

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021983.D
 Acq On : 27 Aug 2021 18:05
 Operator : SY/MD
 Sample : M3549-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	374716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	362496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	199071	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	120164	46.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.620%
7) Chloroethane-d5	1.564	69	96013	47.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	2.108	63	210716	49.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.200%
21) 2-Butanone-d5	3.876	46	181127	101.776	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.780%
24) Chloroform-d	4.352	84	233404	49.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.660%
26) 1,2-Dichloroethane-d4	5.034	65	136236	48.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
32) Benzene-d6	5.050	84	468320	47.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	6.072	67	147078	47.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.140%
41) Toluene-d8	7.316	98	441969	47.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	7.622	79	70295	47.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.520%
47) 2-Hexanone-d5	8.088	63	131832	111.118	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	211553	53.421	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	11.625	152	180183	46.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	121704	47.250	ug/L	99
3) Chloromethane	1.240	50	129185	47.365	ug/L	100
5) Vinyl chloride	1.310	62	130975	47.644	ug/L	99
6) Bromomethane	1.516	94	76844	46.494	ug/L	100
8) Chloroethane	1.580	64	77145	44.859	ug/L	96
9) Trichlorofluoromethane	1.751	101	193356	49.392	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	111989	48.773	ug/L	99
12) 1,1-Dichloroethene	2.117	96	108708	50.295	ug/L	87
13) Acetone	2.159	43	111477	74.760	ug/L	# 74
14) Carbon disulfide	2.291	76	312232	47.874	ug/L	100
15) Methyl Acetate	2.426	43	132467	45.618	ug/L	98
16) Methylene chloride	2.506	84	140620	48.559	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	127132	48.646	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	407249	49.039	ug/L	98
19) 1,1-Dichloroethane	3.188	63	227498	48.876	ug/L	98
20) cis-1,2-Dichloroethene	3.911	96	142266	48.910	ug/L	98
22) 2-Butanone	3.960	43	190434	90.855	ug/L	96
23) Bromochloromethane	4.249	128	74236	47.924	ug/L	99
25) Chloroform	4.378	83	235376	47.771	ug/L	98

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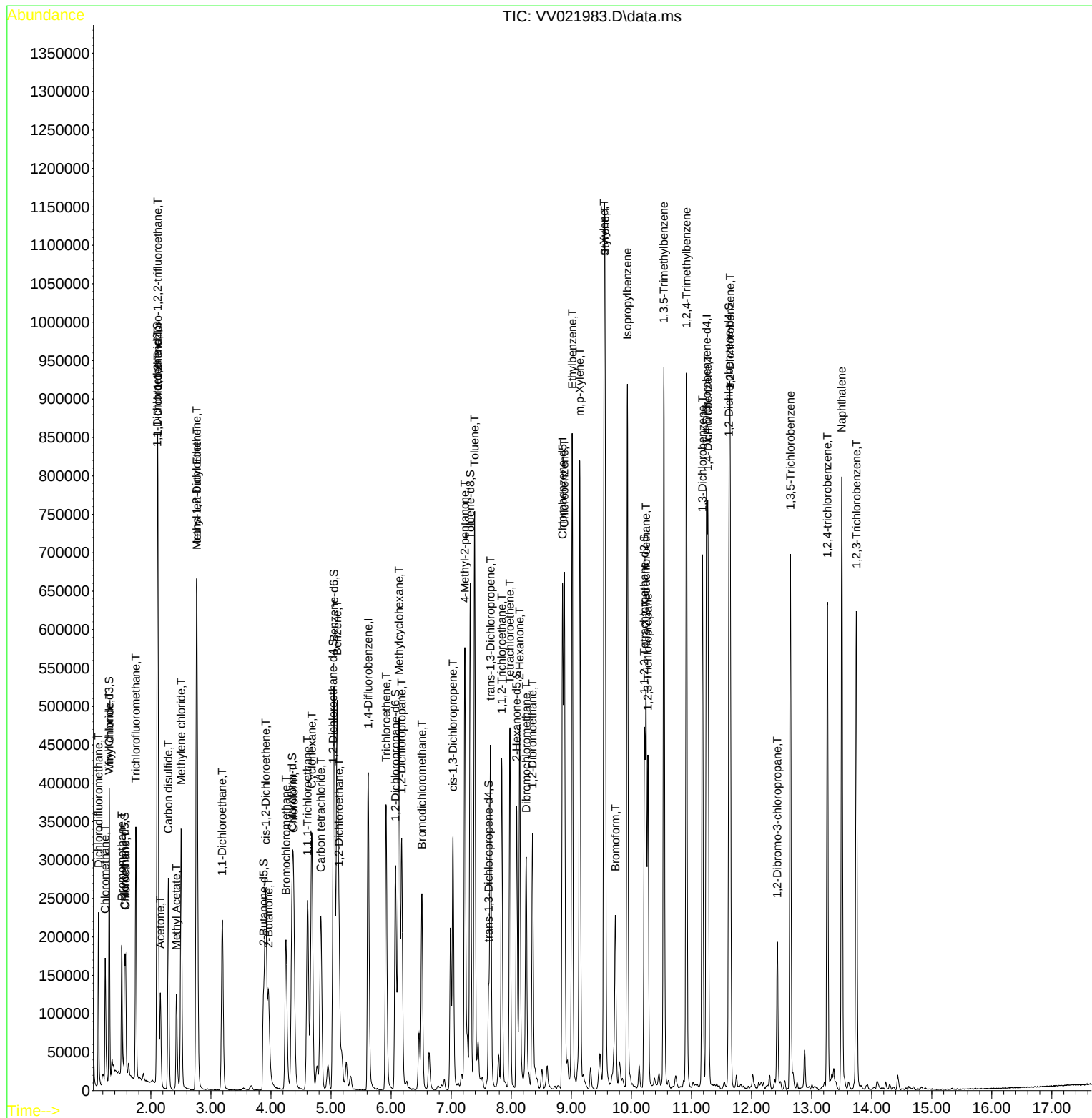
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	165787	50.195	ug/L	99
29) Cyclohexane	4.680	56	194342	47.960	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	206751	47.989	ug/L	99
31) Carbon tetrachloride	4.828	117	174729	47.205	ug/L	99
33) Benzene	5.101	78	513574	48.696	ug/L	100
34) Trichloroethene	5.918	95	131381	43.978	ug/L	97
35) Methylcyclohexane	6.133	83	221810	50.789	ug/L	94
37) 1,2-Dichloropropane	6.175	63	131118	47.961	ug/L	99
38) Bromodichloromethane	6.513	83	169471	48.474	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	203335	48.174	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	375984	101.445	ug/L	99
42) Toluene	7.390	91	554713	48.733	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	189136	48.146	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	134884	48.490	ug/L	99
46) Tetrachloroethene	7.979	164	107645	46.341	ug/L	99
48) 2-Hexanone	8.140	43	280892	97.678	ug/L	99
49) Dibromochloromethane	8.249	129	144926	48.673	ug/L	100
50) 1,2-Dibromoethane	8.355	107	147024	49.248	ug/L	100
51) Chlorobenzene	8.882	112	359032	46.913	ug/L	99
52) Ethylbenzene	9.014	91	591076	47.969	ug/L	100
53) m,p-Xylene	9.140	106	230741	48.178	ug/L	100
54) o-Xylene	9.545	106	230026	48.541	ug/L	97
55) Styrene	9.561	104	397578	49.162	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	228668	56.737	ug/L	100
59) Bromoform	9.734	173	103413	48.910	ug/L	100
60) Isopropylbenzene	9.934	105	601596	48.094	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	169505	49.129	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	502560	47.856	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	513824	48.138	ug/L	100
64) 1,3-Dichlorobenzene	11.184	146	295756	46.568	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	296546	45.630	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	296791	47.064	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42355	50.937	ug/L	97
69) 1,3,5-Trichlorobenzene	12.647	180	217071	45.709	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	194186	46.483	ug/L	100
71) Naphthalene	13.503	128	627613	52.226	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	194221	47.665	ug/L	98

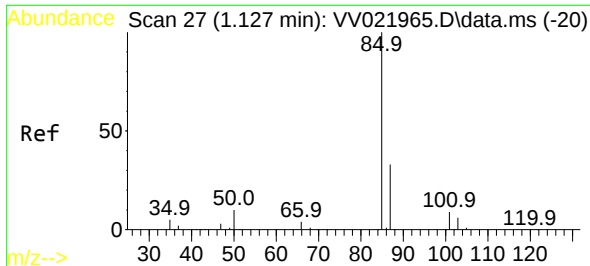
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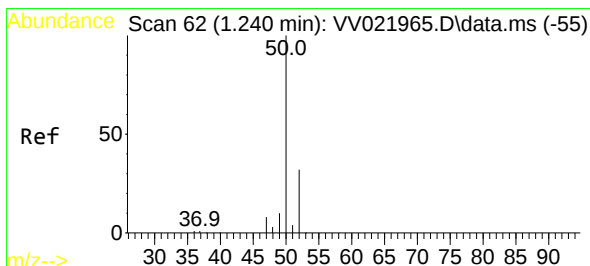
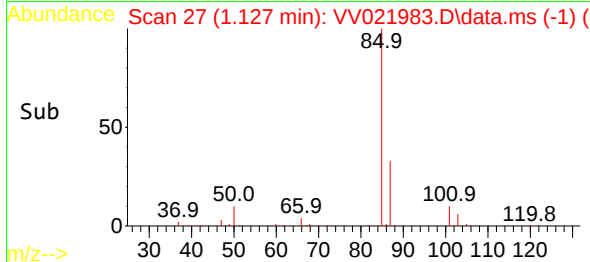
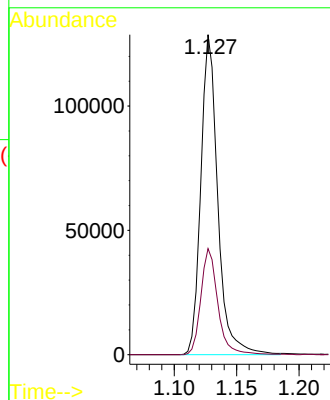
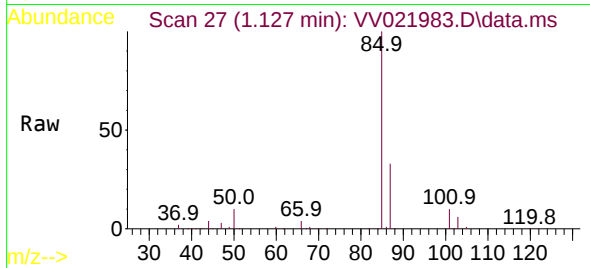




#2
 Dichlorodifluoromethane
 Concen: 47.250 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021983.D
 Acq: 27 Aug 2021 18:05

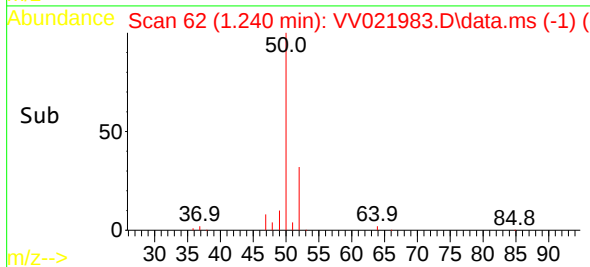
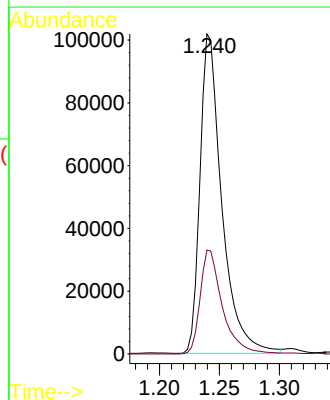
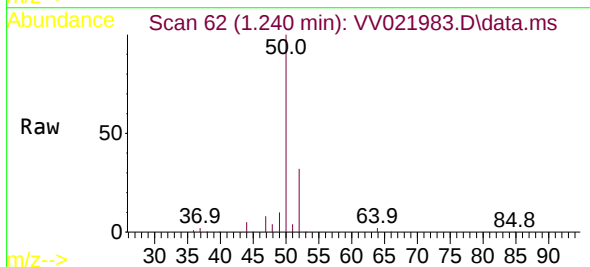
Instrument :
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 ClientSampled :

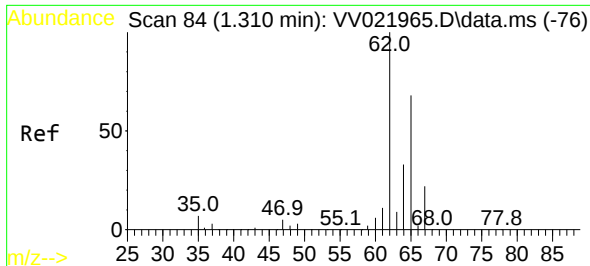
Tgt Ion: 85 Resp: 121704
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 47.365 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021983.D
 Acq: 27 Aug 2021 18:05

Tgt Ion: 50 Resp: 129185
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

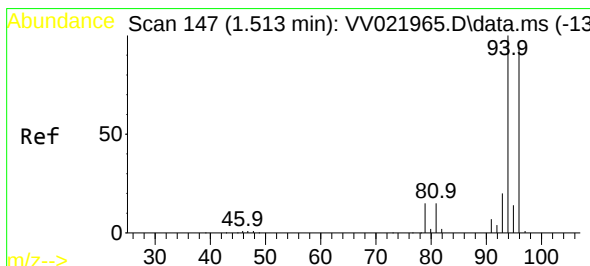
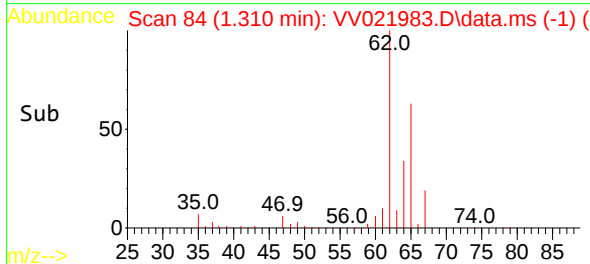
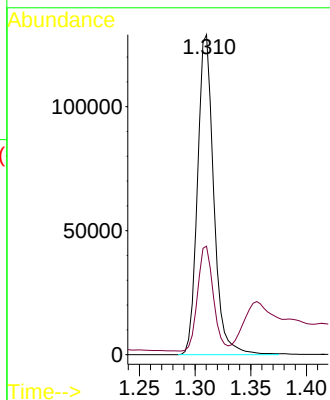
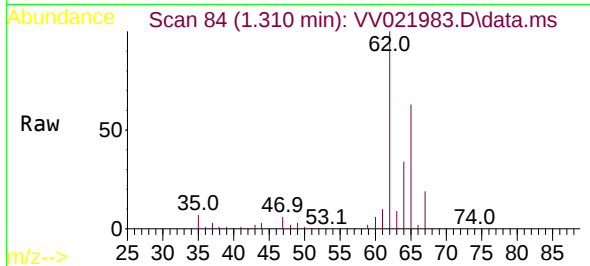




#5
 Vinyl chloride
 Concen: 47.644 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021983.D
 Acq: 27 Aug 2021 18:05

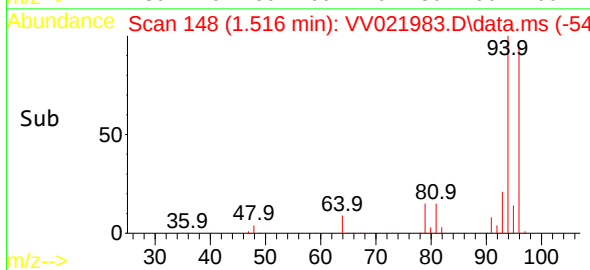
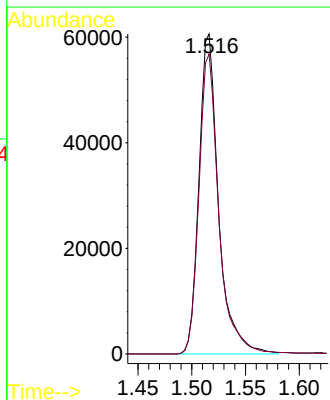
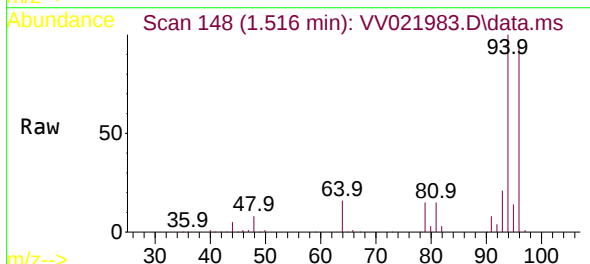
Instrument :
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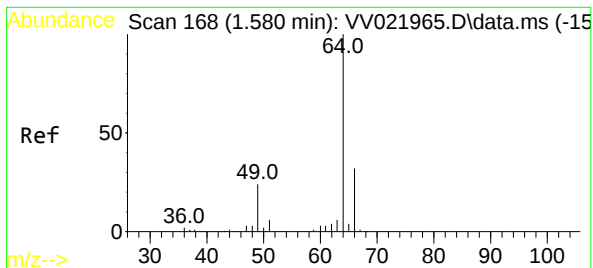
Tgt Ion: 62 Resp: 130975
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.4 43.6



