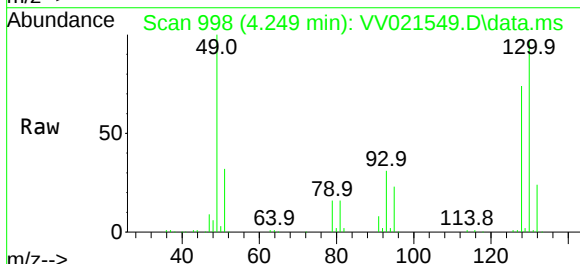
Instrument :
MSVOA_V
ClientSampled :

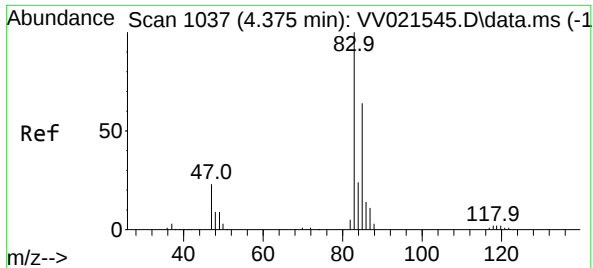
Tgt Ion: 43 Resp: 255909
Ion Ratio Lower Upper
43 100
72 27.0 13.1 39.1



#23
Bromochloromethane
Concen: 55.148 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 128 Resp: 105023
Ion Ratio Lower Upper
128 100
49 134.4 96.8 179.8
130 130.9 90.2 167.6
51 43.1 36.9 55.3





#25

Chloroform

Concen: 53.954 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

Tgt Ion: 83 Resp: 304097

Ion Ratio Lower Upper

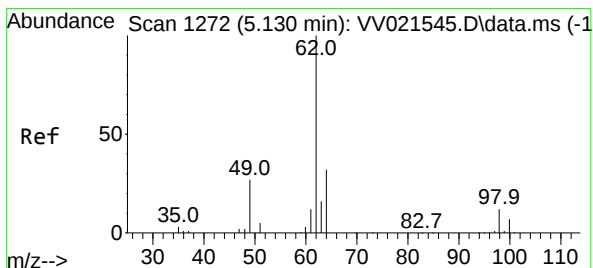
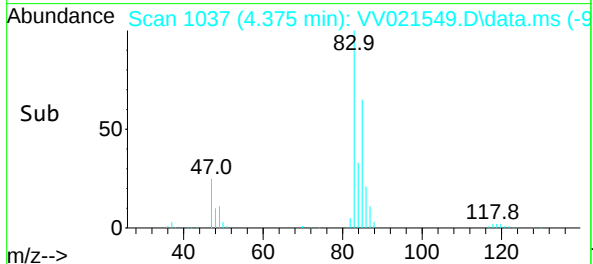
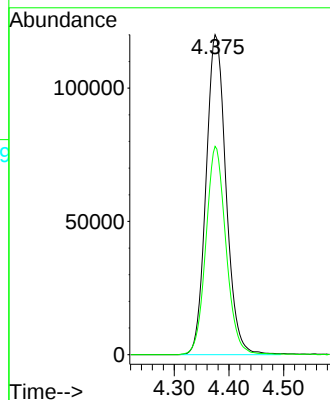
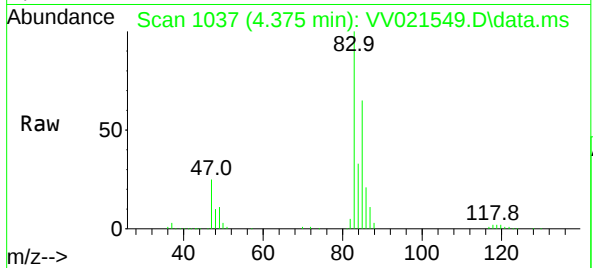
83 100

85 65.1 45.1 83.7

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 55.668 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021549.D

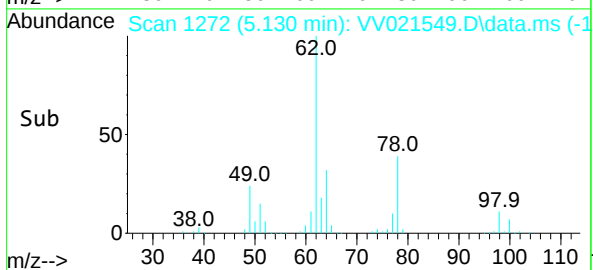
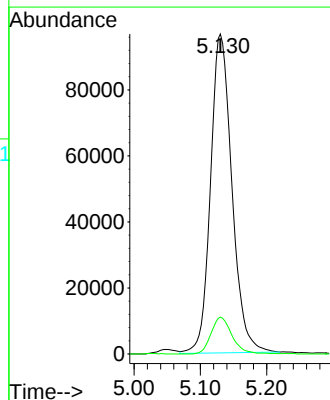
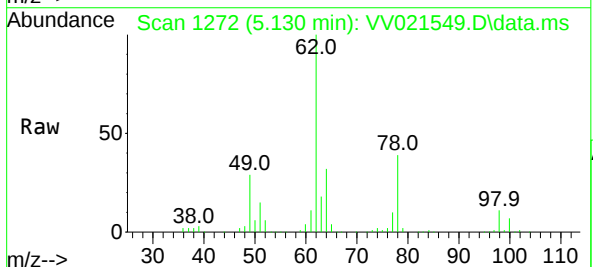
Acq: 16 Jun 2021 14:45

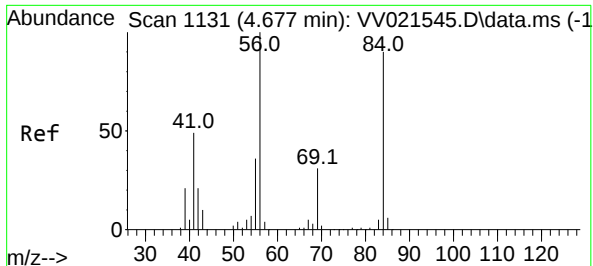
Tgt Ion: 62 Resp: 216756

Ion Ratio Lower Upper

62 100

98 11.5 8.6 12.8





#29

Cyclohexane

Concen: 46.699 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

Tgt Ion: 56 Resp: 233586

Ion Ratio Lower Upper

56 100

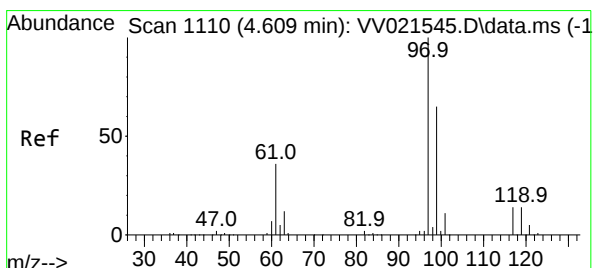
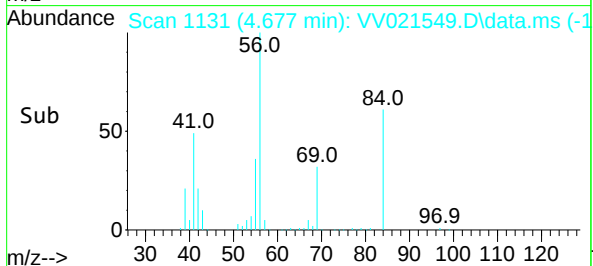
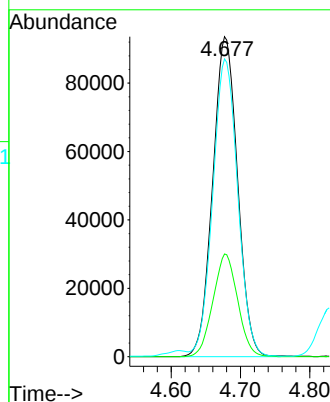
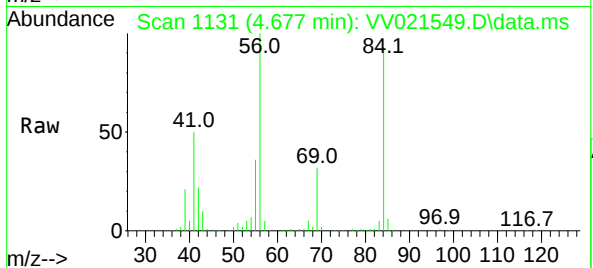
69 31.8 24.9 37.3

84 93.1 73.7 110.5

Instrument :

MSVOA_V

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 50.312 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

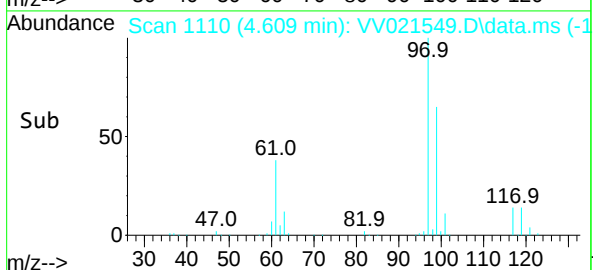
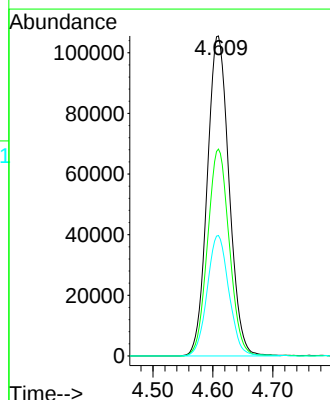
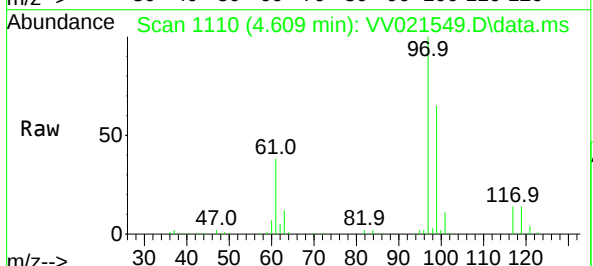
Tgt Ion: 97 Resp: 266657

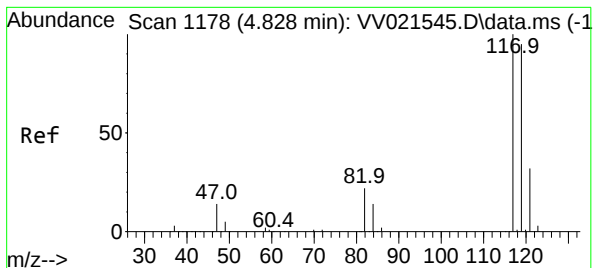
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 37.6 30.2 45.4





#31

Carbon tetrachloride

Concen: 49.676 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VV021549.D

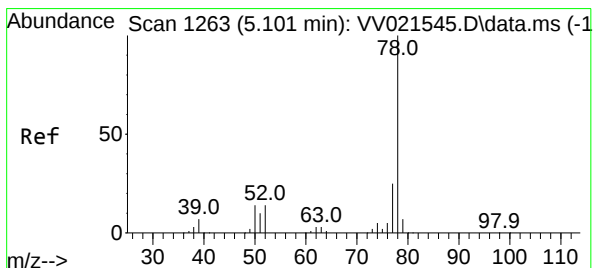
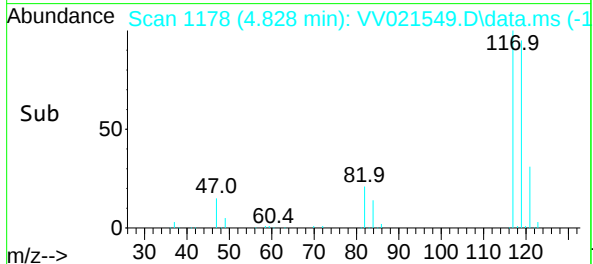
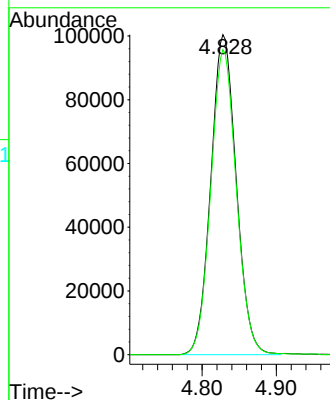
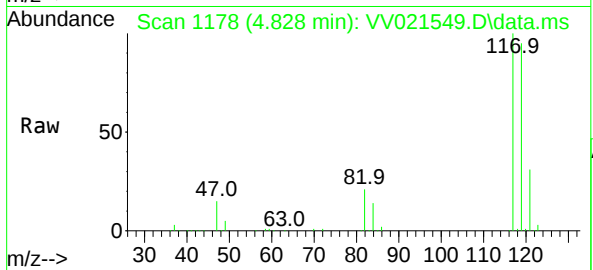
Acq: 16 Jun 2021 14:45

Tgt Ion:117 Resp: 239017

Ion Ratio Lower Upper

117 100

119 95.7 76.8 115.2



#33

Benzene

Concen: 52.054 ug/L

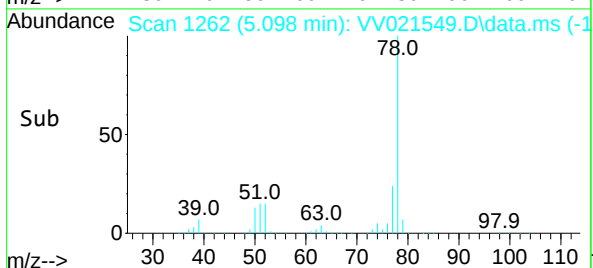
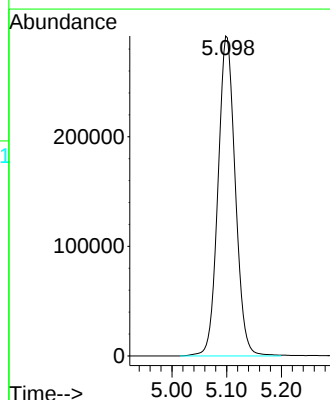
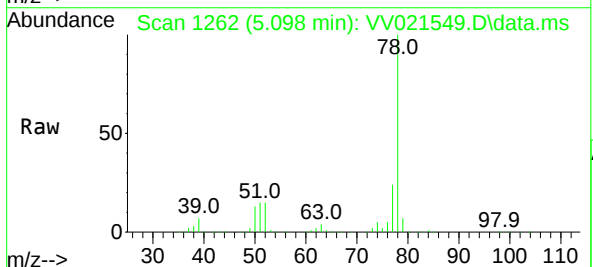
RT: 5.098 min Scan# 1262

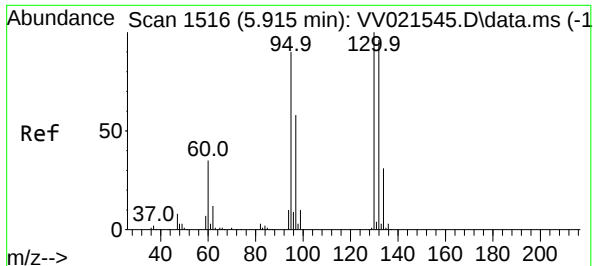
Delta R.T. -0.003 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

Tgt Ion: 78 Resp: 639683

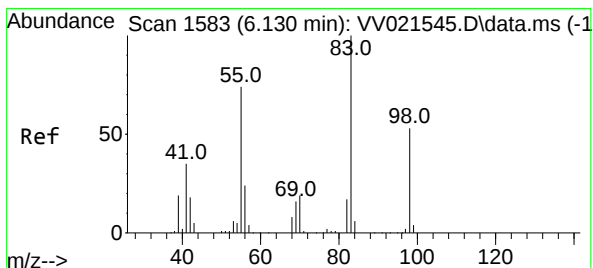
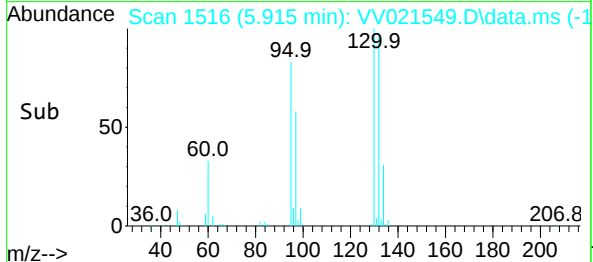
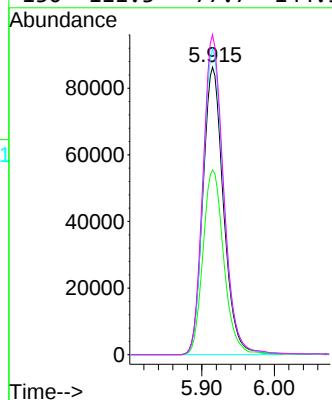
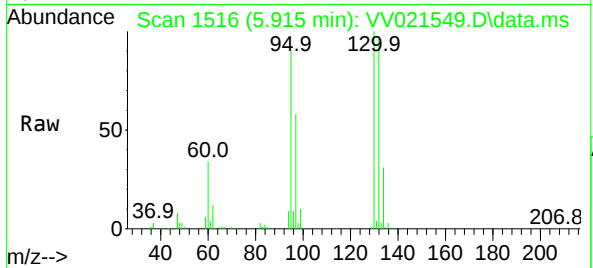




#34
Trichloroethene
Concen: 51.086 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

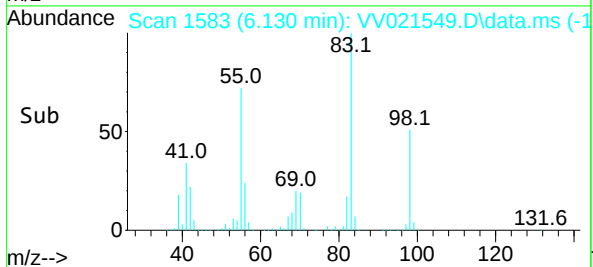
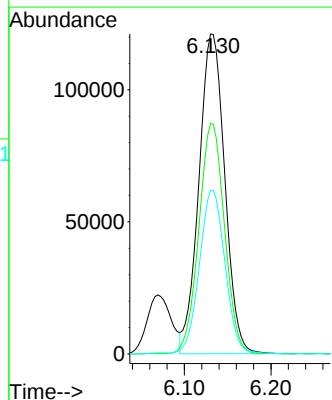
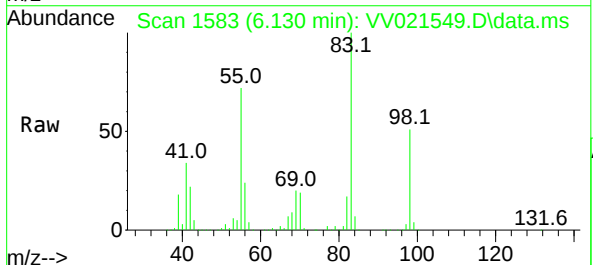
Instrument :
MSVOA_V
ClientSampleId :

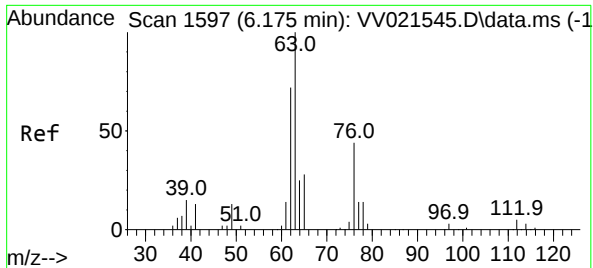
Tgt Ion: 95 Resp: 170645
Ion Ratio Lower Upper
95 100
97 64.2 44.3 82.3
132 106.4 73.2 136.0
130 111.3 77.7 144.3



#35
Methylcyclohexane
Concen: 46.790 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 83 Resp: 250899
Ion Ratio Lower Upper
83 100
55 71.3 58.0 87.0
98 50.8 40.8 61.2

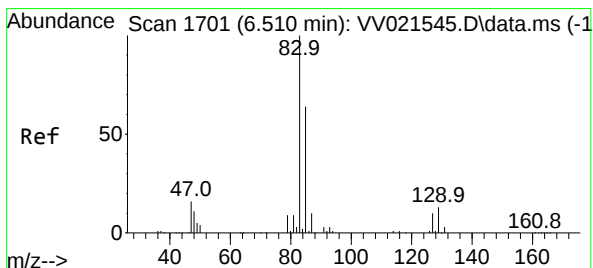
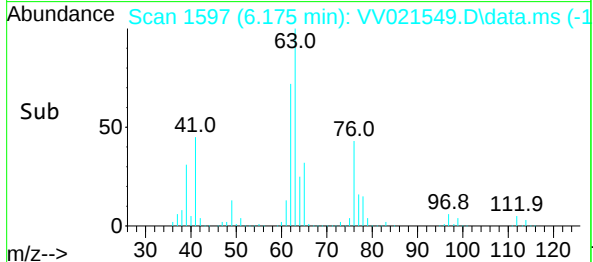
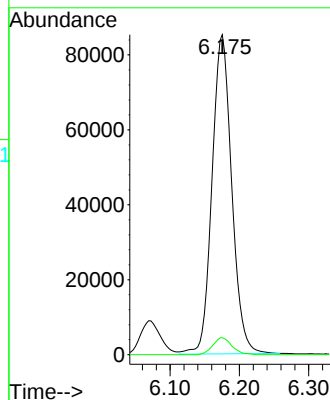
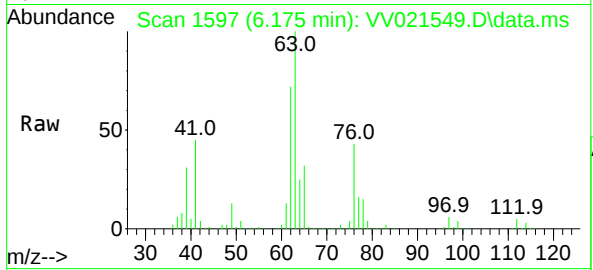