#6
 Bromomethane
 Concen: 46.494 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV021983.D
 Acq: 27 Aug 2021 18:05

Tgt Ion: 94 Resp: 76844
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.8 122.2





#8

Chloroethane

Concen: 44.859 ug/L

RT: 1.580 min Scan# 168

Delta R.T. -0.000 min

Lab File: VV021983.D

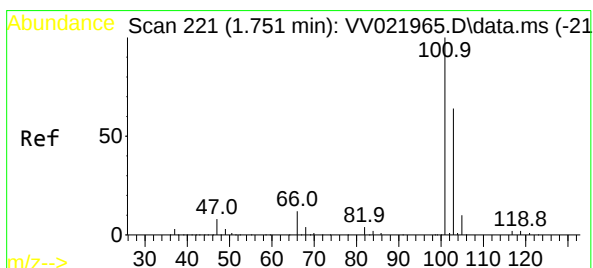
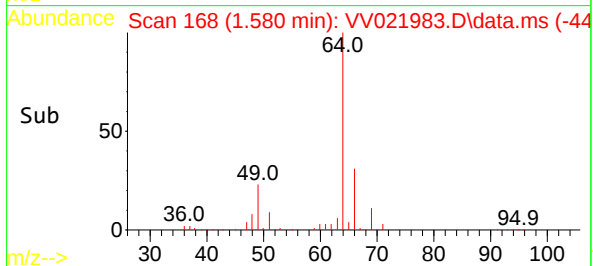
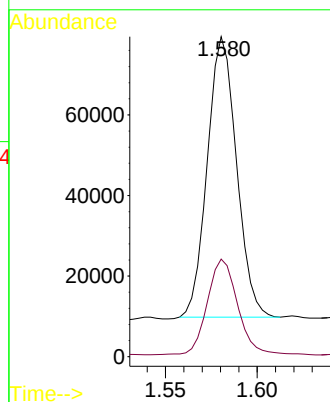
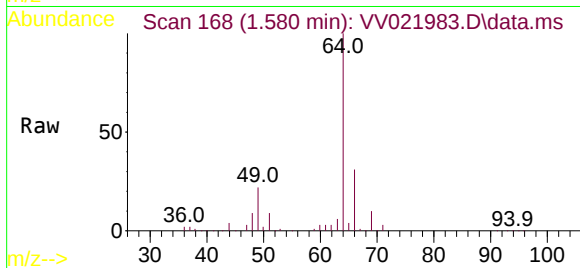
Acq: 27 Aug 2021 18:05

Tgt Ion: 64 Resp: 77145

Ion Ratio Lower Upper

64 100

66 30.5 22.7 42.3



#9

Trichlorofluoromethane

Concen: 49.392 ug/L

RT: 1.751 min Scan# 221

Delta R.T. -0.000 min

Lab File: VV021983.D

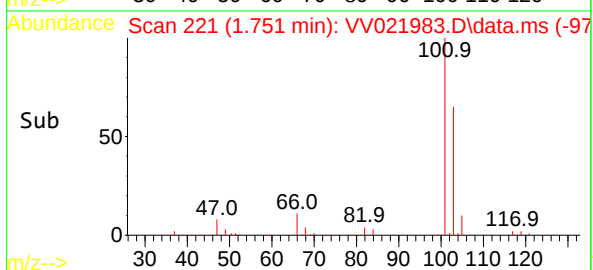
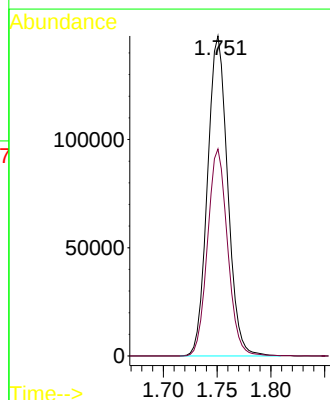
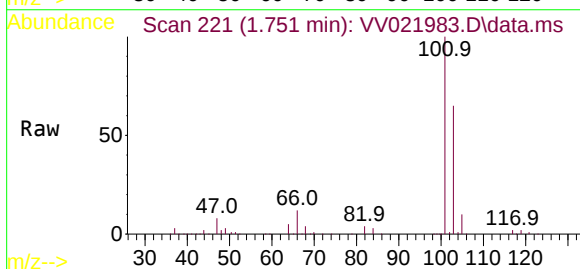
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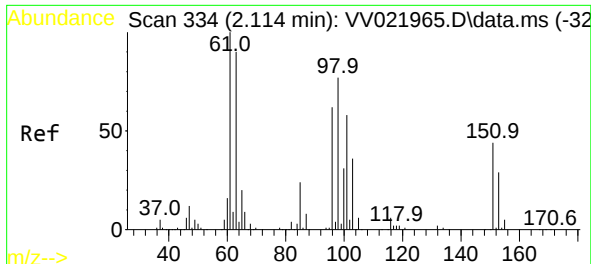
Tgt Ion: 101 Resp: 193356

Ion Ratio Lower Upper

101 100

103 64.2 51.4 77.0

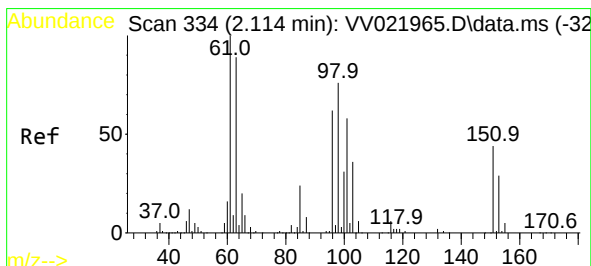
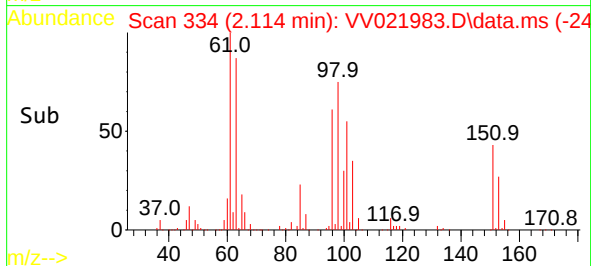
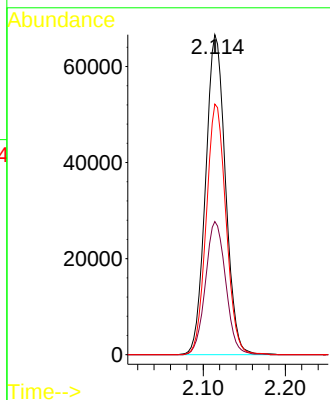
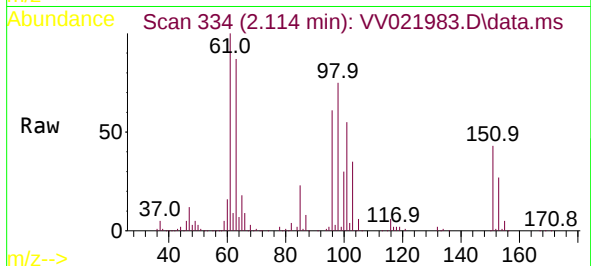




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.773 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

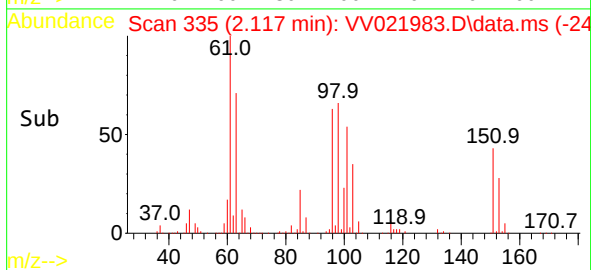
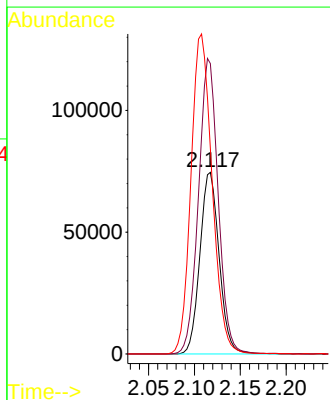
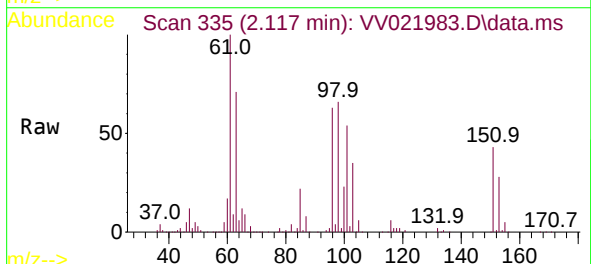
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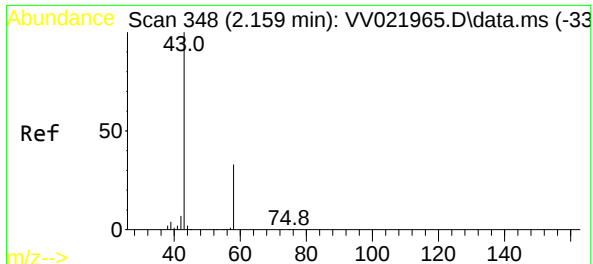
Tgt Ion:101 Resp: 111989
Ion Ratio Lower Upper
101 100
85 42.3 33.4 50.0
151 77.7 61.7 92.5



#12
1,1-Dichloroethene
Concen: 50.295 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 96 Resp: 108708
Ion Ratio Lower Upper
96 100
61 159.8 113.2 210.2
63 113.1 102.3 189.9

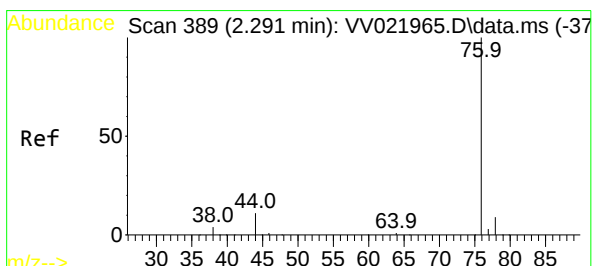
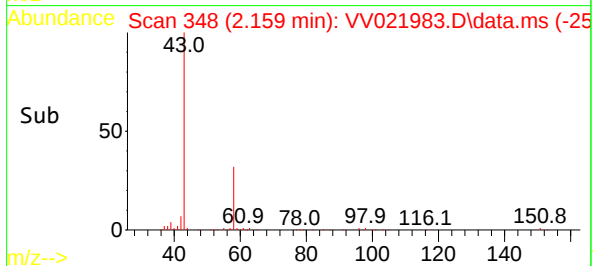
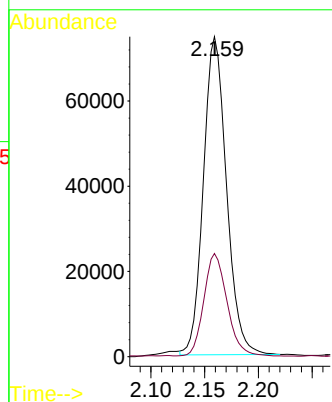
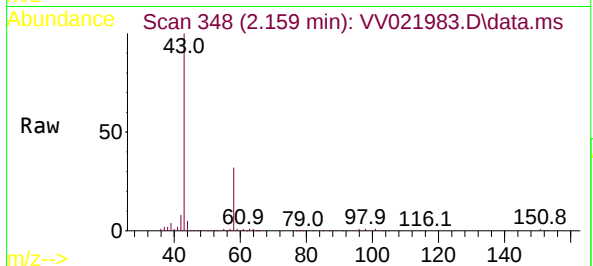




#13
Acetone
Concen: 74.760 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

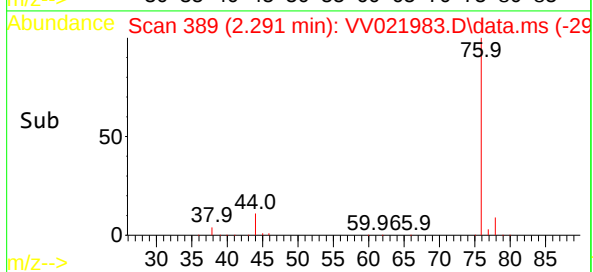
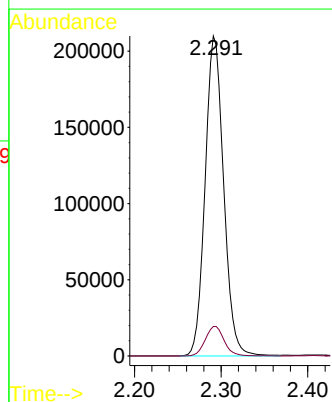
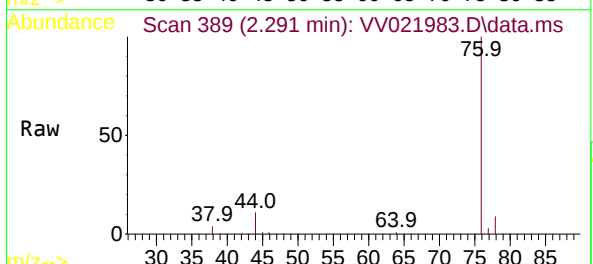
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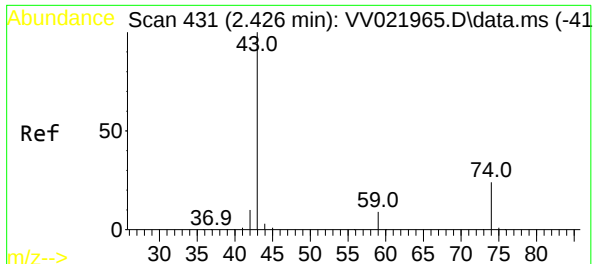
Tgt Ion: 43 Resp: 111477
Ion Ratio Lower Upper
43 100
58 33.2 0.0 0.4#



#14
Carbon disulfide
Concen: 47.874 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 312232
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

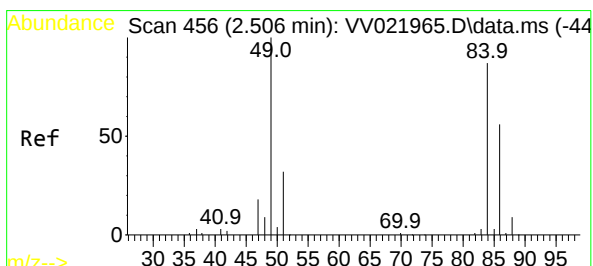
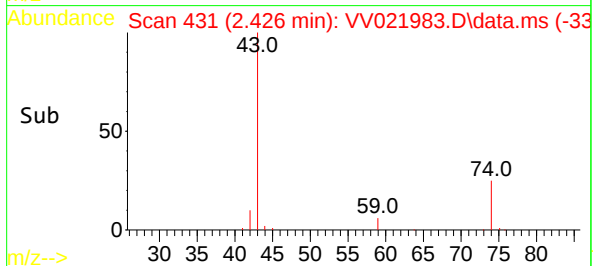
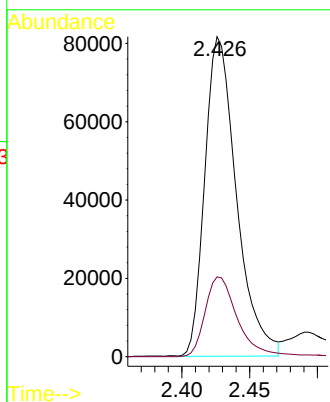
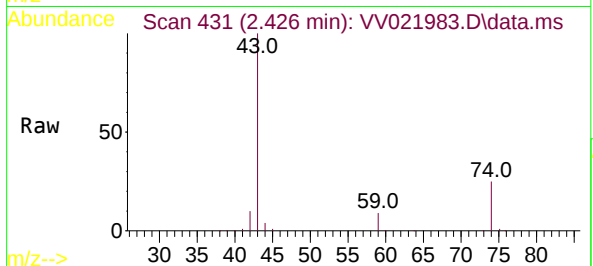




#15
Methyl Acetate
Concen: 45.618 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

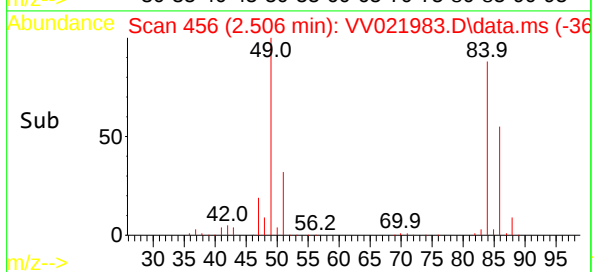
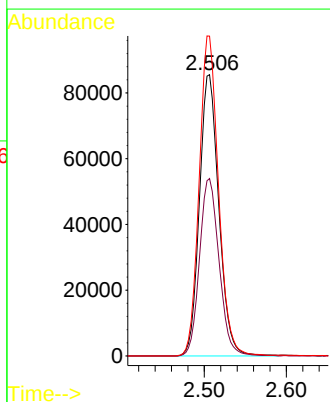
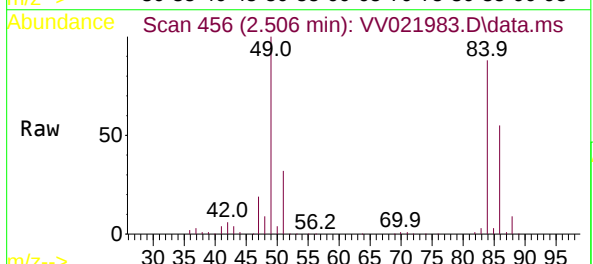
Instrument :
MSVOA_V
ClientSampled :

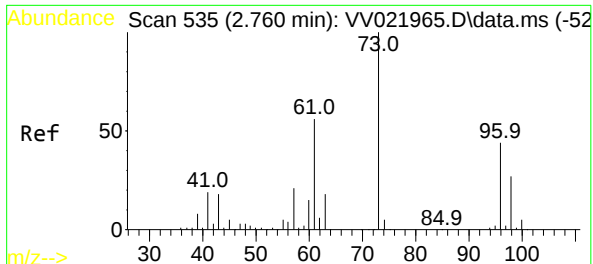
Tgt Ion: 43 Resp: 132467
Ion Ratio Lower Upper
43 100
74 26.1 20.2 30.2



#16
Methylene chloride
Concen: 48.559 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 84 Resp: 140620
Ion Ratio Lower Upper
84 100
86 63.1 44.8 83.2
49 113.7 80.2 149.0

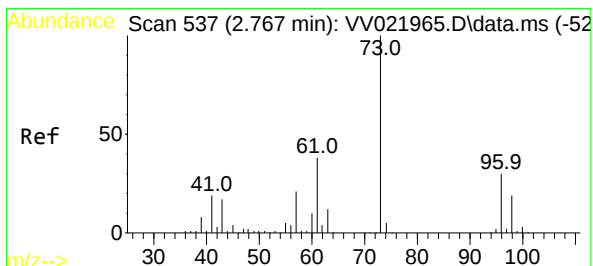
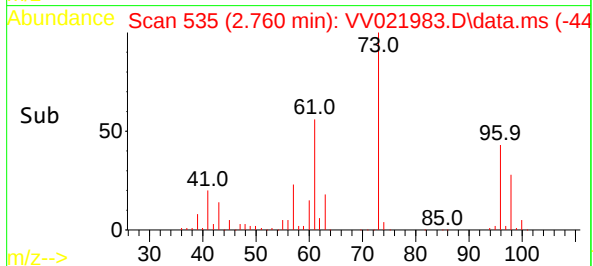
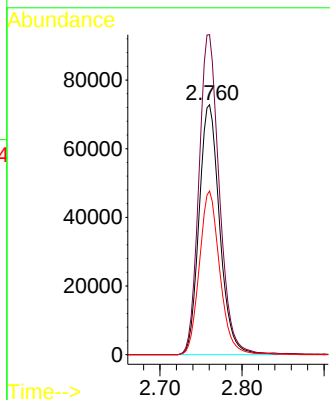
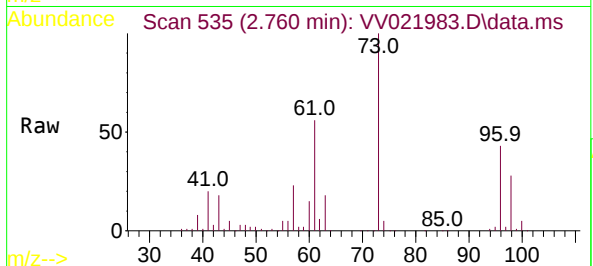




#17
trans-1,2-Dichloroethene
Concen: 48.646 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

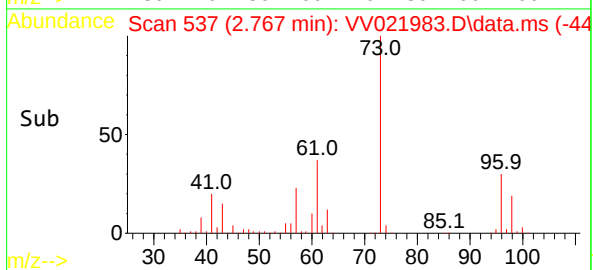
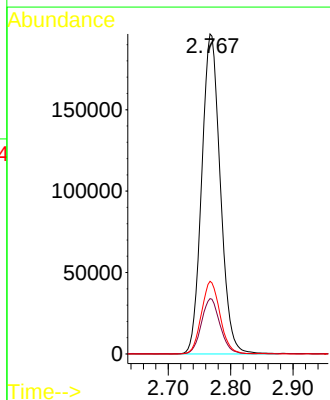
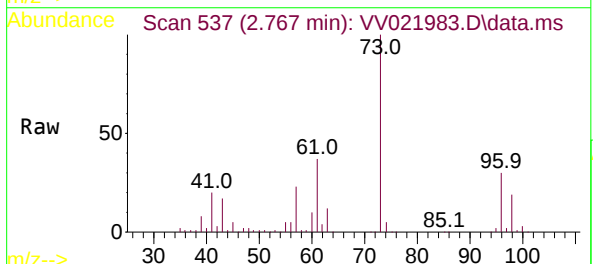
Instrument :
MSVOA_V
ClientSampleId :

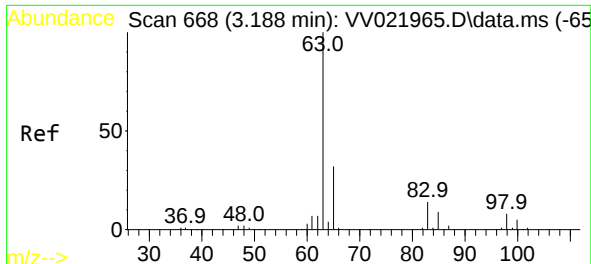
Tgt Ion: 96 Resp: 127132
Ion Ratio Lower Upper
96 100
61 128.0 89.1 165.5
98 65.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.039 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 73 Resp: 407249
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 22.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.876 ug/L

RT: 3.188 min Scan# 668

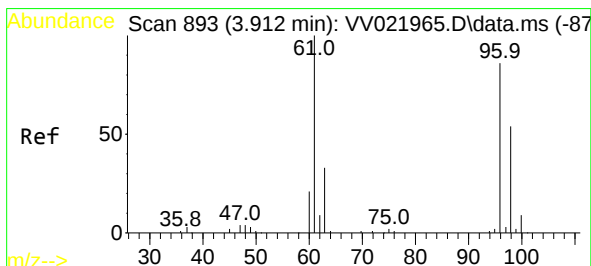
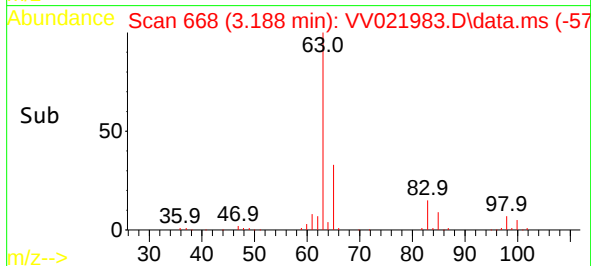
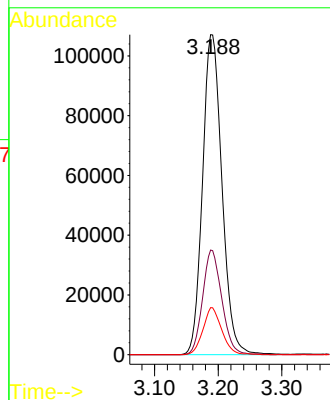
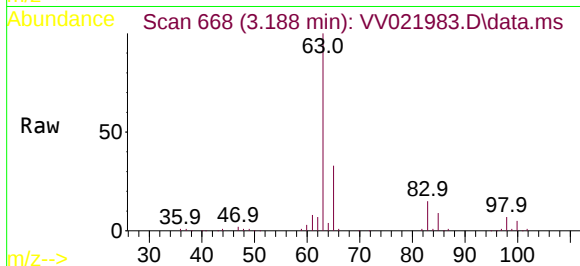
Delta R.T. -0.000 min

Lab File: VV021983.D

Acq: 27 Aug 2021 18:05

Tgt Ion: 63 Resp: 227498

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.2	41.2
83	14.7	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 48.910 ug/L

RT: 3.911 min Scan# 893

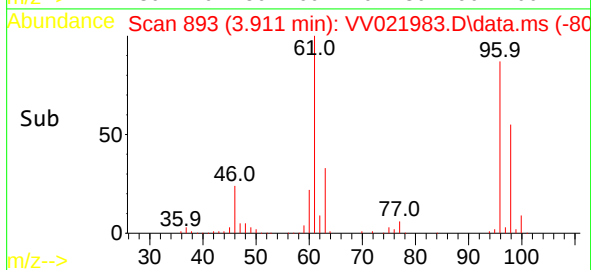
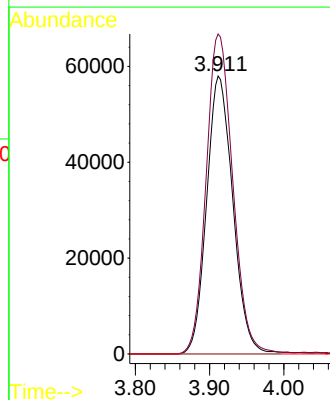
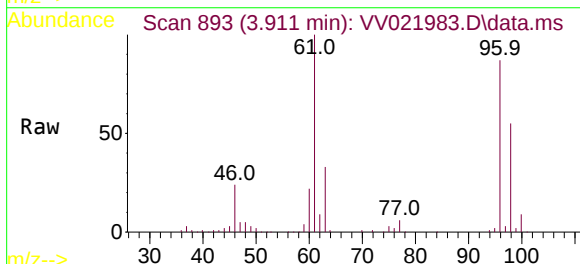
Delta R.T. -0.000 min

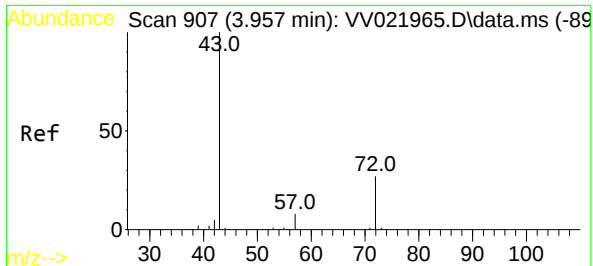
Lab File: VV021983.D

Acq: 27 Aug 2021 18:05

Tgt Ion: 96 Resp: 142266

Ion	Ratio	Lower	Upper
96	100		
61	115.1	81.8	152.0
68	0.0	0.0	0.0

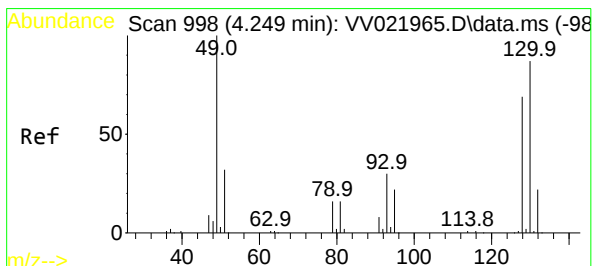
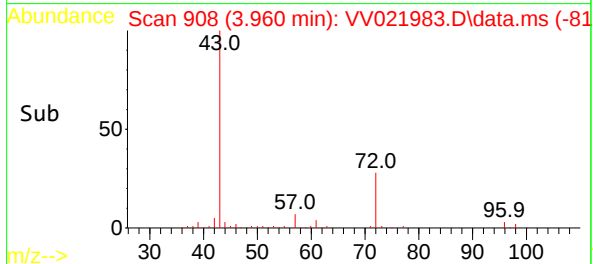
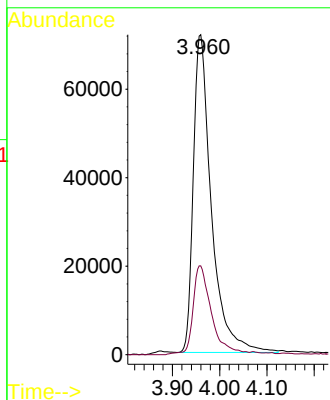
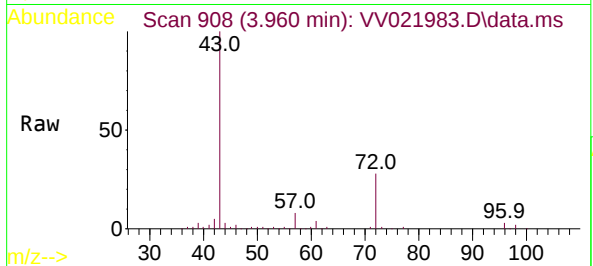




#22
2-Butanone
Concen: 90.855 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.003 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

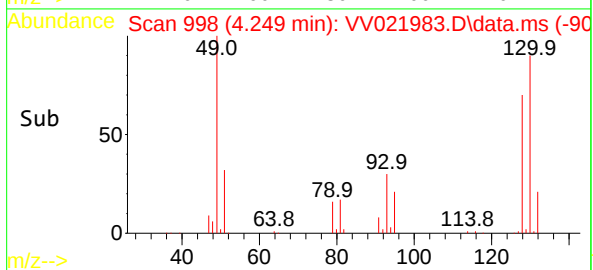
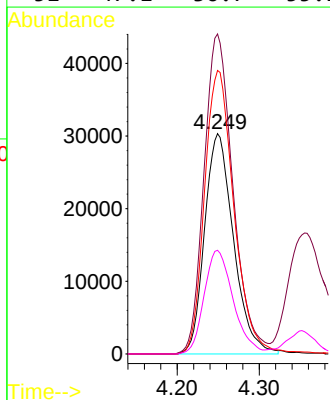
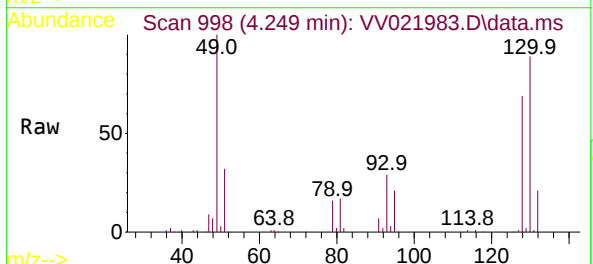
Instrument :
MSVOA_V
ClientSampled :

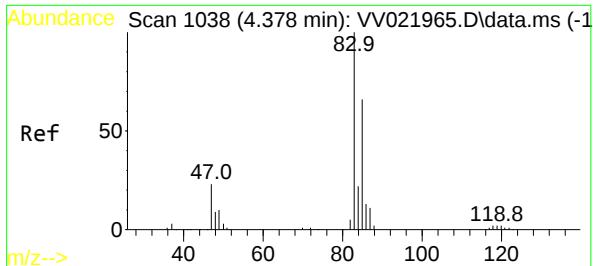
Tgt Ion: 43 Resp: 190434
Ion Ratio Lower Upper
43 100
72 28.3 13.3 39.8



#23
Bromochloromethane
Concen: 47.924 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:128 Resp: 74236
Ion Ratio Lower Upper
128 100
49 145.3 101.6 188.8
130 128.7 88.5 164.3
51 47.1 36.7 55.1