#37
1,2-Dichloropropane
Concen: 53.669 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

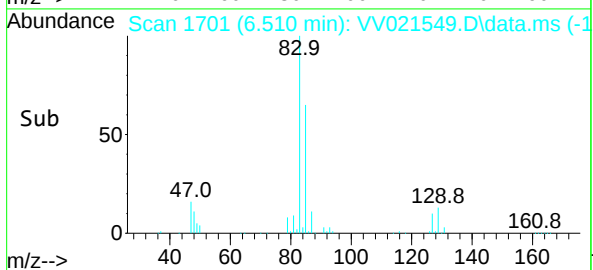
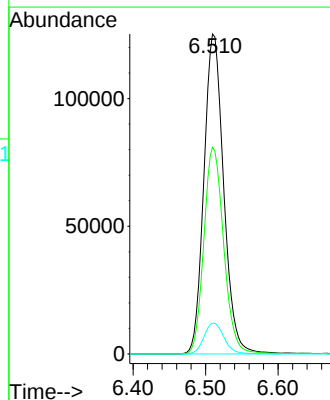
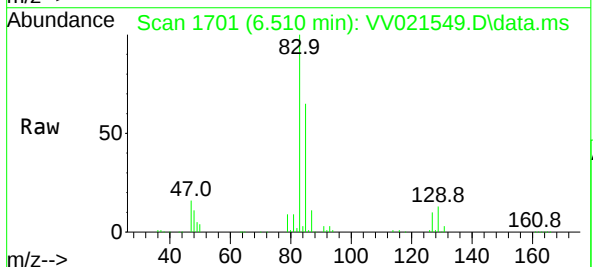
Instrument :
MSVOA_V
ClientSampleId :

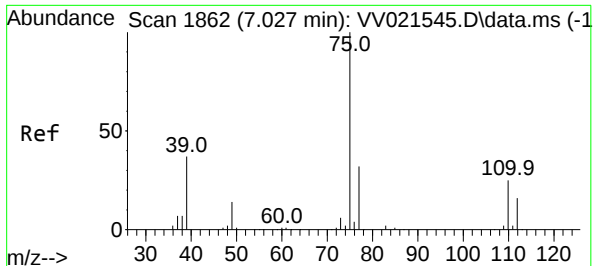
Tgt Ion: 63 Resp: 168162
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 53.990 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 83 Resp: 237380
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
127 9.6 7.6 11.4

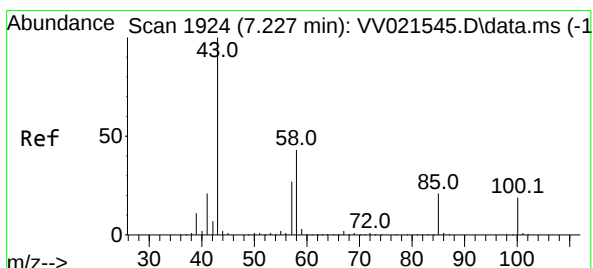
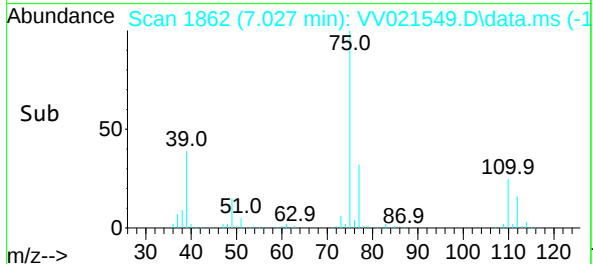
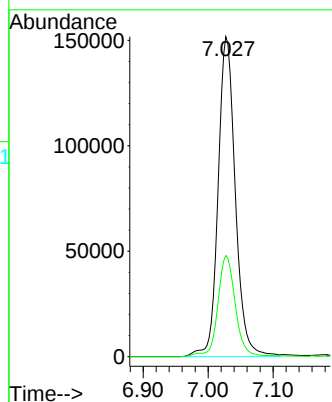
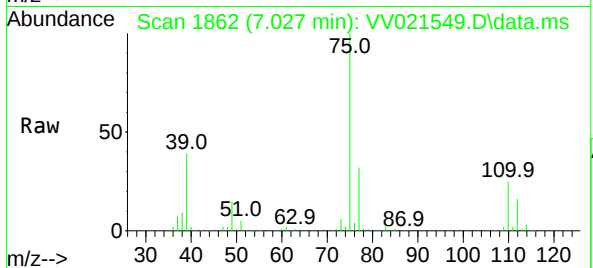




#39
 cis-1,3-Dichloropropene
 Concen: 53.008 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

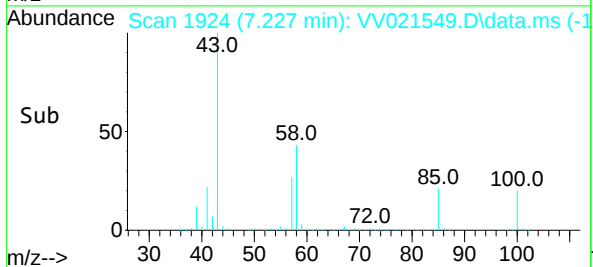
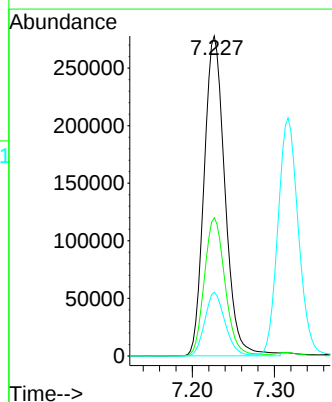
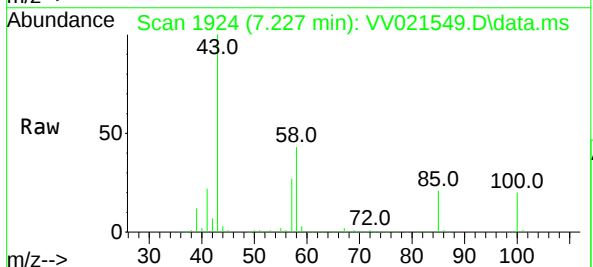
Instrument :
 MSVOA_V
 ClientSampled :

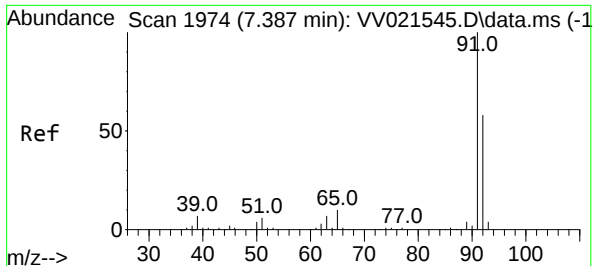
Tgt Ion: 75 Resp: 279245
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 115.425 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021549.D
 Acq: 16 Jun 2021 14:45

Tgt Ion: 43 Resp: 490376
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.5 50.3
 100 19.3 14.8 22.2

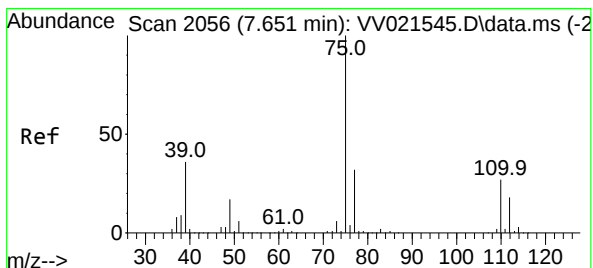
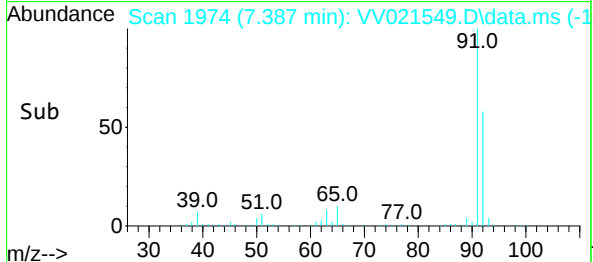
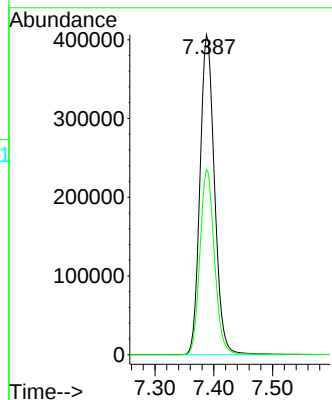
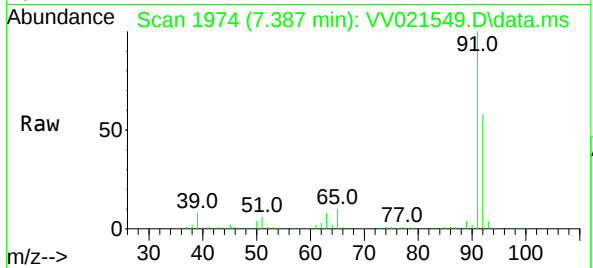




#42
Toluene
Concen: 51.169 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

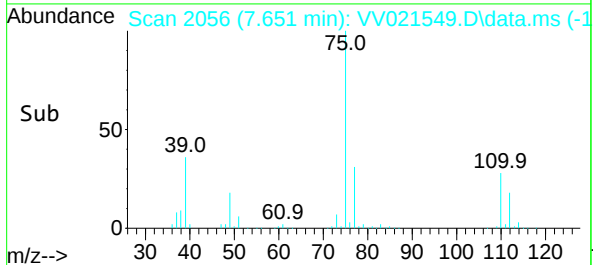
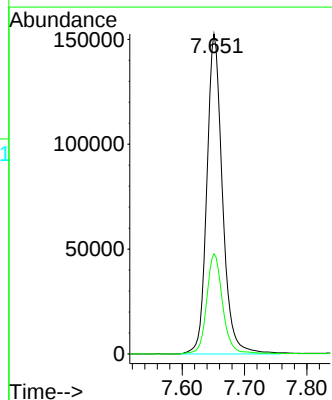
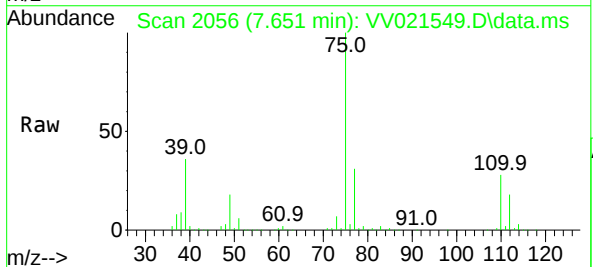
Instrument :
MSVOA_V
ClientSampled :