#25

Chloroform

Concen: 47.771 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV021983.D

Acq: 27 Aug 2021 18:05

Tgt Ion: 83 Resp: 235376

Ion Ratio Lower Upper

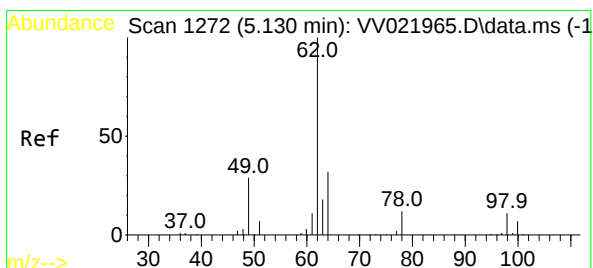
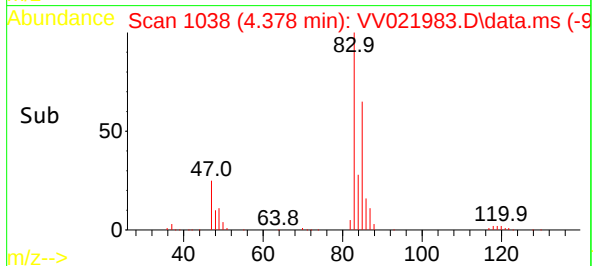
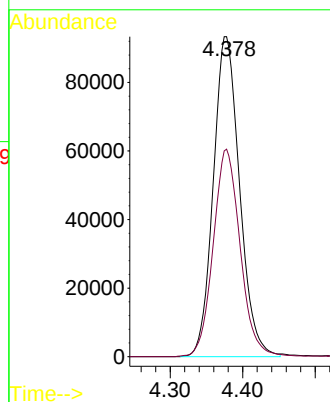
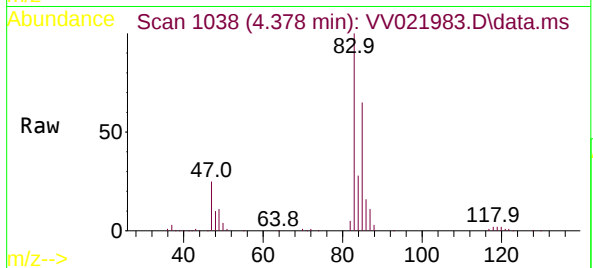
83 100

85 64.9 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 50.195 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV021983.D

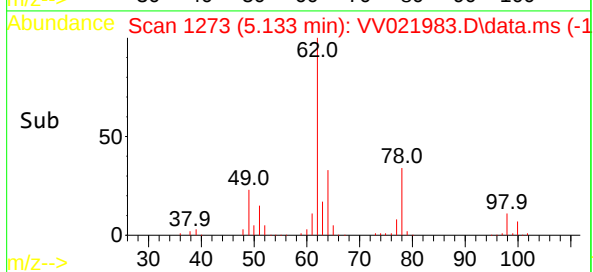
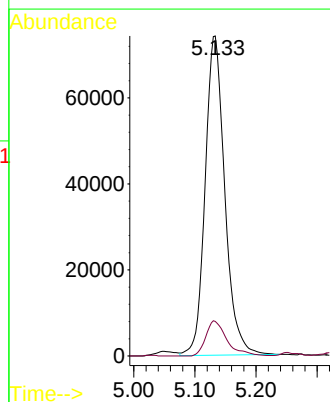
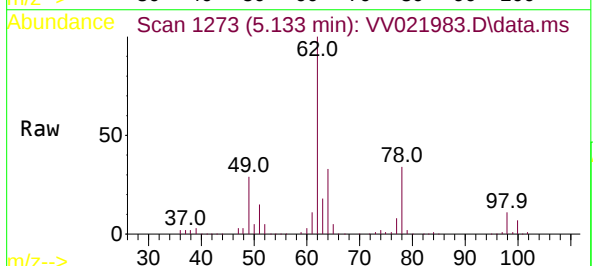
Acq: 27 Aug 2021 18:05

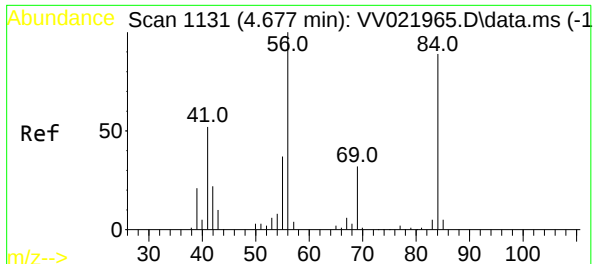
Tgt Ion: 62 Resp: 165787

Ion Ratio Lower Upper

62 100

98 10.8 8.5 12.7





#29

Cyclohexane

Concen: 47.960 ug/L

RT: 4.680 min Scan# 1132

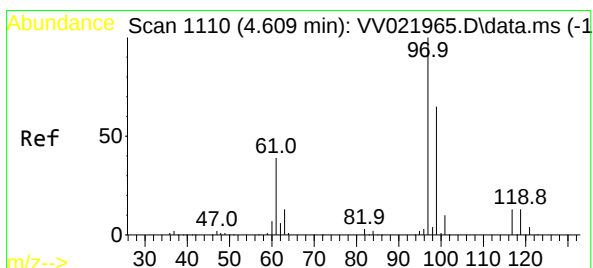
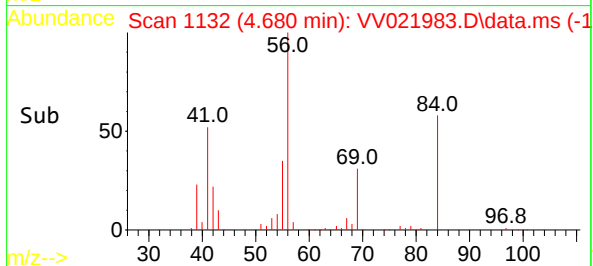
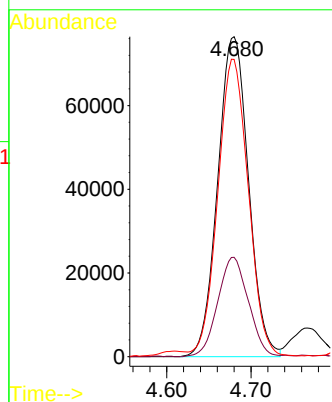
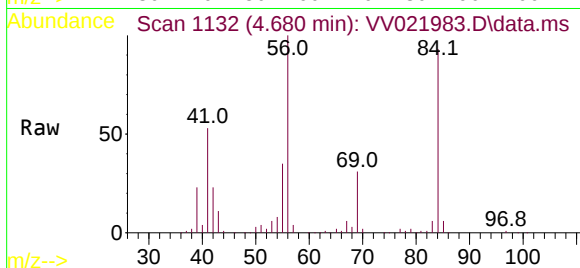
Delta R.T. 0.003 min

Lab File: VV021983.D

Acq: 27 Aug 2021 18:05

Tgt Ion: 56 Resp: 194342

Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.2	37.8
84	91.5	74.6	111.8



#30

1,1,1-Trichloroethane

Concen: 47.989 ug/L

RT: 4.609 min Scan# 1110

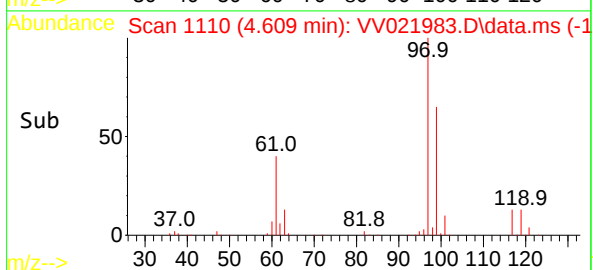
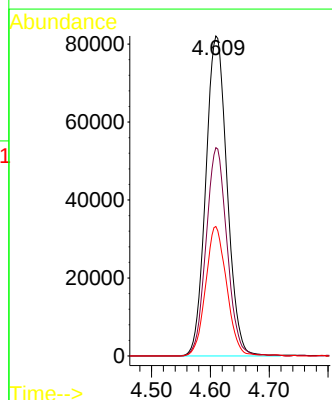
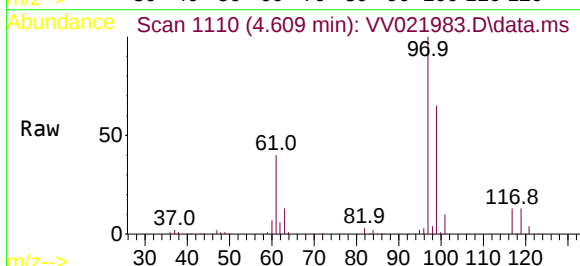
Delta R.T. -0.000 min

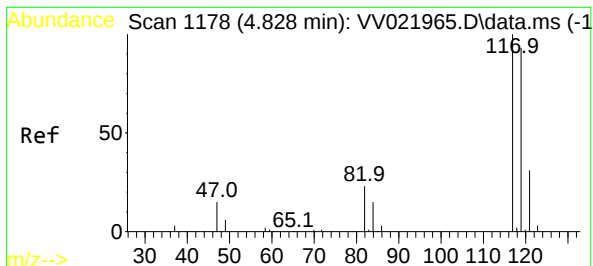
Lab File: VV021983.D

Acq: 27 Aug 2021 18:05

Tgt Ion: 97 Resp: 206751

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	39.9	31.8	47.8

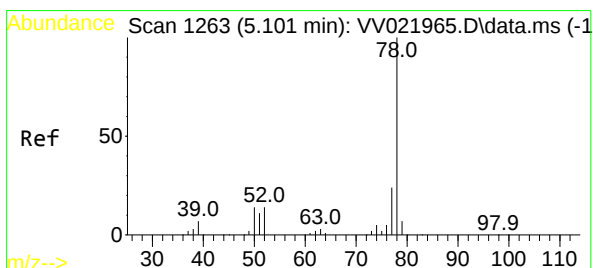
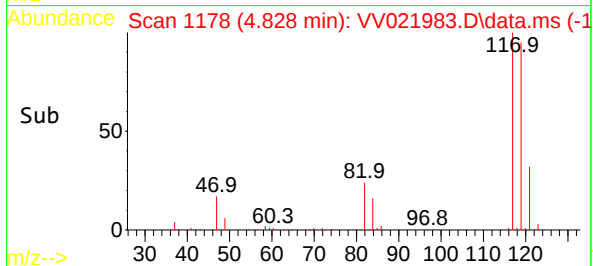
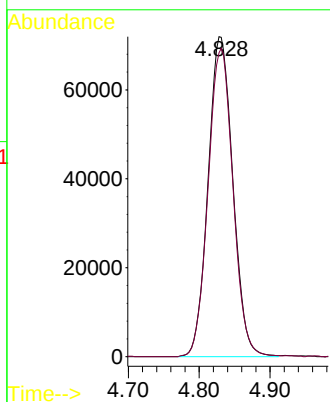
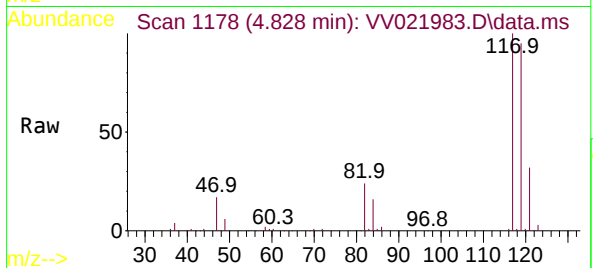




#31
Carbon tetrachloride
Concen: 47.205 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

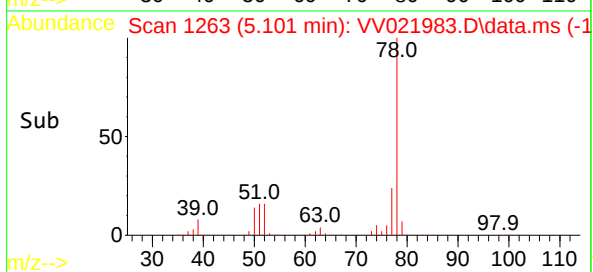
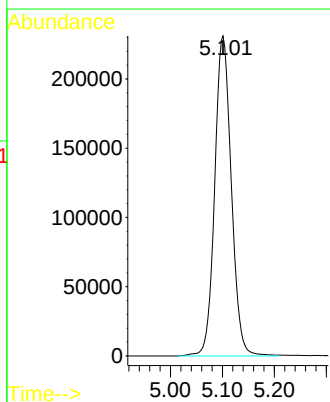
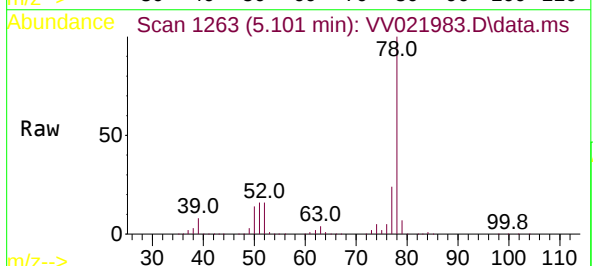
Instrument :
MSVOA_V
ClientSampled :

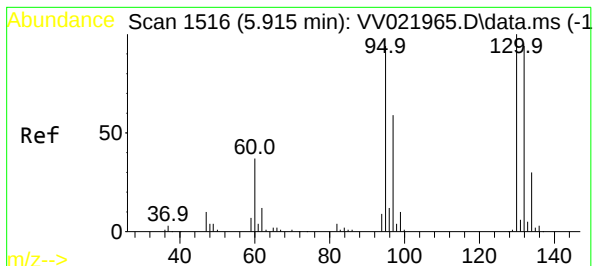
Tgt Ion:117 Resp: 174729
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#33
Benzene
Concen: 48.696 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 78 Resp: 513574

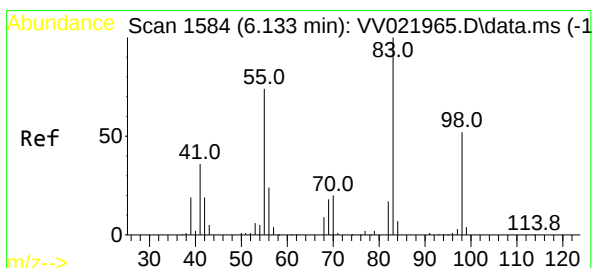
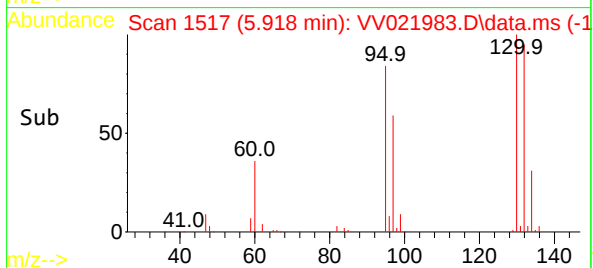
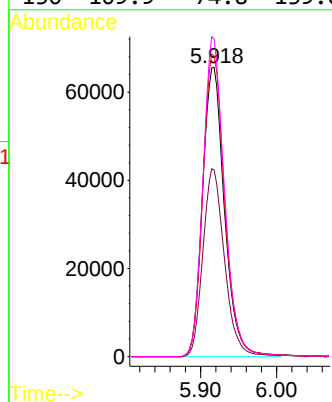
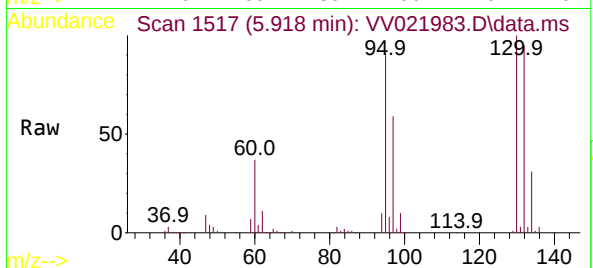




#34
Trichloroethene
Concen: 43.978 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

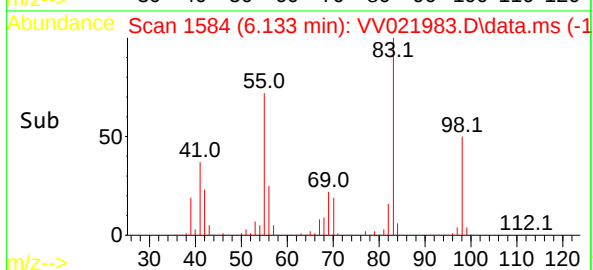
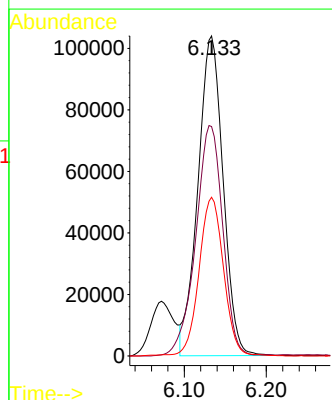
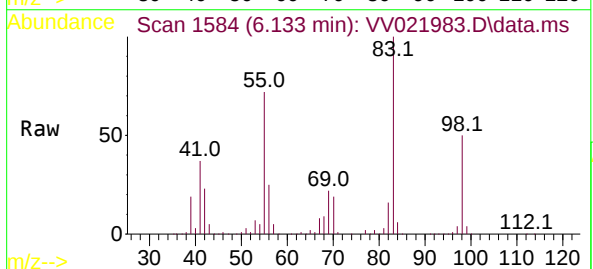
Instrument :
MSVOA_V
ClientSampled :

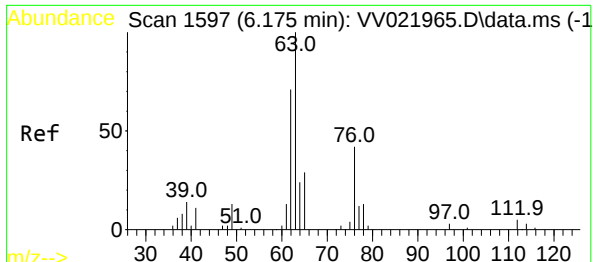
Tgt Ion: 95 Resp: 131381
Ion Ratio Lower Upper
95 100
97 64.6 44.1 81.9
132 104.0 70.7 131.3
130 109.9 74.8 139.0



#35
Methylcyclohexane
Concen: 50.789 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 83 Resp: 221810
Ion Ratio Lower Upper
83 100
55 77.4 56.8 85.2
98 48.0 39.9 59.9

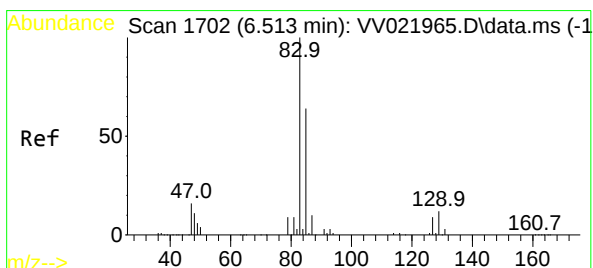
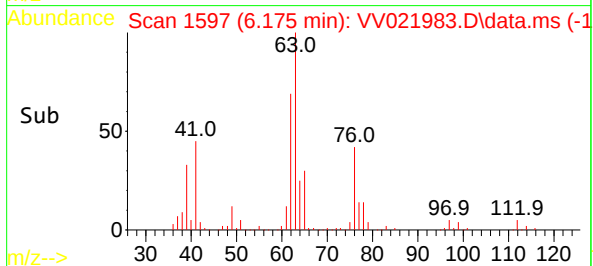
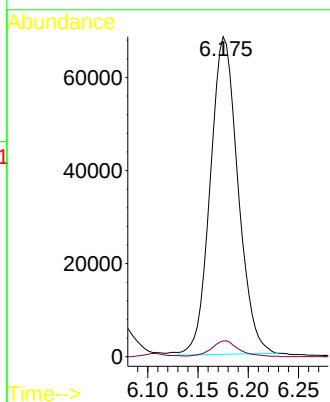
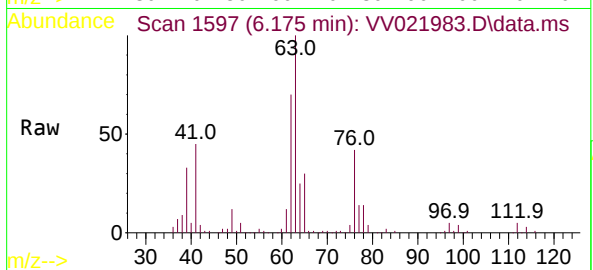




#37
1,2-Dichloropropane
Concen: 47.961 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

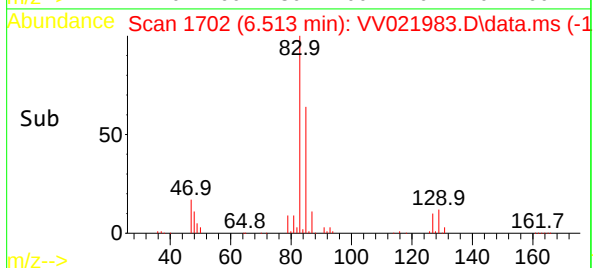
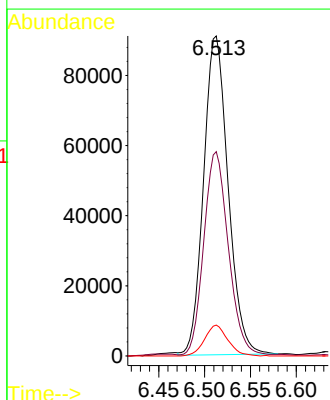
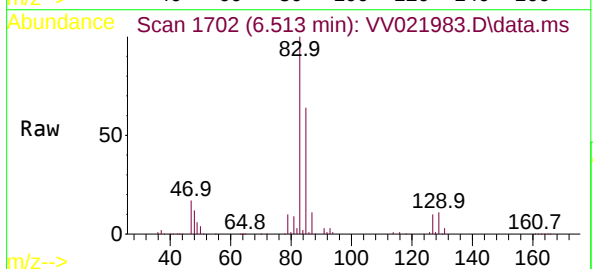
Instrument :
MSVOA_V
ClientSampleId :

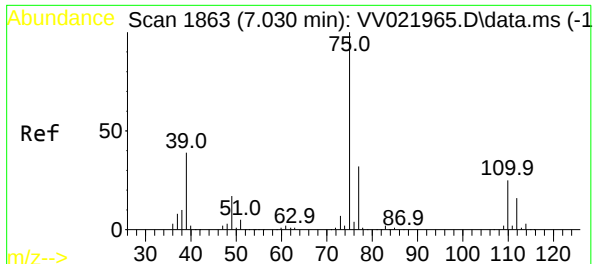
Tgt Ion: 63 Resp: 131118
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 48.474 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 83 Resp: 169471
Ion Ratio Lower Upper
83 100
85 63.9 44.8 83.2
127 9.7 7.3 10.9

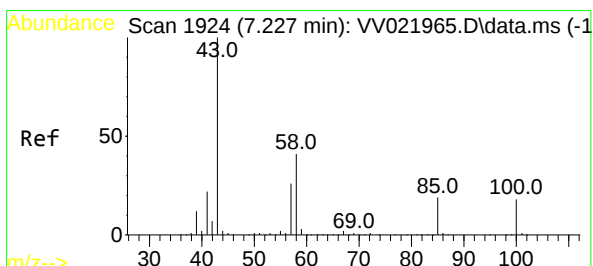
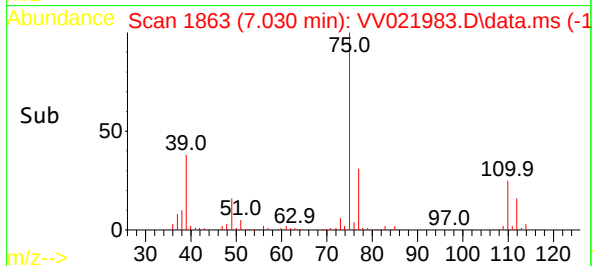
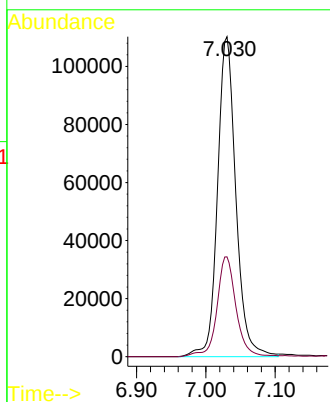
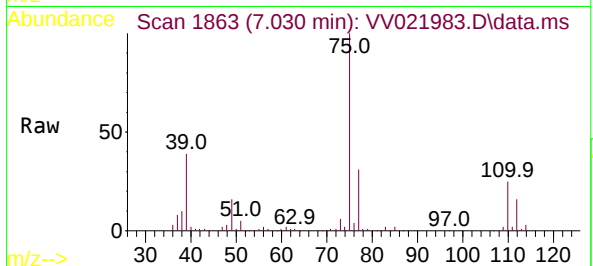




#39
 cis-1,3-Dichloropropene
 Concen: 48.174 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV021983.D
 Acq: 27 Aug 2021 18:05

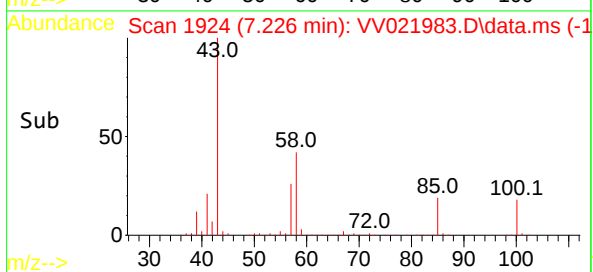
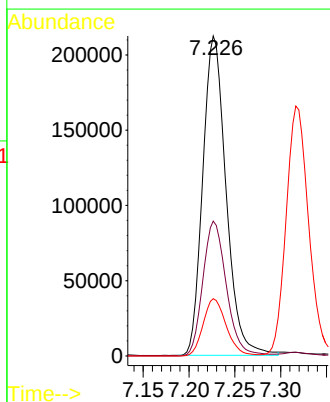
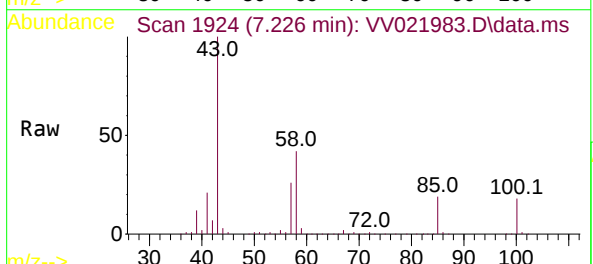
Instrument :
 MSVOA_V
 ClientSampled :

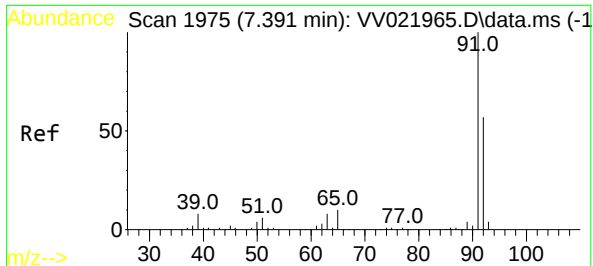
Tgt Ion: 75 Resp: 203335
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 101.445 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021983.D
 Acq: 27 Aug 2021 18:05

Tgt Ion: 43 Resp: 375984
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.3 49.9
 100 17.8 14.5 21.7

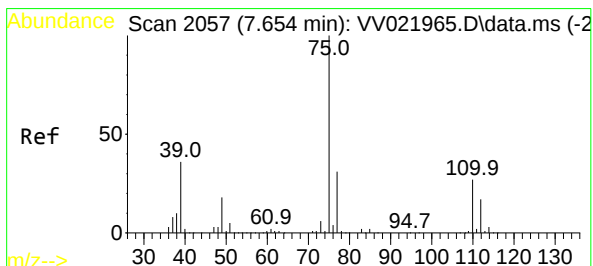
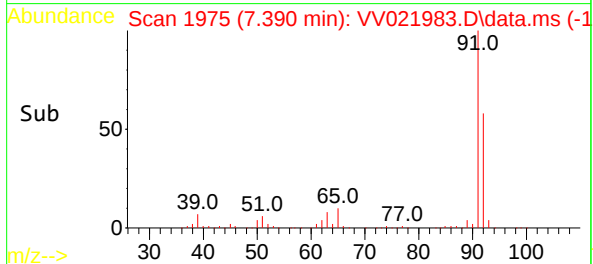
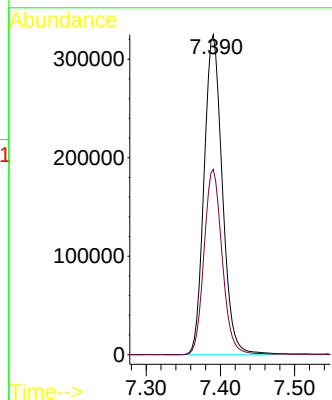
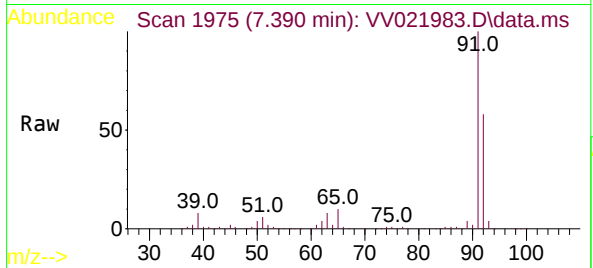




#42
Toluene
Concen: 48.733 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

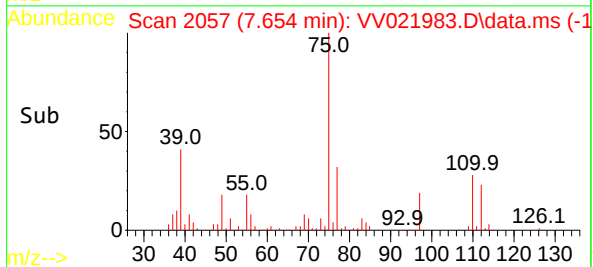
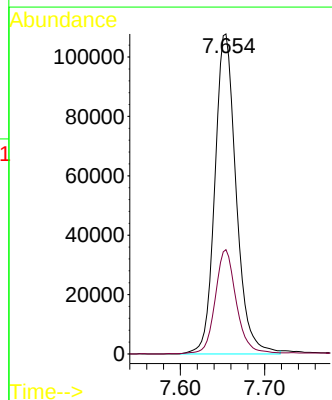
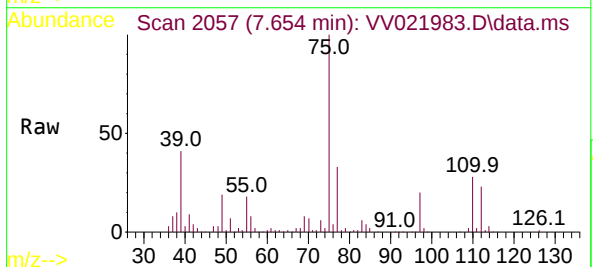
Instrument :
MSVOA_V
ClientSampled :

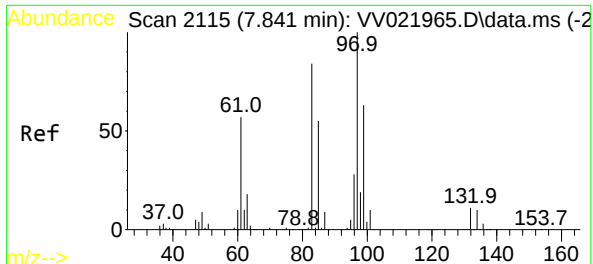
Tgt Ion: 91 Resp: 554713
Ion Ratio Lower Upper
91 100
92 57.9 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 48.146 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 75 Resp: 189136
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6



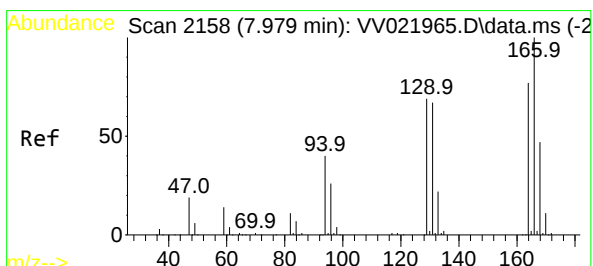
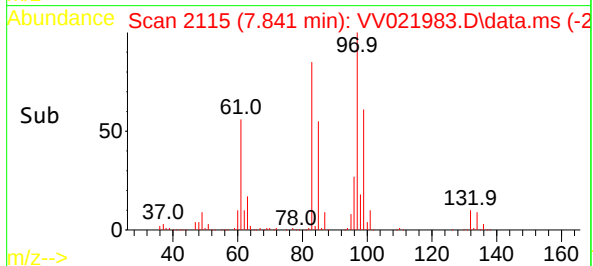
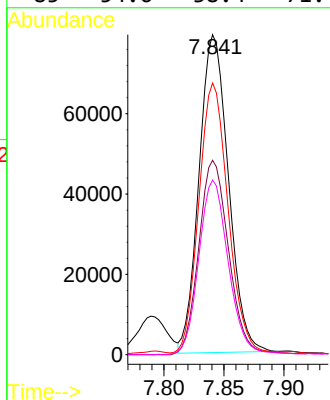
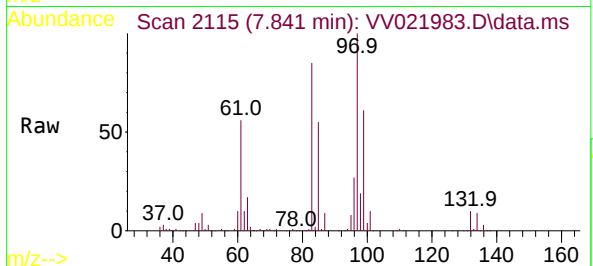