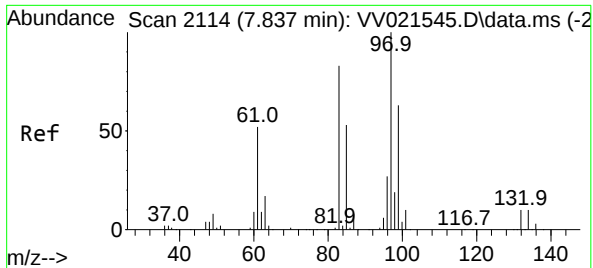
Tgt Ion: 91 Resp: 697572
Ion Ratio Lower Upper
91 100
92 57.8 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 53.352 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

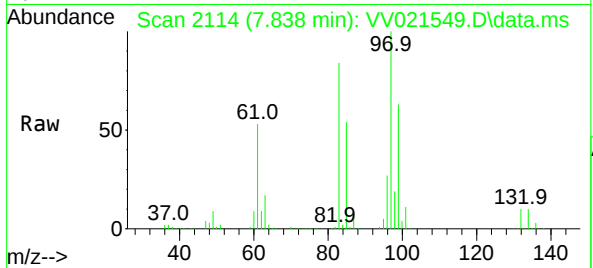
Tgt Ion: 75 Resp: 265886
Ion Ratio Lower Upper
75 100
77 31.3 22.9 42.5



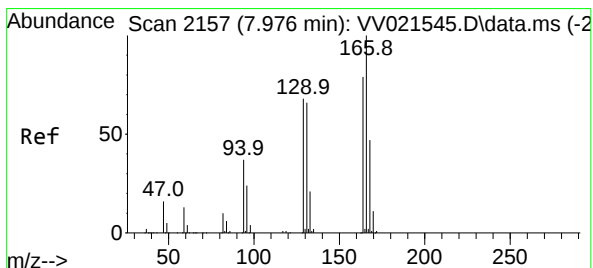
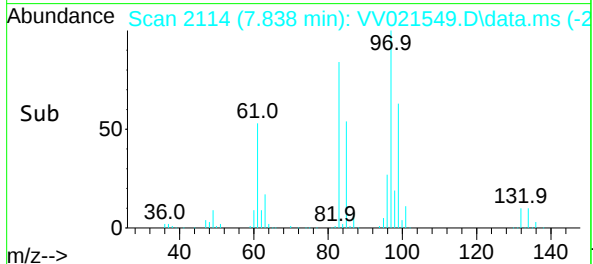
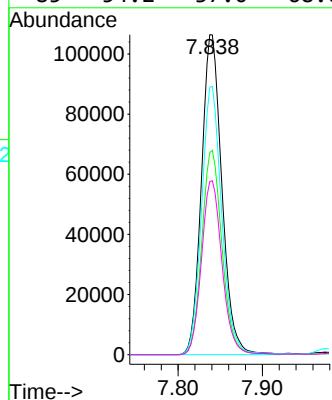


#45
1,1,2-Trichloroethane
Concen: 56.581 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Instrument :
MSVOA_V
ClientSampleId :

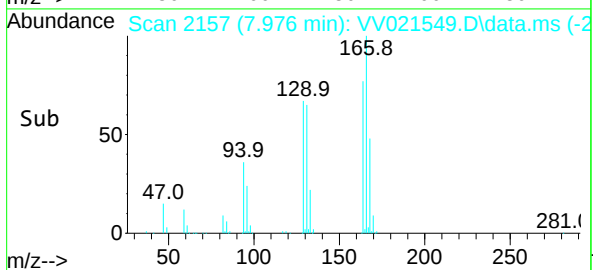
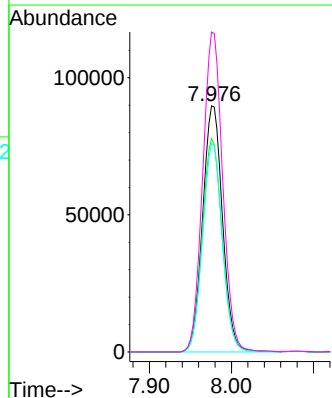
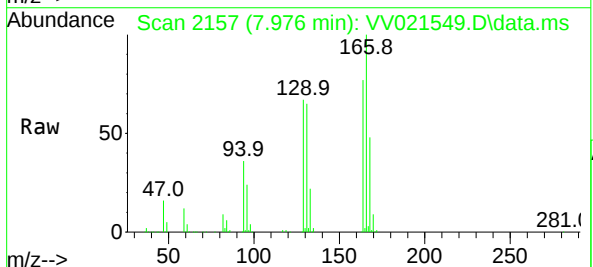


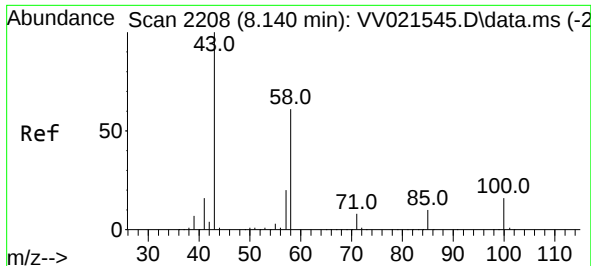
Tgt Ion:	97	Resp:	179934
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.7	81.1
83	83.5	57.1	106.1
85	54.2	37.0	68.6



#46
Tetrachloroethene
Concen: 49.222 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:	164	Resp:	151167
Ion	Ratio	Lower	Upper
164	100		
129	86.7	60.5	112.3
131	84.7	58.7	108.9
166	130.0	88.1	163.5

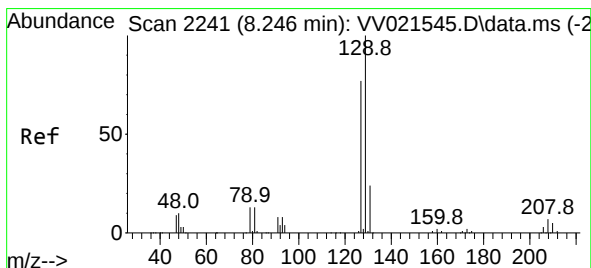
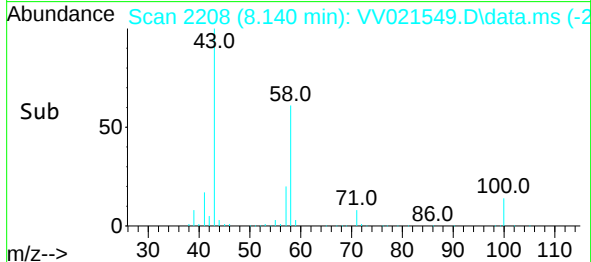
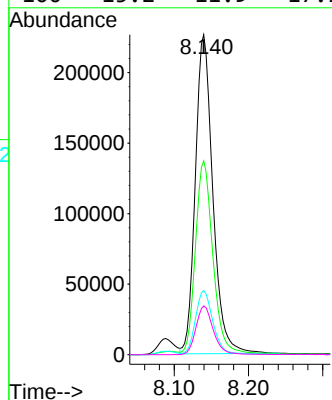
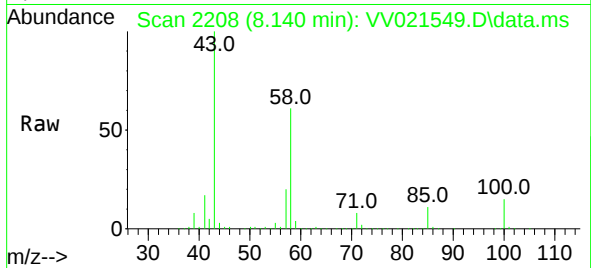




#48
2-Hexanone
Concen: 114.078 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

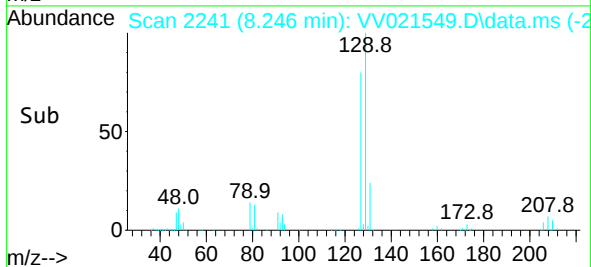
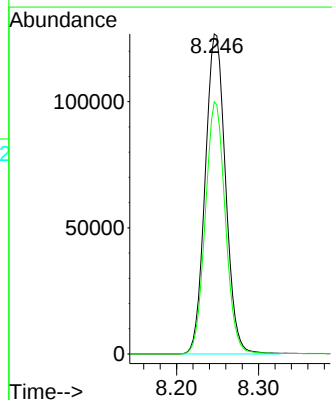
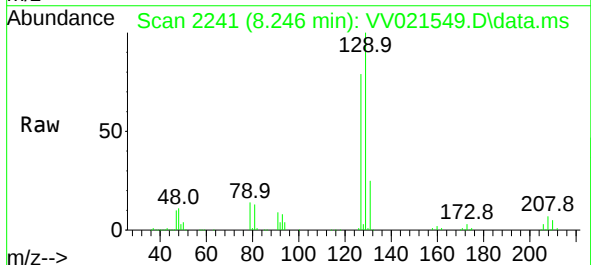
Instrument :
MSVOA_V
ClientSampled :

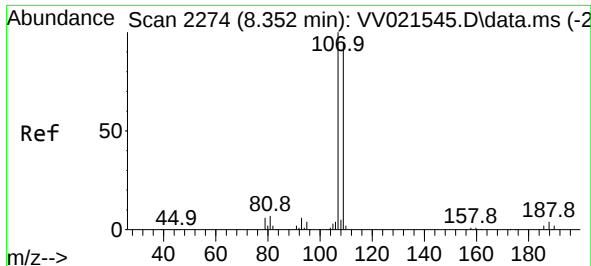
Tgt Ion:	43	Resp:	371705
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.1	70.7
57	20.0	16.0	24.0
100	15.2	11.9	17.9



#49
Dibromochloromethane
Concen: 54.863 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:	129	Resp:	218473
Ion	Ratio	Lower	Upper
129	100		
127	78.8	53.0	98.4





#50

1,2-Dibromoethane

Concen: 56.117 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

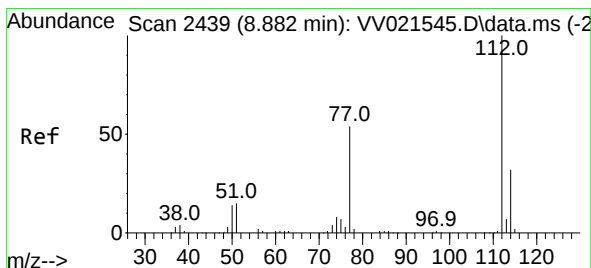
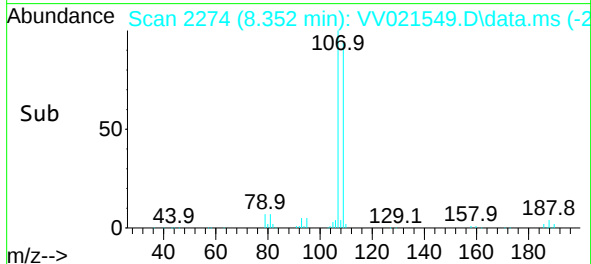
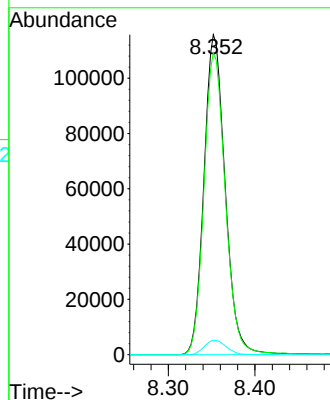
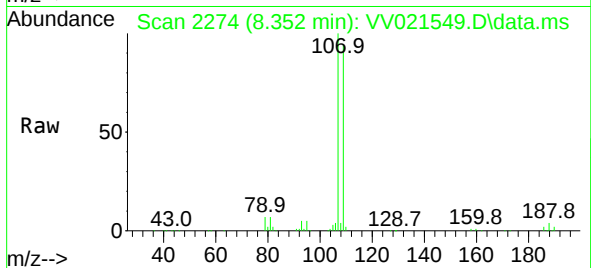
Tgt Ion:107 Resp: 196415

Ion Ratio Lower Upper

107 100

109 94.3 66.7 123.9

188 4.5 3.8 5.8



#51

Chlorobenzene

Concen: 52.748 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV021549.D

Acq: 16 Jun 2021 14:45

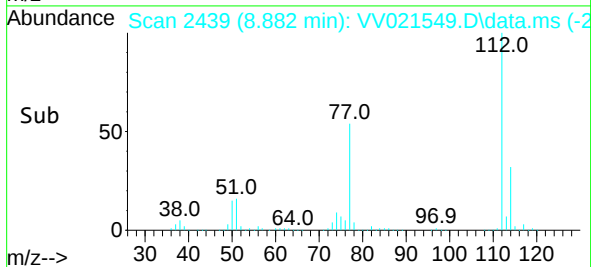
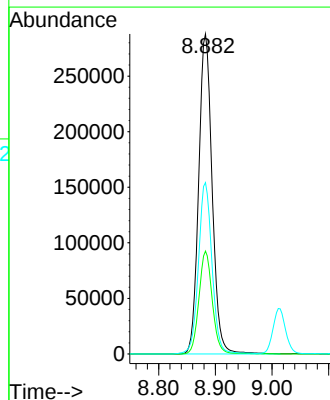
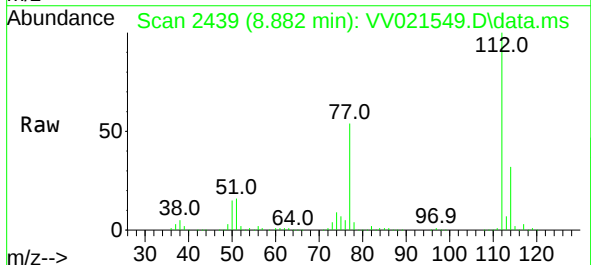
Tgt Ion:112 Resp: 475420

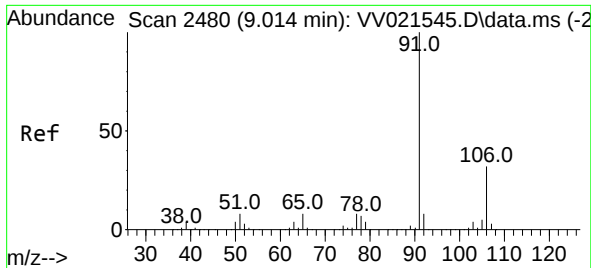
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.9

77 53.6 43.8 65.6





#52

Ethylbenzene

Concen: 51.179 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021549.D

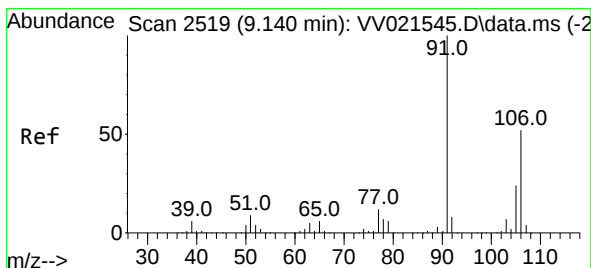
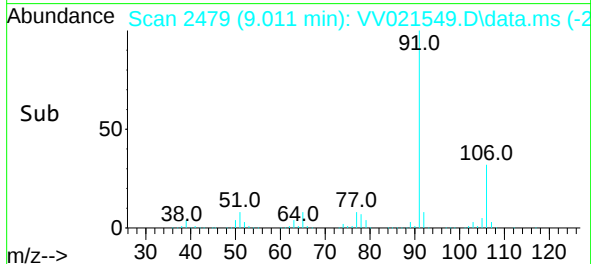
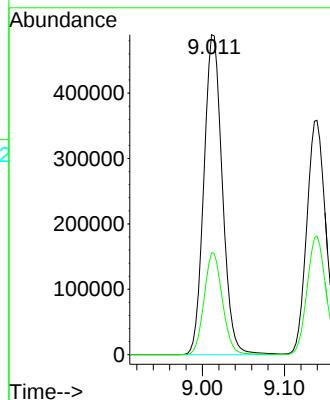
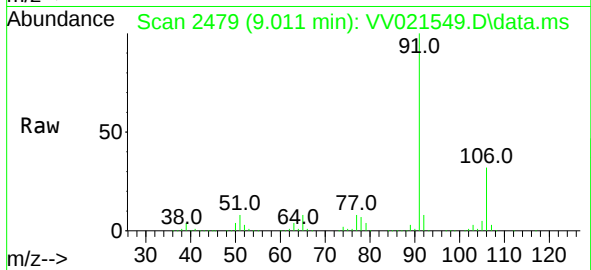
Acq: 16 Jun 2021 14:45

Tgt Ion: 91 Resp: 766323

Ion Ratio Lower Upper

91 100

106 31.9 22.4 41.6



#53

m,p-Xylene

Concen: 51.355 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021549.D

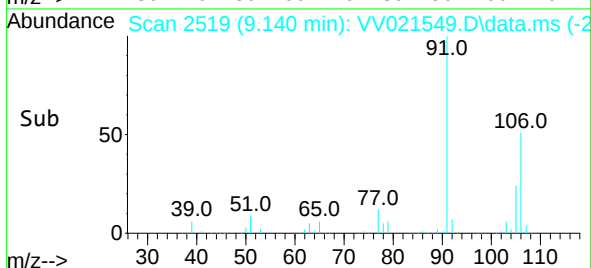
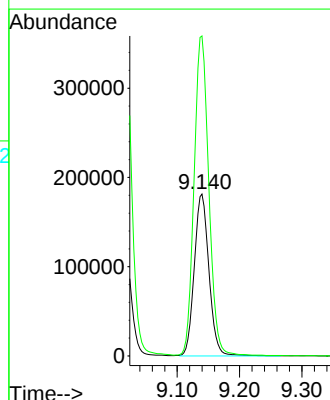
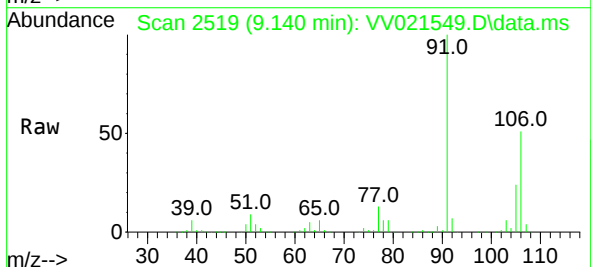
Acq: 16 Jun 2021 14:45

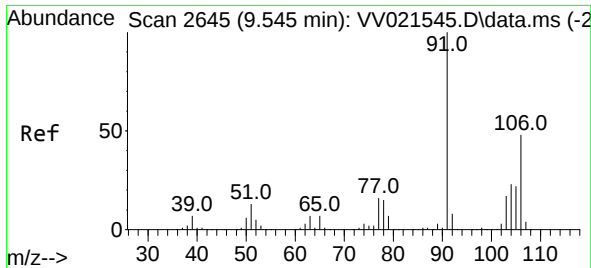
Tgt Ion: 106 Resp: 295458

Ion Ratio Lower Upper

106 100

91 197.5 139.4 258.8

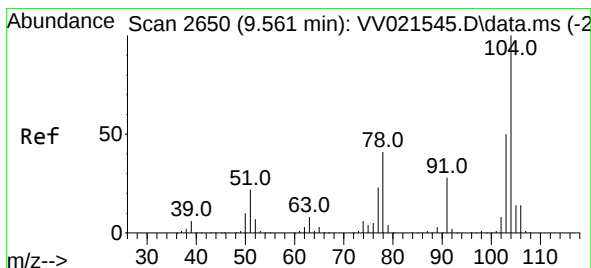
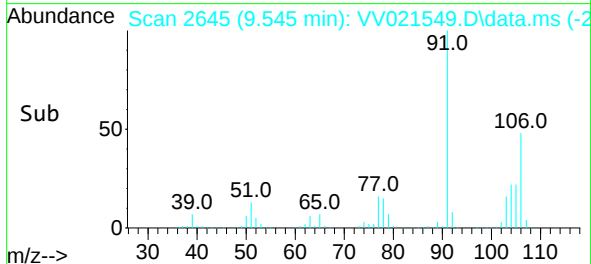
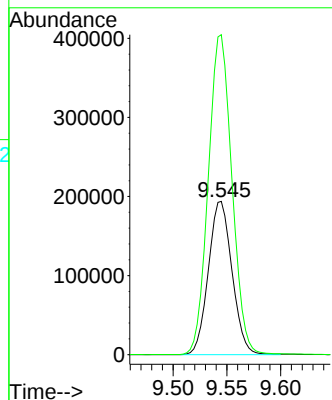
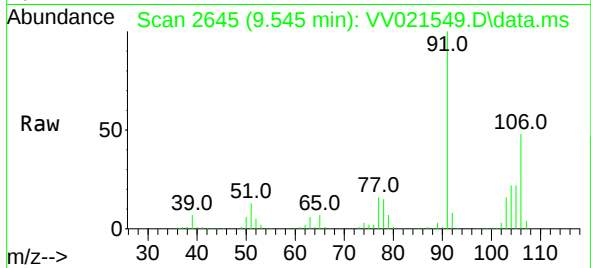