#45
1,1,2-Trichloroethane
Concen: 48.490 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 134884

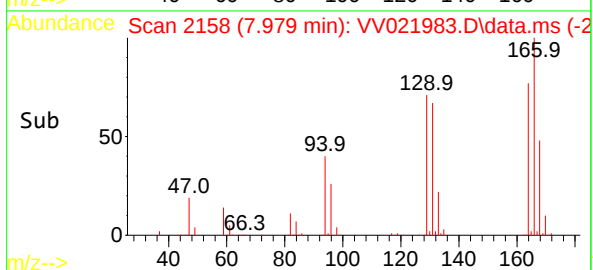
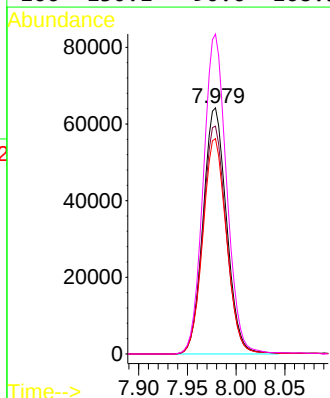
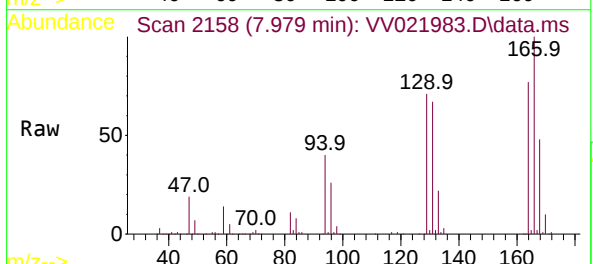
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.8	81.4
83	84.9	58.8	109.2
85	54.6	38.4	71.4

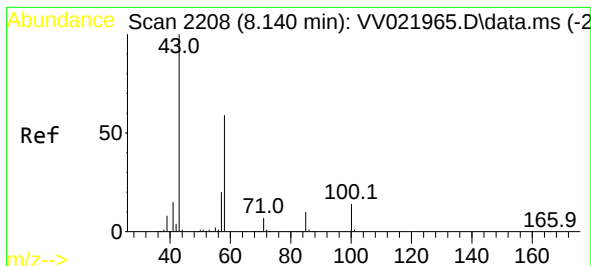


#46
Tetrachloroethene
Concen: 46.341 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 164 Resp: 107645

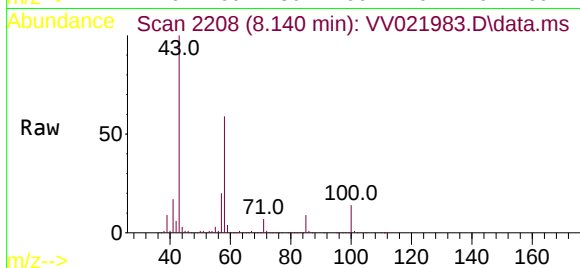
Ion	Ratio	Lower	Upper
164	100		
129	92.6	62.9	116.9
131	87.5	61.0	113.4
166	130.1	90.6	168.3



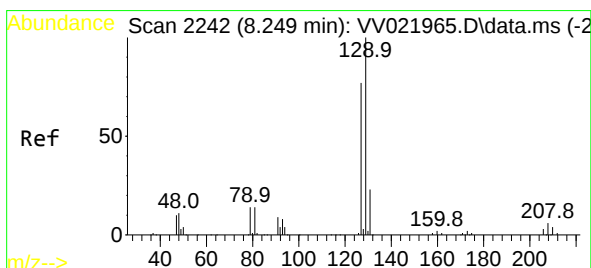
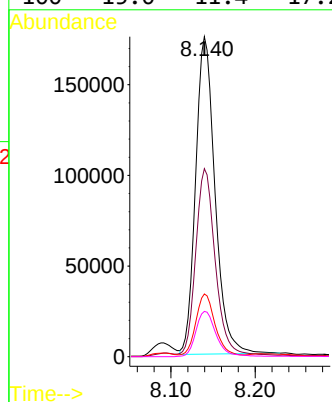
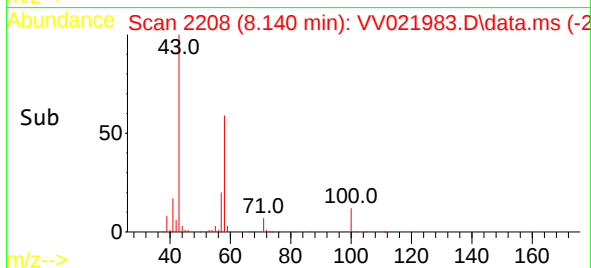


#48
2-Hexanone
Concen: 97.678 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

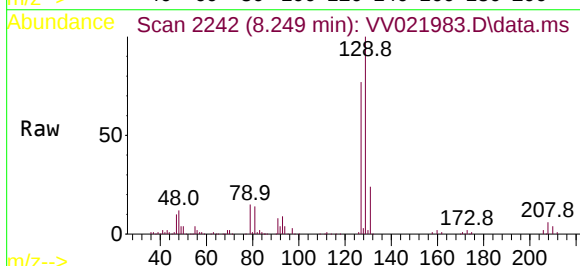
Instrument :
MSVOA_V
ClientSampled :



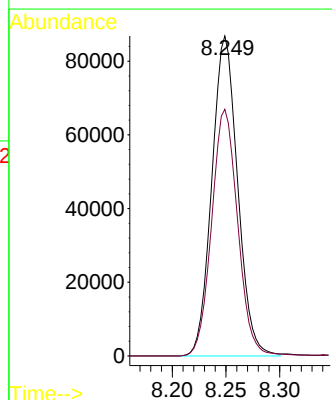
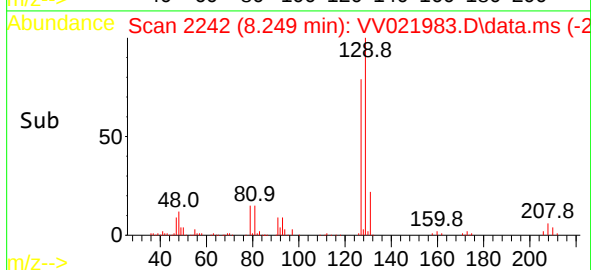
Tgt Ion: 43 Resp: 280892
Ion Ratio Lower Upper
43 100
58 59.4 47.5 71.3
57 18.7 15.9 23.9
100 15.0 11.4 17.2

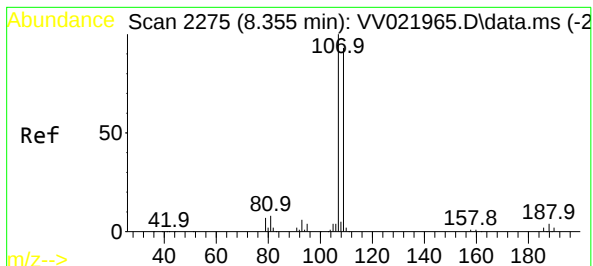


#49
Dibromochloromethane
Concen: 48.673 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05



Tgt Ion: 129 Resp: 144926
Ion Ratio Lower Upper
129 100
127 77.1 54.1 100.5

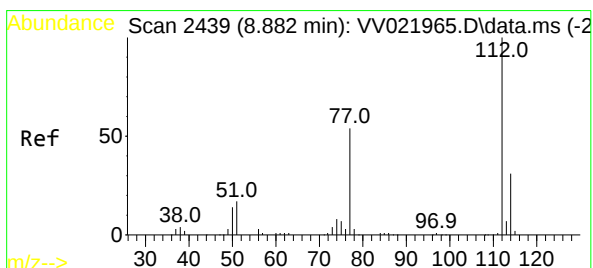
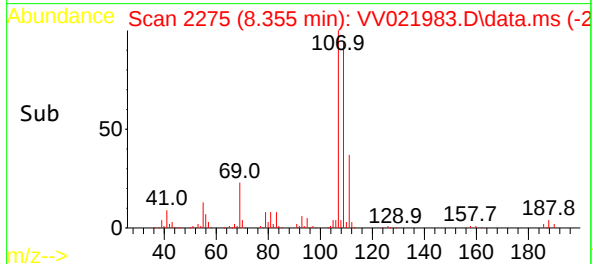
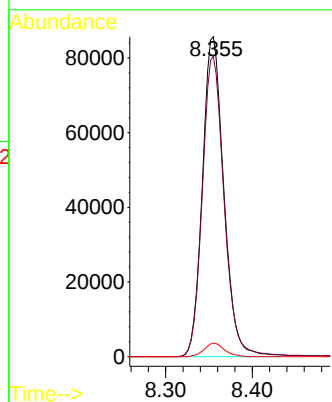
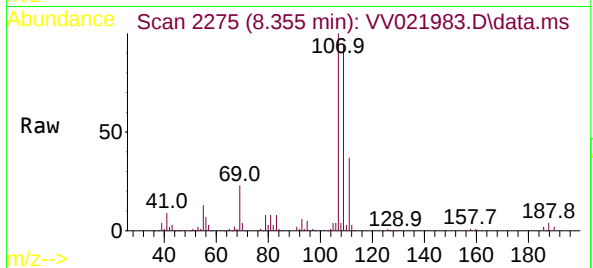




#50
1,2-Dibromoethane
Concen: 49.248 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

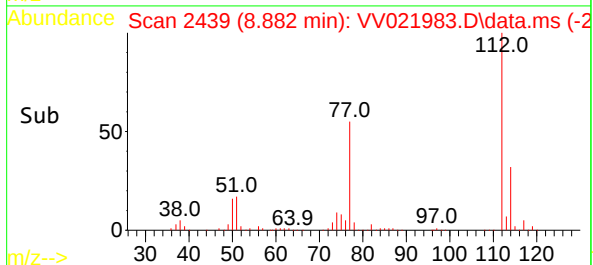
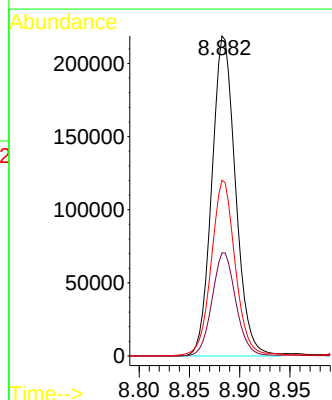
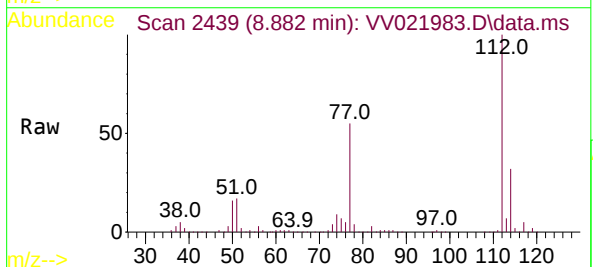
Instrument :
MSVOA_V
ClientSampled :

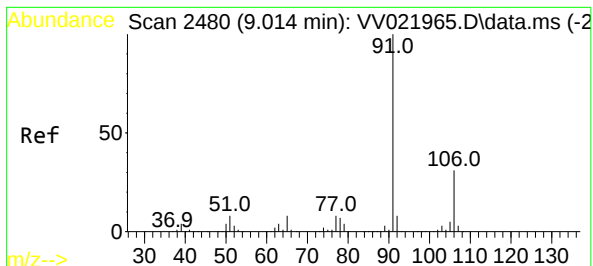
Tgt Ion:107 Resp: 147024
Ion Ratio Lower Upper
107 100
109 93.9 65.5 121.6
188 4.3 3.2 4.8



#51
Chlorobenzene
Concen: 46.913 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:112 Resp: 359032
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 54.9 43.2 64.8





#52

Ethylbenzene

Concen: 47.969 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV021983.D

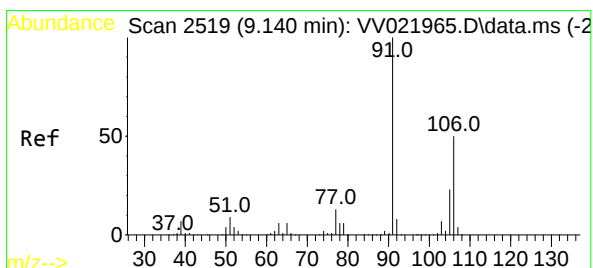
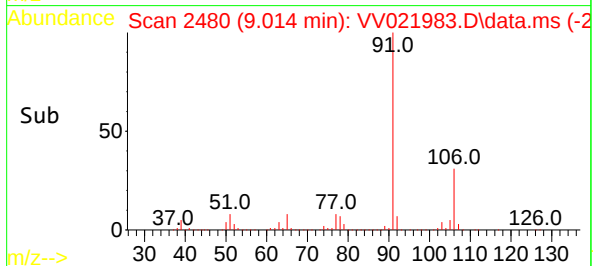
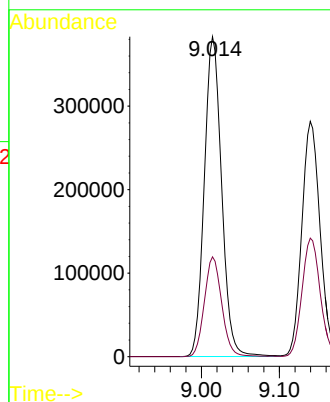
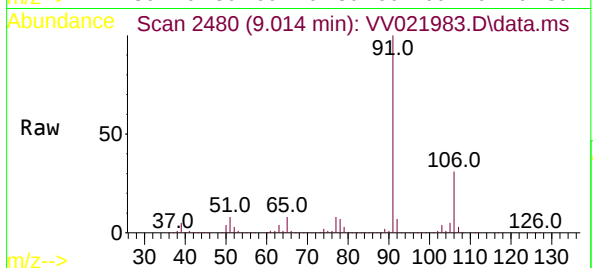
Acq: 27 Aug 2021 18:05

Tgt Ion: 91 Resp: 591076

Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



#53

m,p-Xylene

Concen: 48.178 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV021983.D

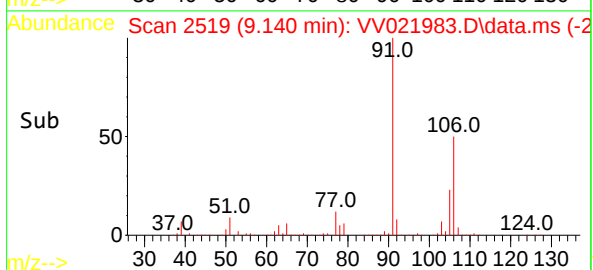
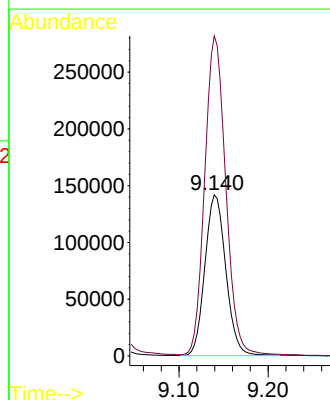
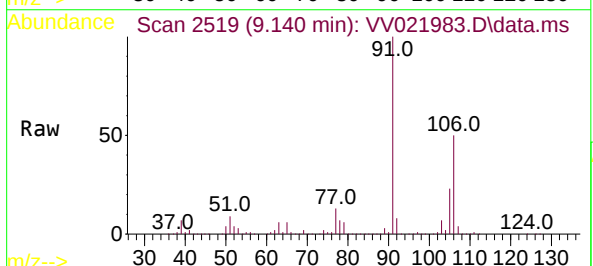
Acq: 27 Aug 2021 18:05

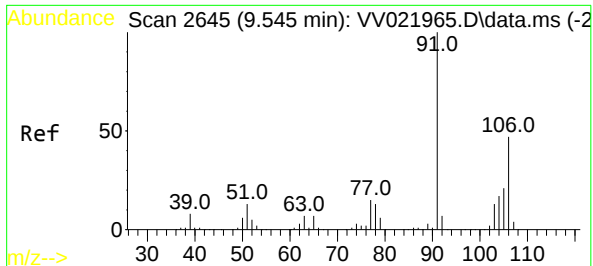
Tgt Ion: 106 Resp: 230741

Ion Ratio Lower Upper

106 100

91 198.6 139.1 258.3

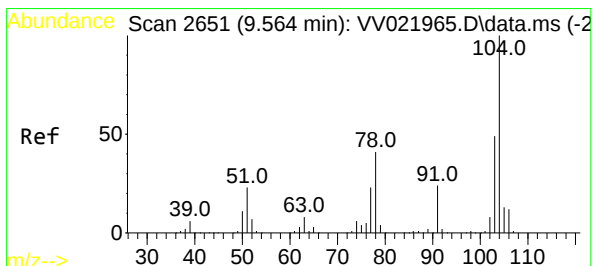
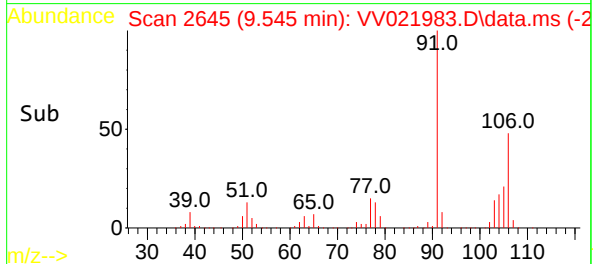
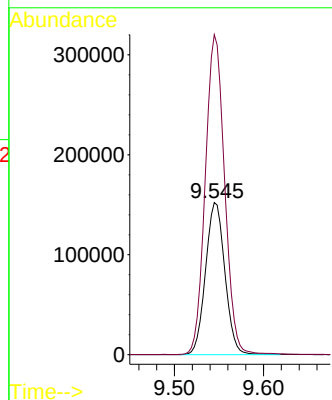
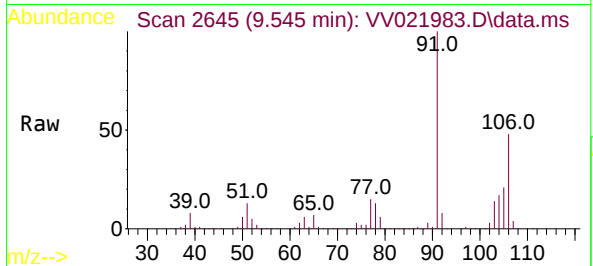




#54
o-Xylene
Concen: 48.541 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

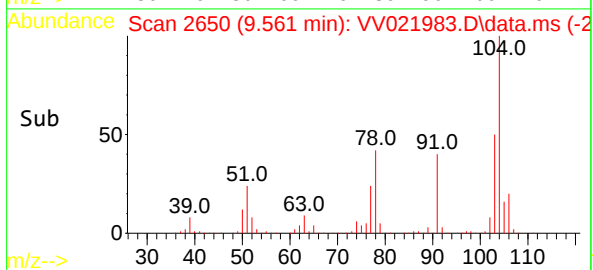
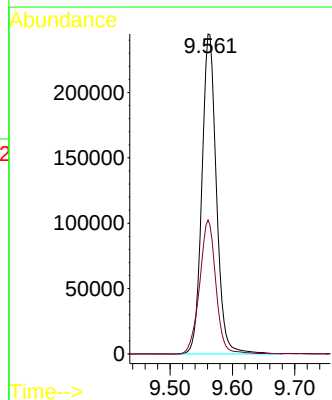
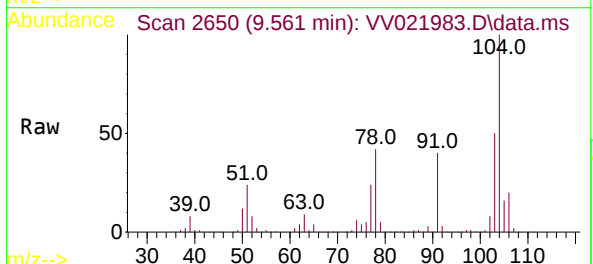
Instrument :
MSVOA_V
ClientSampled :

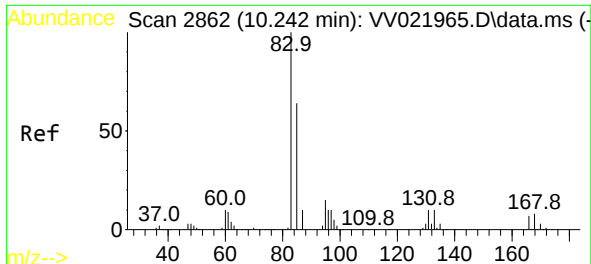
Tgt Ion:106 Resp: 230026
Ion Ratio Lower Upper
106 100
91 210.3 150.1 278.9



#55
Styrene
Concen: 49.162 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:104 Resp: 397578
Ion Ratio Lower Upper
104 100
78 41.9 28.6 53.2

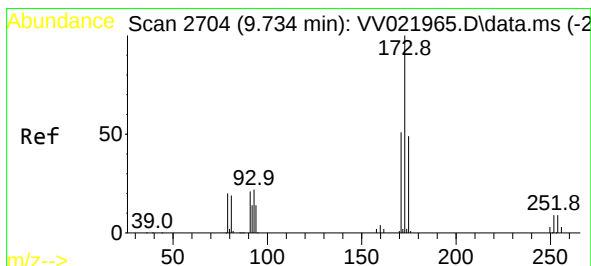
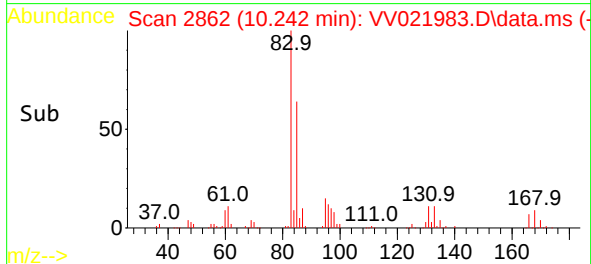
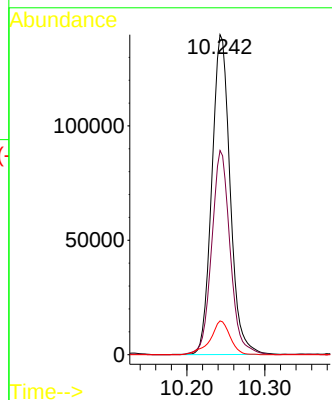
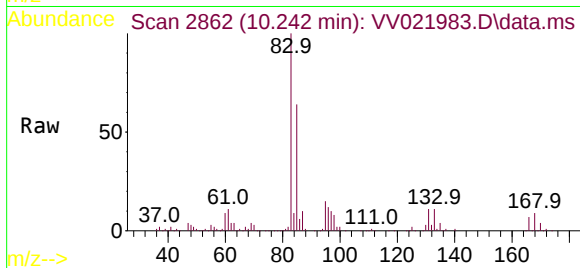




#57
1,1,2,2-Tetrachloroethane
Concen: 56.737 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

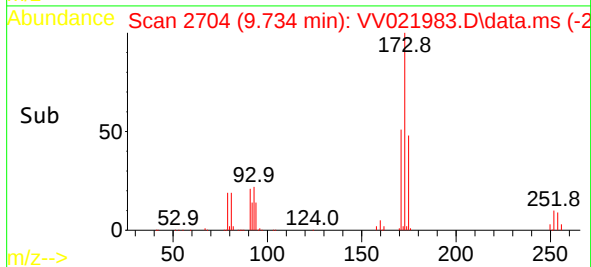
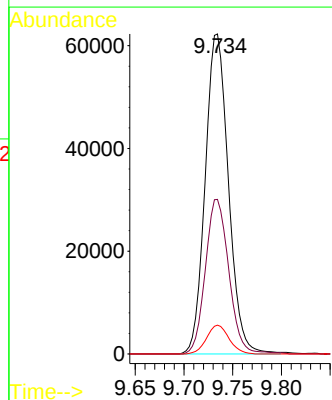
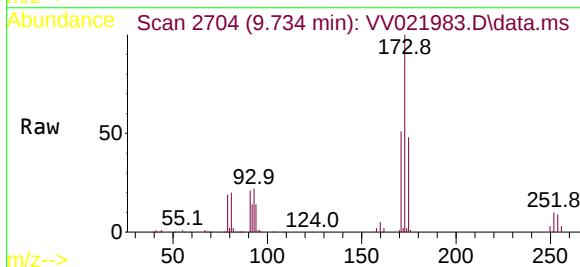
Instrument :
MSVOA_V
ClientSampleId :

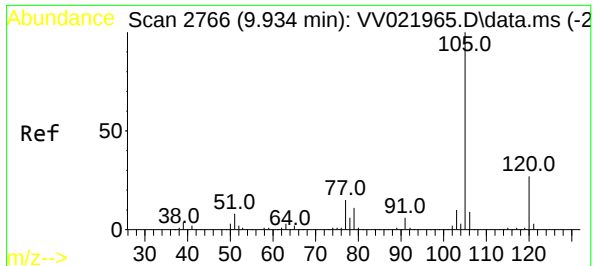
Tgt Ion: 83 Resp: 228668
Ion Ratio Lower Upper
83 100
85 63.8 44.7 83.1
131 10.5 8.2 12.2



#59
Bromoform
Concen: 48.910 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 173 Resp: 103413
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 8.7 7.0 10.4

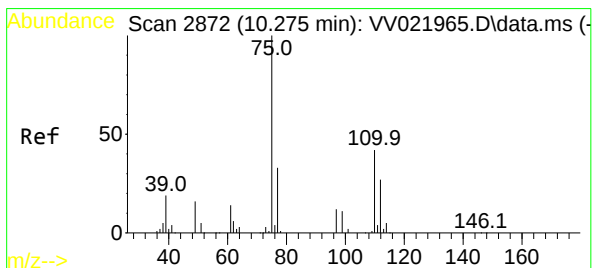
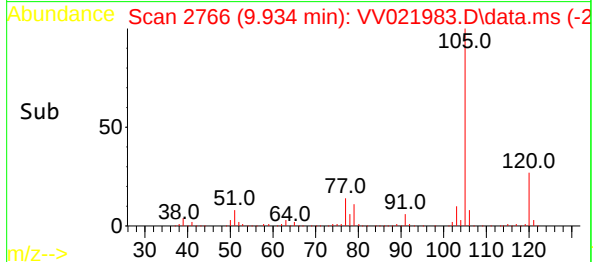
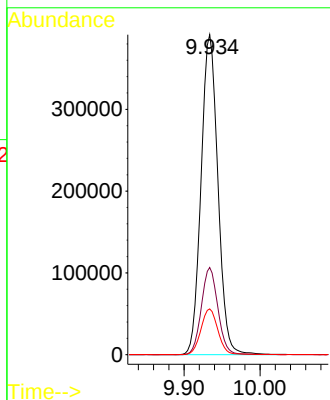
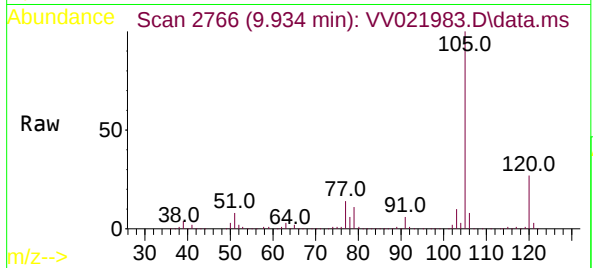




#60
Isopropylbenzene
Concen: 48.094 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

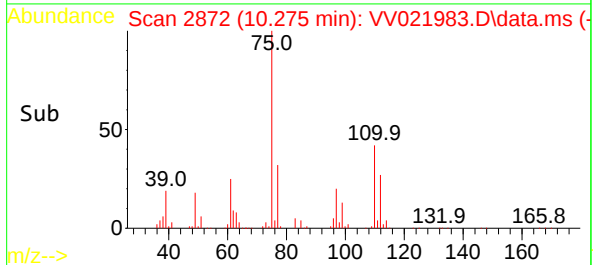
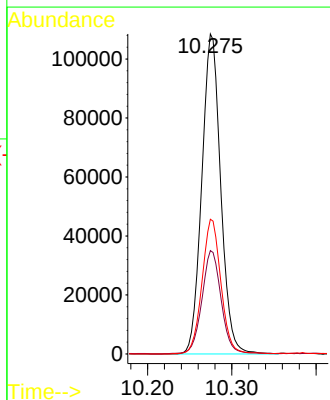
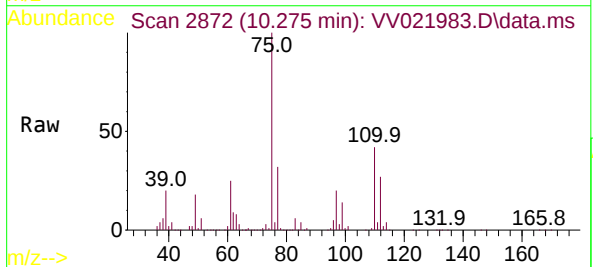
Instrument :
MSVOA_V
ClientSampleId :

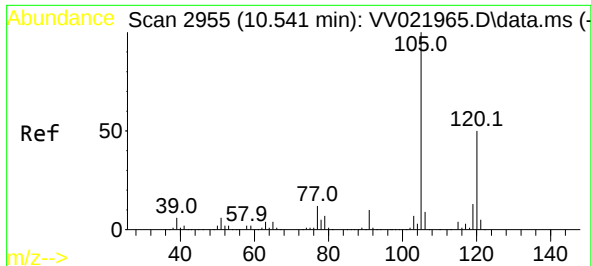
Tgt Ion:105 Resp: 601596
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 49.129 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

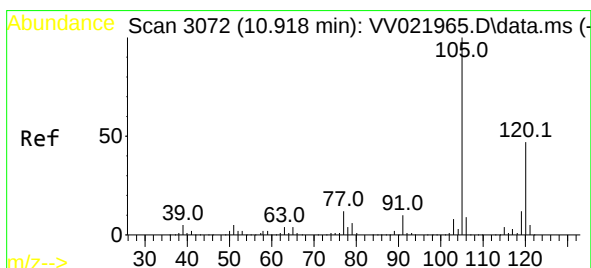
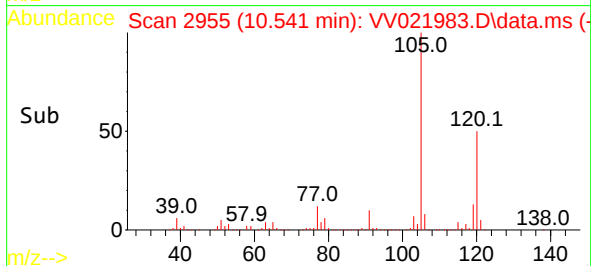
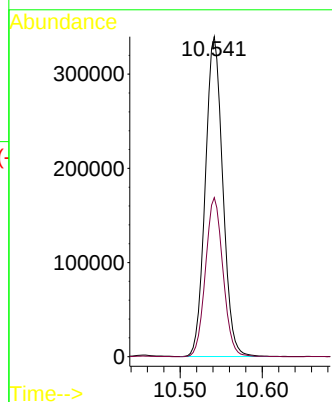
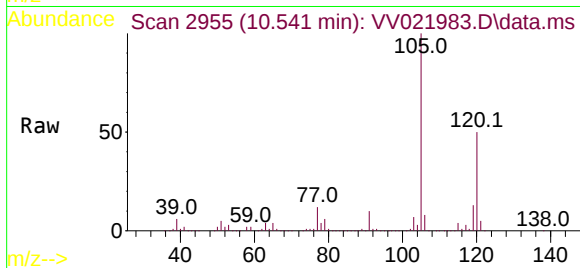
Tgt Ion: 75 Resp: 169505
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 42.2 33.8 50.6





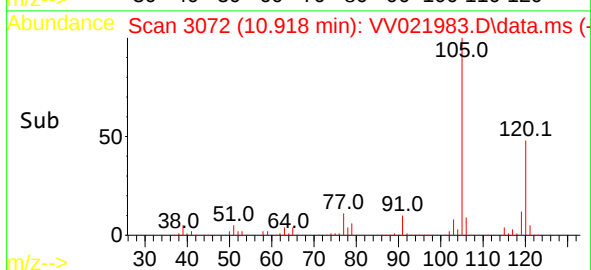
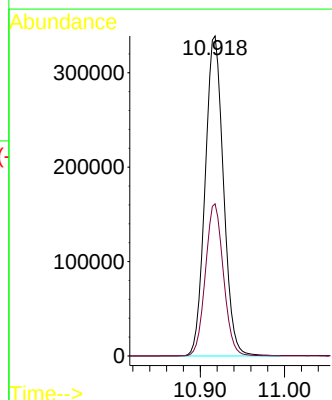
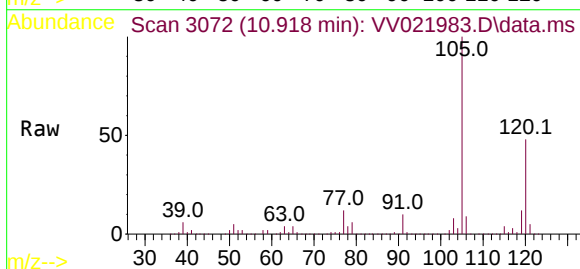
#62
1,3,5-Trimethylbenzene
Concen: 47.856 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