#54
o-Xylene
Concen: 52.245 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

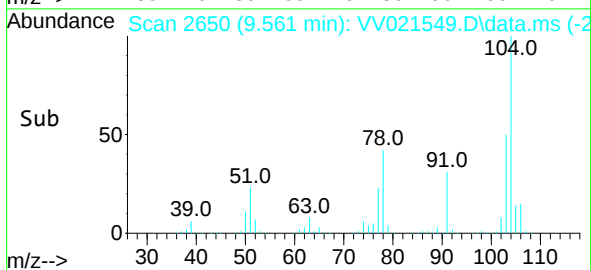
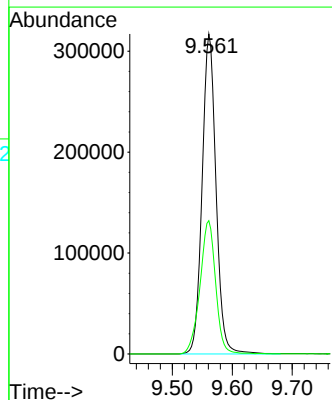
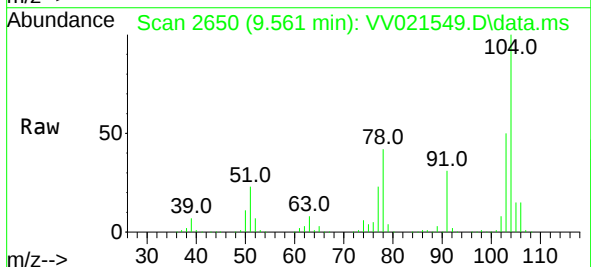
Instrument :
MSVOA_V
ClientSampleId :

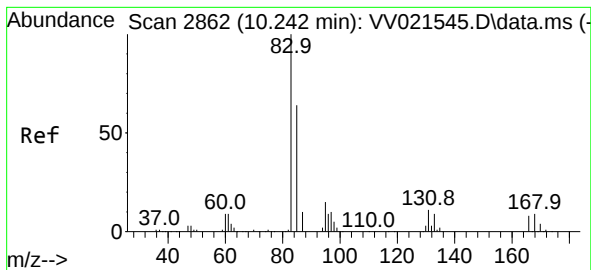
Tgt Ion:106 Resp: 296778
Ion Ratio Lower Upper
106 100
91 208.8 148.5 275.9



#55
Styrene
Concen: 52.384 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:104 Resp: 512135
Ion Ratio Lower Upper
104 100
78 41.7 30.3 56.3

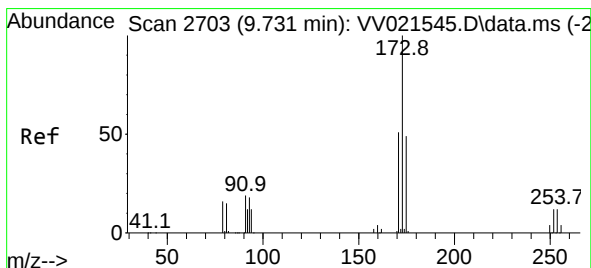
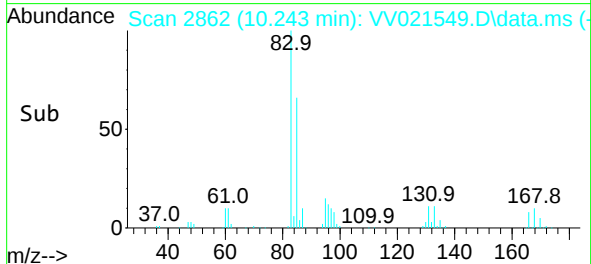
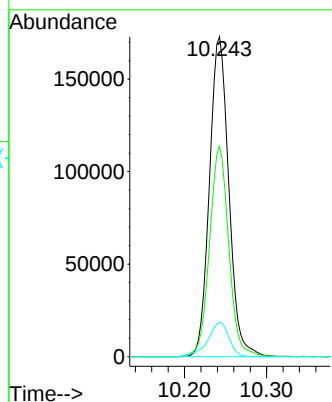
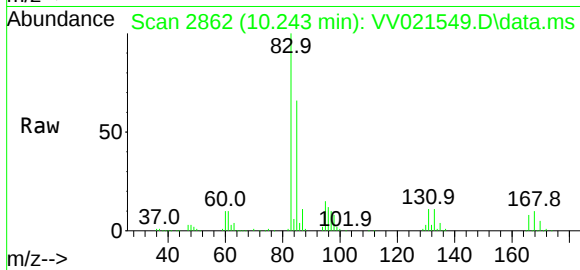




#57
1,1,2,2-Tetrachloroethane
Concen: 57.054 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

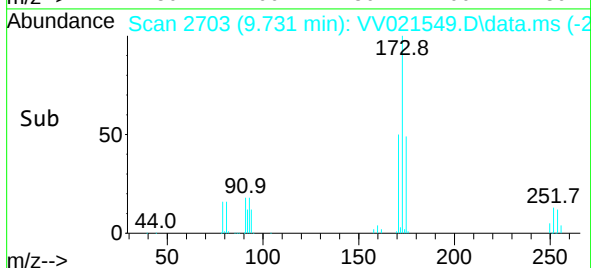
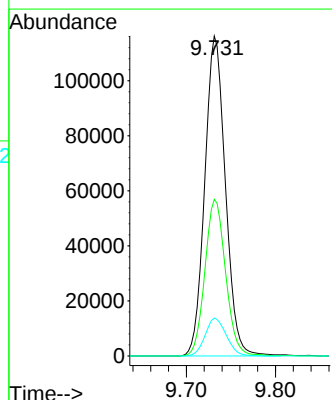
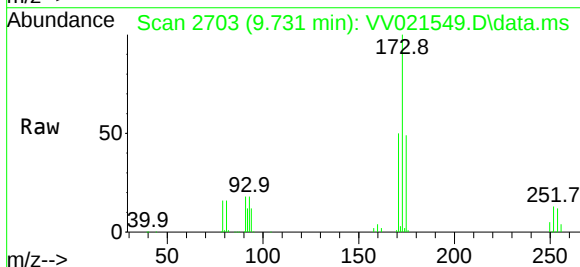
Instrument :
MSVOA_V
ClientSampleId :

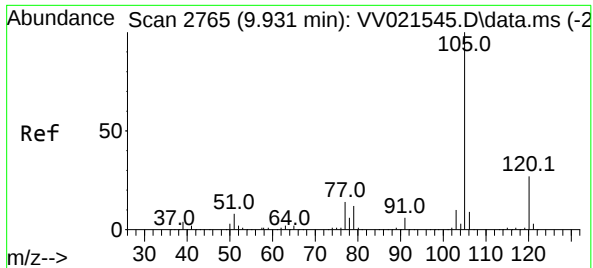
Tgt Ion: 83 Resp: 283218
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2
131 10.7 8.7 13.1



#59
Bromoform
Concen: 56.312 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 173 Resp: 187044
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 12.1 9.8 14.8

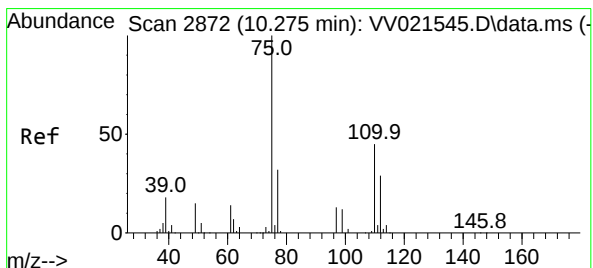
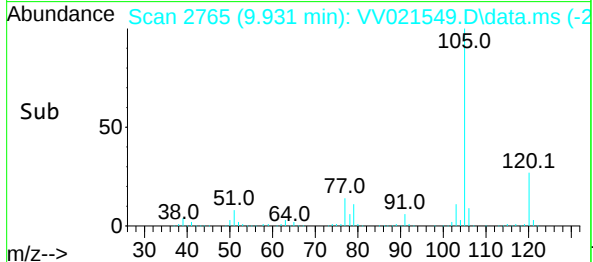
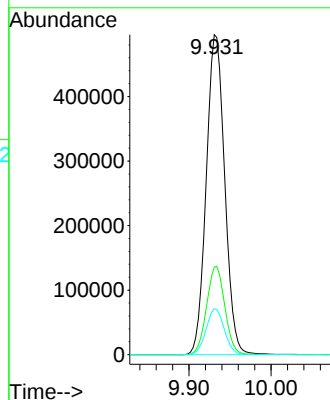
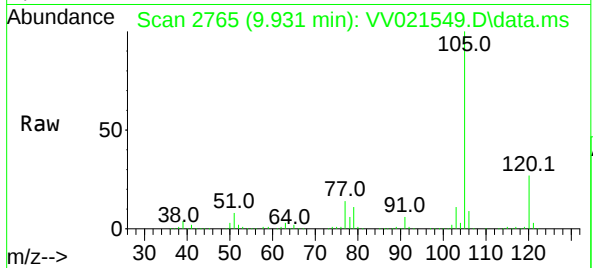




#60
Isopropylbenzene
Concen: 50.782 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

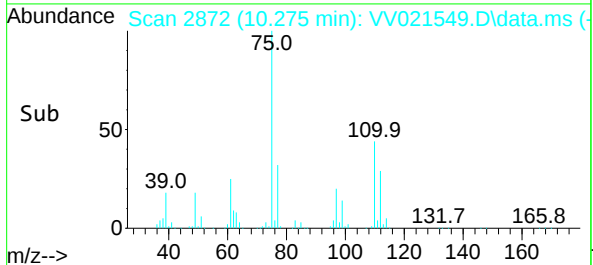
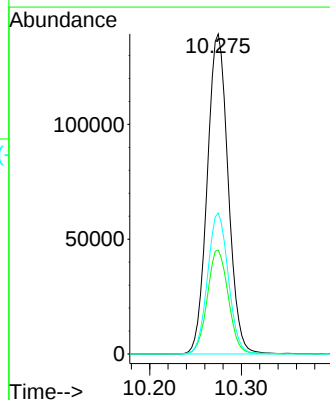
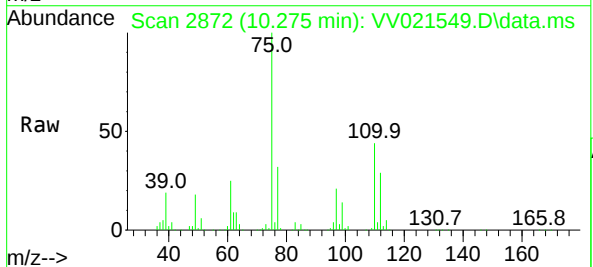
Instrument :
MSVOA_V
ClientSampled :