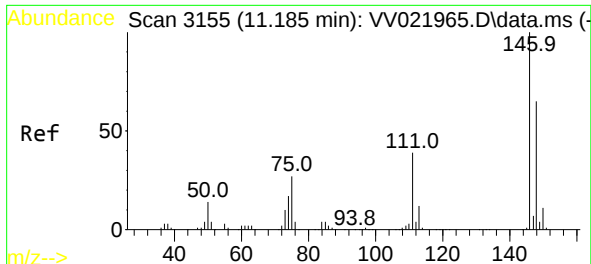
Tgt Ion:105 Resp: 502560
Ion Ratio Lower Upper
105 100
120 49.9 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 48.138 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:105 Resp: 513824
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0

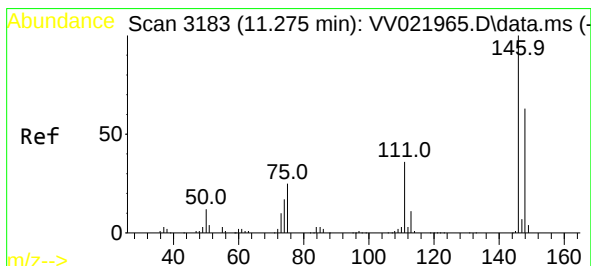
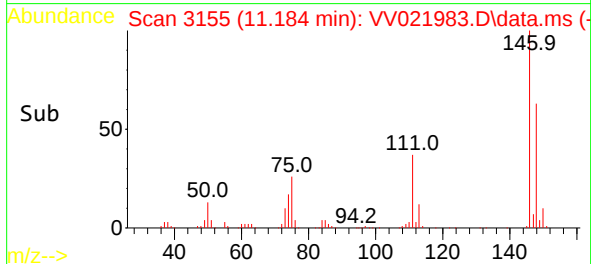
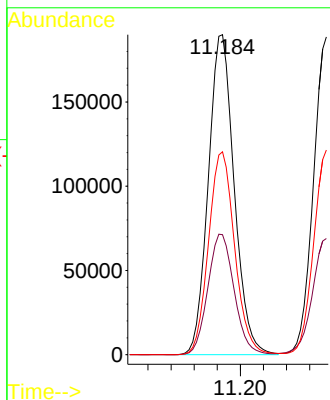
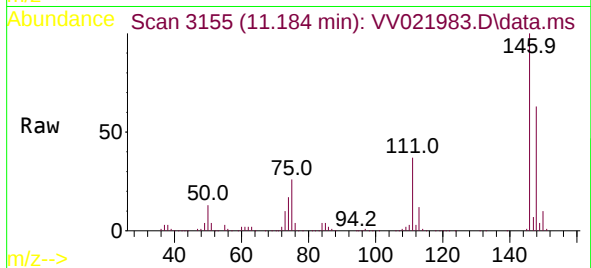




#64
1,3-Dichlorobenzene
Concen: 46.568 ug/L
RT: 11.184 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

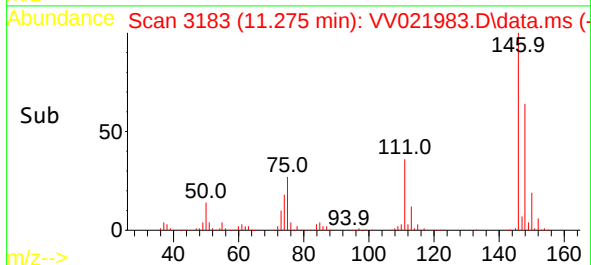
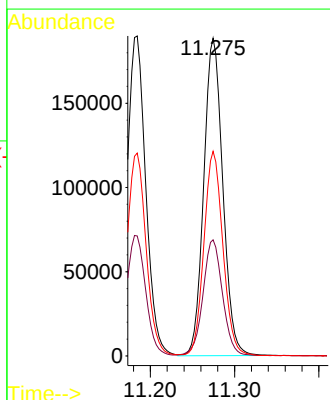
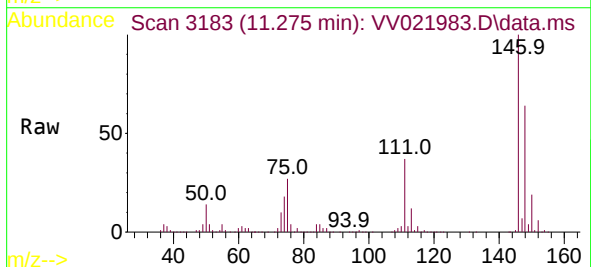
Instrument :
MSVOA_V
ClientSampled :

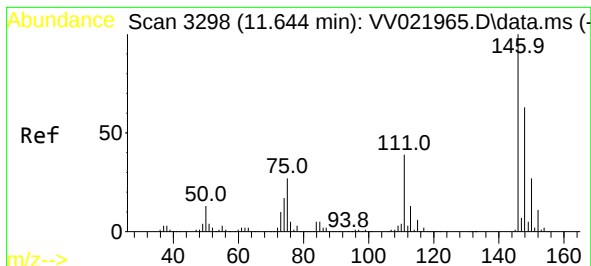
Tgt Ion:146 Resp: 295756
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 63.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 45.630 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:146 Resp: 296546
Ion Ratio Lower Upper
146 100
111 36.6 25.3 46.9
148 64.4 44.4 82.5

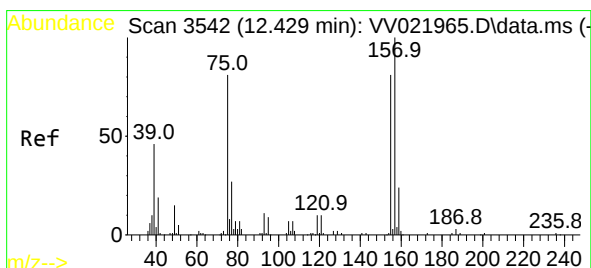
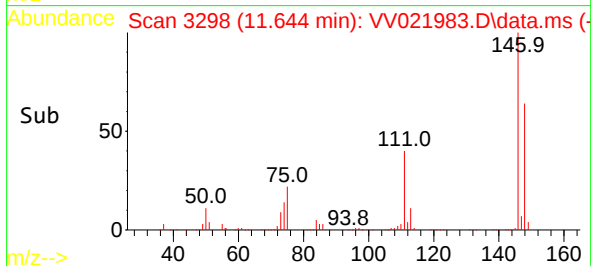
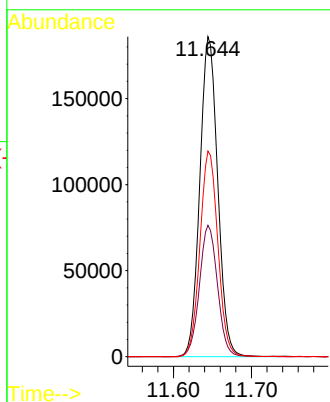
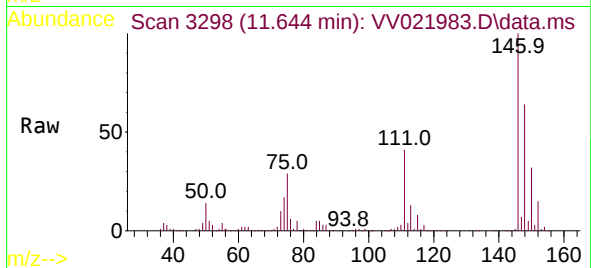




#67
1,2-Dichlorobenzene
Concen: 47.064 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

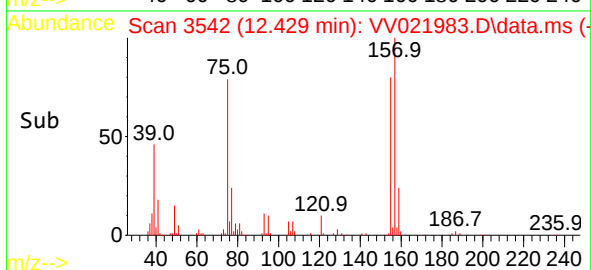
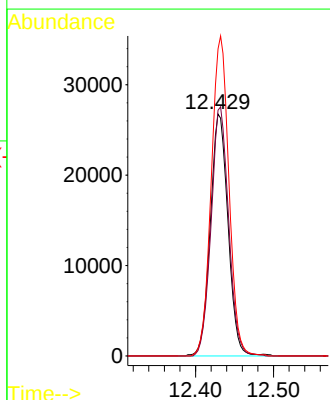
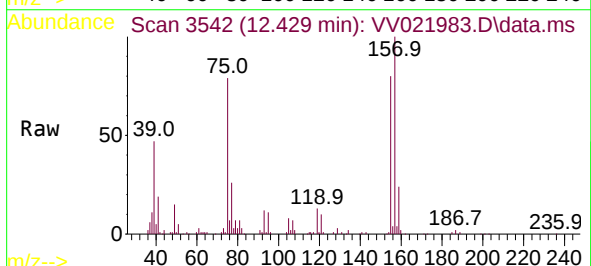
Instrument :
MSVOA_V
ClientSampled :

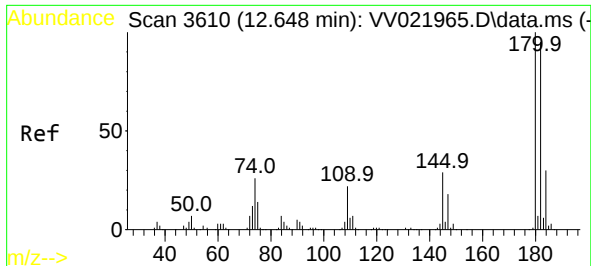
Tgt Ion:146 Resp: 296791
Ion Ratio Lower Upper
146 100
111 41.0 31.6 47.4
148 64.2 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 50.937 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion: 75 Resp: 42355
Ion Ratio Lower Upper
75 100
155 101.6 79.8 119.6
157 126.9 98.3 147.5

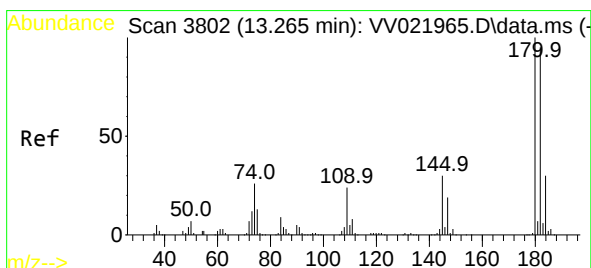
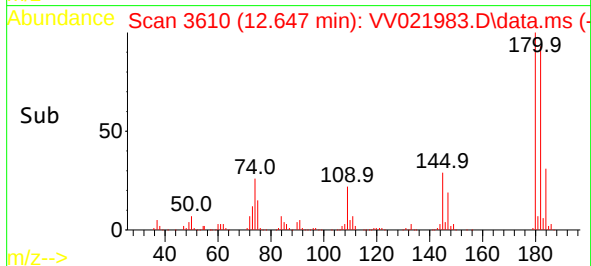
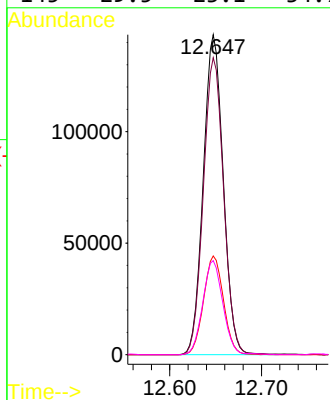
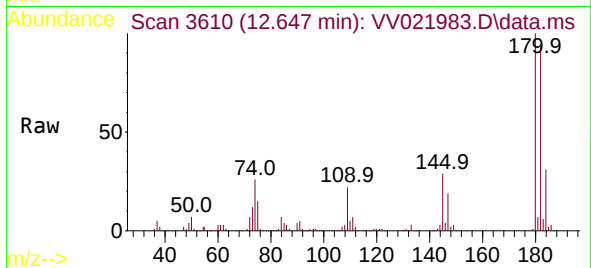




#69
1,3,5-Trichlorobenzene
Concen: 45.709 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

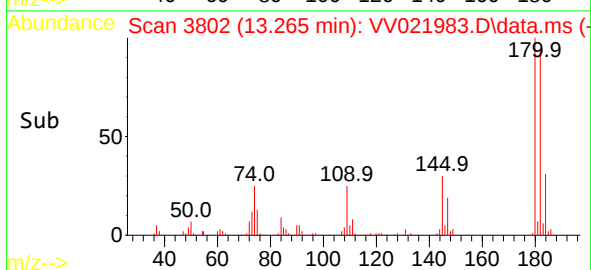
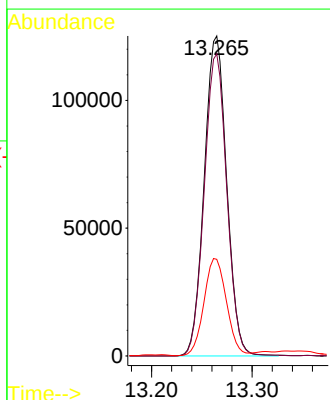
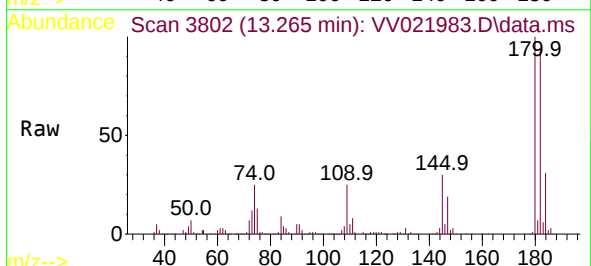
Instrument :
MSVOA_V
ClientSampled :

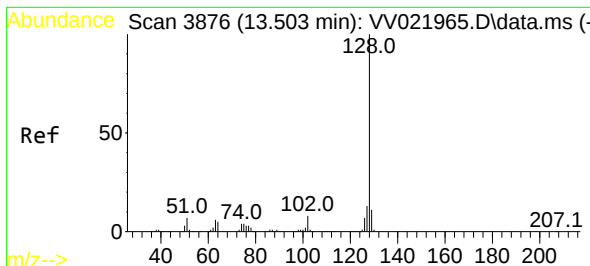
Tgt Ion:180 Resp: 217071
Ion Ratio Lower Upper
180 100
182 94.2 76.4 114.6
184 30.8 24.0 36.0
145 29.5 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 46.483 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:180 Resp: 194186
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 30.5 23.8 35.6

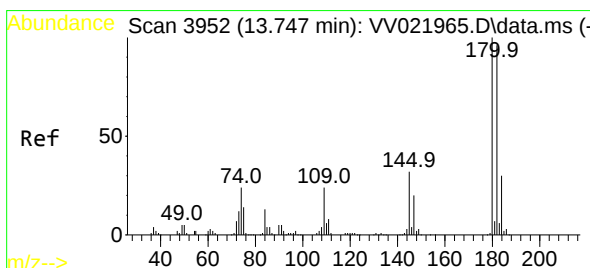
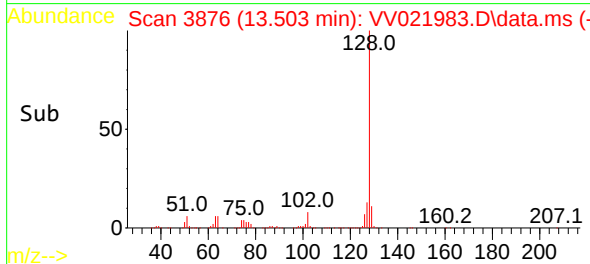
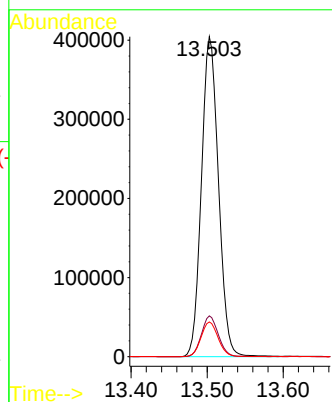
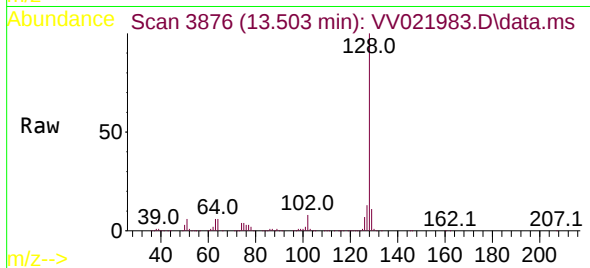




#71
Naphthalene
Concen: 52.226 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 627613
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.665 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV021983.D
Acq: 27 Aug 2021 18:05

Tgt Ion:180 Resp: 194221
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 35.0 25.4 38.0