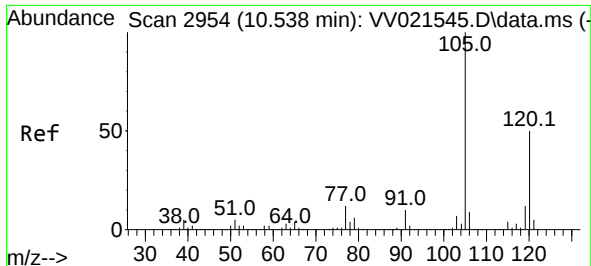
Tgt Ion:105 Resp: 774654
Ion Ratio Lower Upper
105 100
120 27.3 21.7 32.5
77 14.2 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 57.128 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 75 Resp: 220973
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9
110 43.7 34.8 52.2

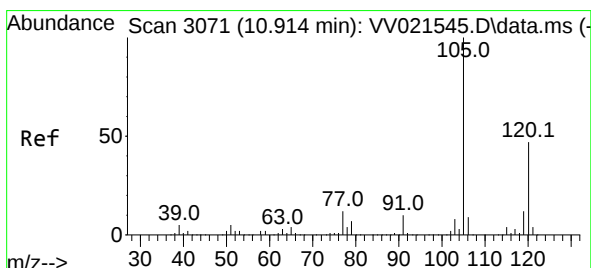
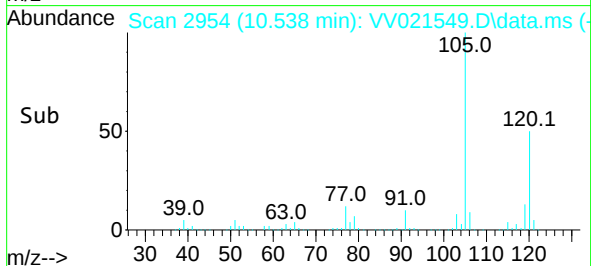
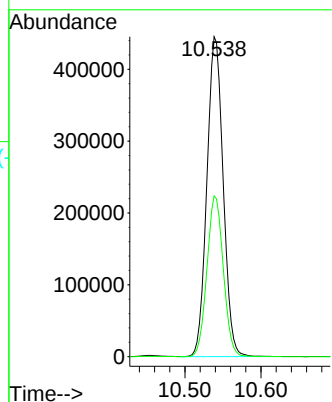
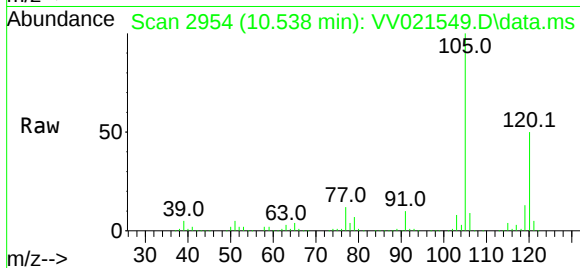




#62
1,3,5-Trimethylbenzene
Concen: 50.394 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

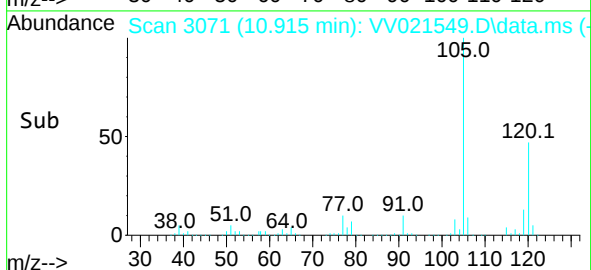
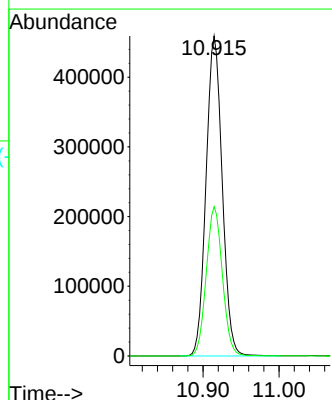
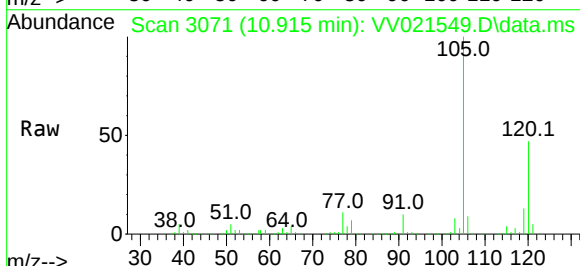
Instrument :
MSVOA_V
ClientSampled :

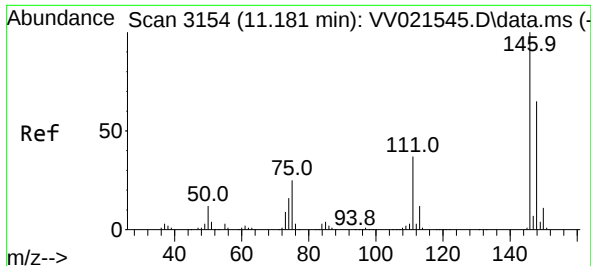
Tgt Ion:105 Resp: 661794
Ion Ratio Lower Upper
105 100
120 50.5 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 51.048 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:105 Resp: 677214
Ion Ratio Lower Upper
105 100
120 46.5 37.0 55.4

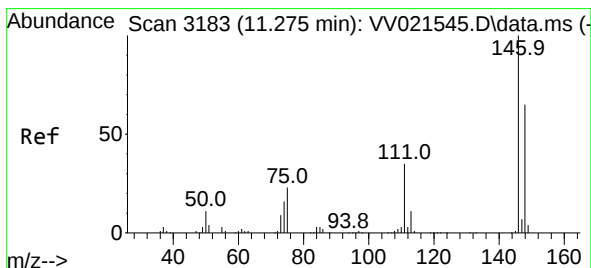
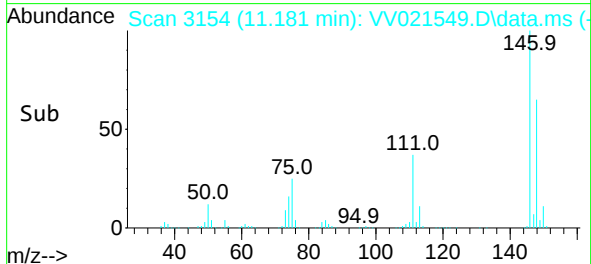
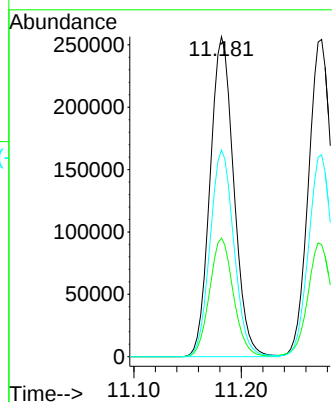
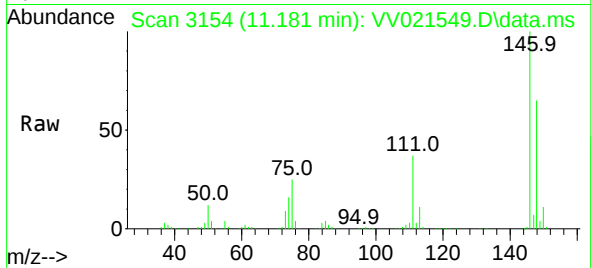




#64
1,3-Dichlorobenzene
Concen: 51.221 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

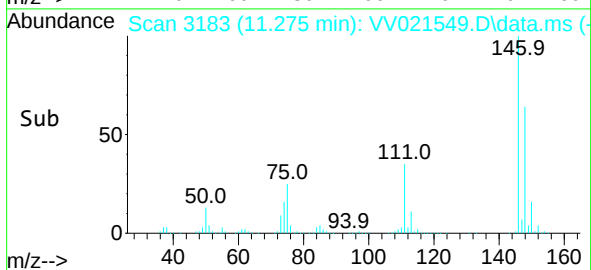
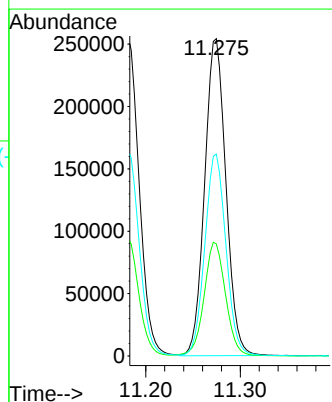
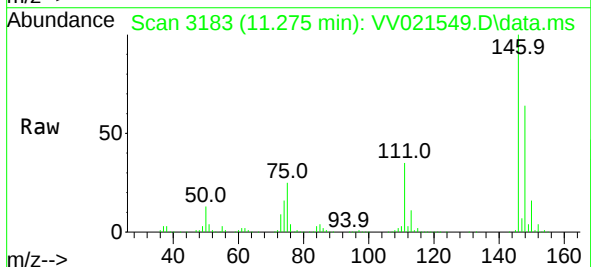
Instrument :
MSVOA_V
ClientSampleId :

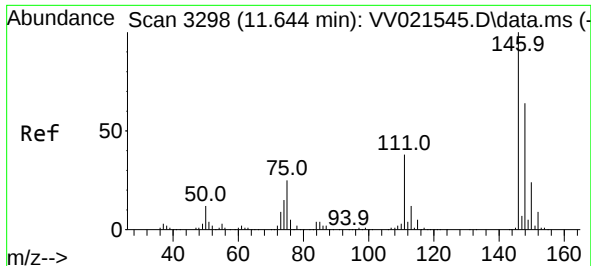
Tgt Ion:146 Resp: 394663
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.2
148 64.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 50.973 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:146 Resp: 396533
Ion Ratio Lower Upper
146 100
111 35.3 25.4 47.2
148 63.6 45.4 84.4

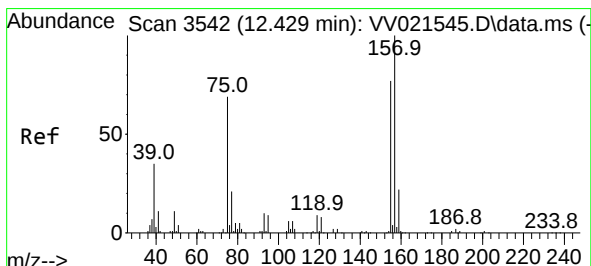
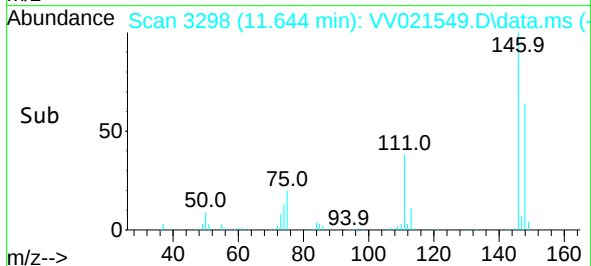
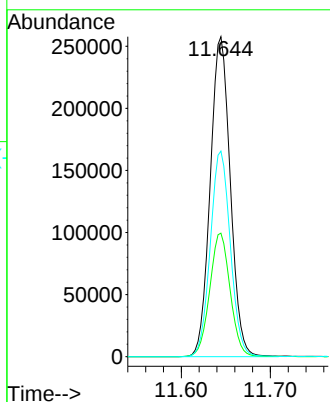
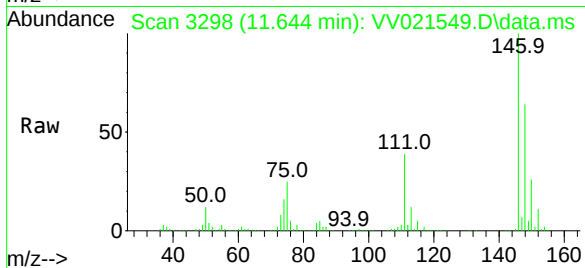




#67
1,2-Dichlorobenzene
Concen: 52.152 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

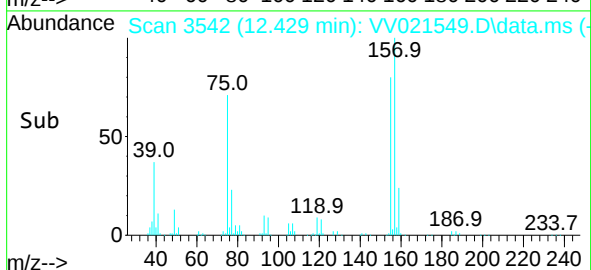
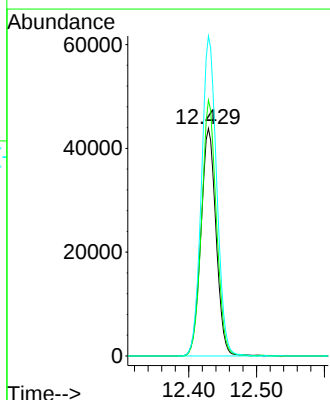
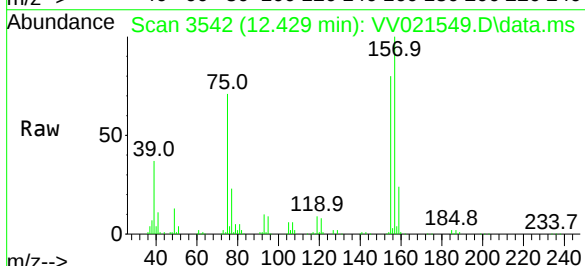
Instrument :
MSVOA_V
ClientSampleId :

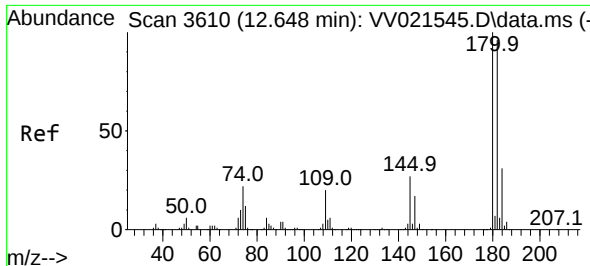
Tgt Ion:146 Resp: 402357
Ion Ratio Lower Upper
146 100
111 38.6 30.8 46.2
148 64.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 56.337 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion: 75 Resp: 67887
Ion Ratio Lower Upper
75 100
155 112.4 89.7 134.5
157 140.7 113.2 169.8

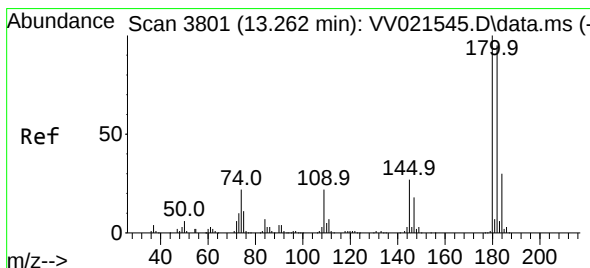
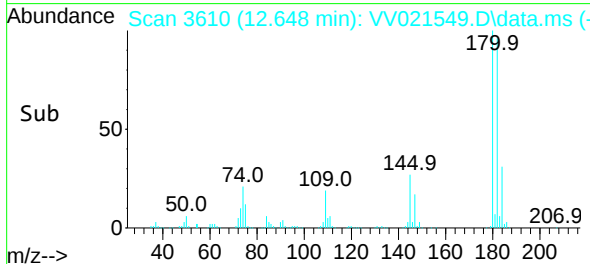
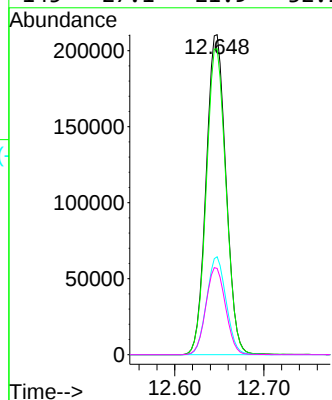
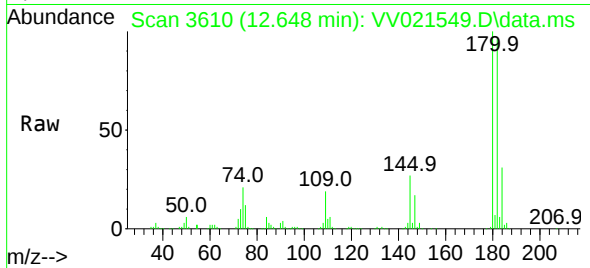




#69
1,3,5-Trichlorobenzene
Concen: 49.854 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

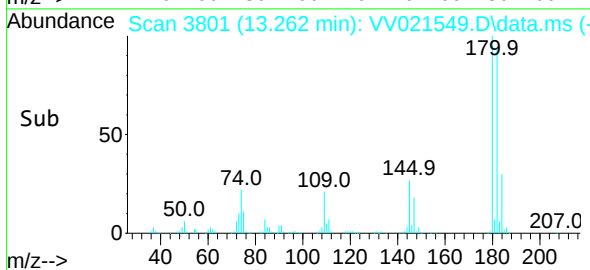
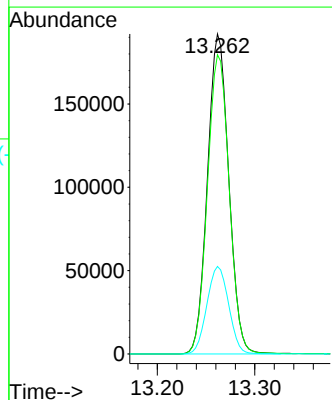
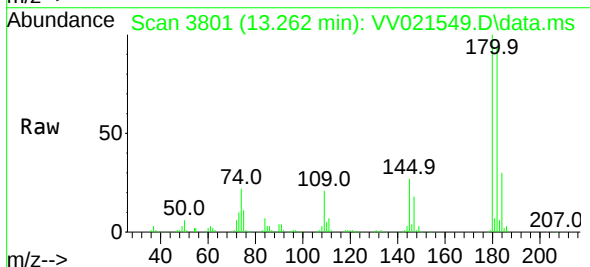
Instrument :
MSVOA_V
ClientSampleId :

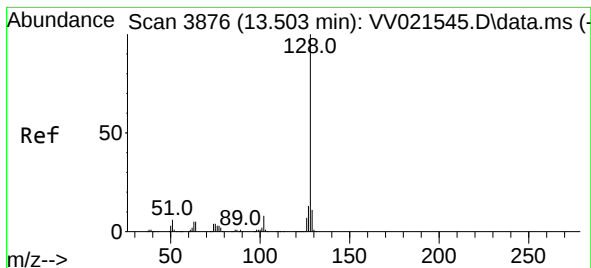
Tgt Ion:	180	Resp:	324054
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
184	30.2	24.3	36.5
145	27.1	21.9	32.9



#70
1,2,4-trichlorobenzene
Concen: 50.165 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:	180	Resp:	291303
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.2	114.4
145	28.0	21.8	32.8

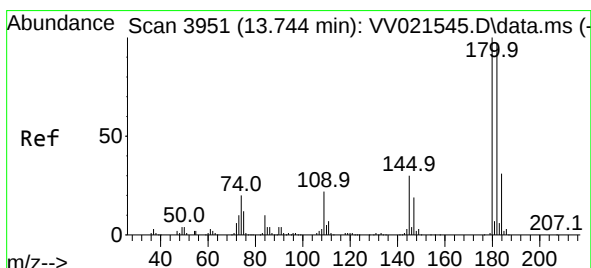
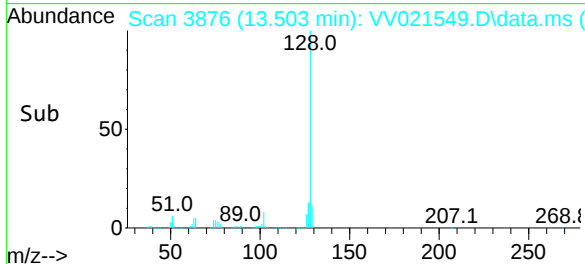
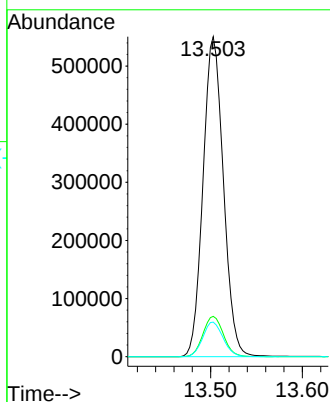
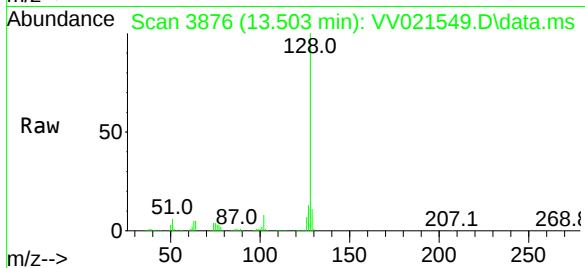




#71
Naphthalene
Concen: 53.121 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 850866
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 52.431 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021549.D
Acq: 16 Jun 2021 14:45

Tgt Ion:180 Resp: 296357
Ion Ratio Lower Upper
180 100
182 96.2 76.3 114.5
145 29.7 24.0 36.0

