

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082621\
 Data File : VV021961.D
 Acq On : 26 Aug 2021 16:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 27 03:46:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	430973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	407774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	227628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106305	31.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.100%
7) Chloroethane-d5	1.561	69	92479	36.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.740%
11) 1,1-Dichloroethene-d2	2.108	63	194223	36.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.440%
21) 2-Butanone-d5	3.876	46	193582	92.383	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.380%
24) Chloroform-d	4.349	84	256489	43.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.034	65	154584	46.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
32) Benzene-d6	5.050	84	519579	44.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
36) 1,2-Dichloropropane-d6	6.072	67	162783	44.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	7.317	98	503417	46.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	7.622	79	81434	45.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.620%
47) 2-Hexanone-d5	8.088	63	133879	111.862	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	228538	50.504	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	217564	46.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142188	42.645	ug/L	99
3) Chloromethane	1.243	50	136062	39.294	ug/L	99
5) Vinyl chloride	1.310	62	143621	42.122	ug/L	100
6) Bromomethane	1.513	94	94175	45.953	ug/L	100
8) Chloroethane	1.581	64	89753	44.051	ug/L	99
9) Trichlorofluoromethane	1.751	101	210321	45.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116838	43.683	ug/L	95
12) 1,1-Dichloroethene	2.118	96	112578	44.190	ug/L	86
13) Acetone	2.159	43	128499	74.528	ug/L #	100
14) Carbon disulfide	2.291	76	349677	40.793	ug/L	99
15) Methyl Acetate	2.426	43	153358	48.416	ug/L	97
16) Methylene chloride	2.507	84	160692	45.347	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	145464	48.659	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	469297	51.045	ug/L	98
19) 1,1-Dichloroethane	3.188	63	253119	47.566	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	161532	46.663	ug/L	98
22) 2-Butanone	3.960	43	211453	84.212	ug/L	98
23) Bromochloromethane	4.249	128	85390	46.493	ug/L	94
25) Chloroform	4.378	83	271605	47.434	ug/L	98

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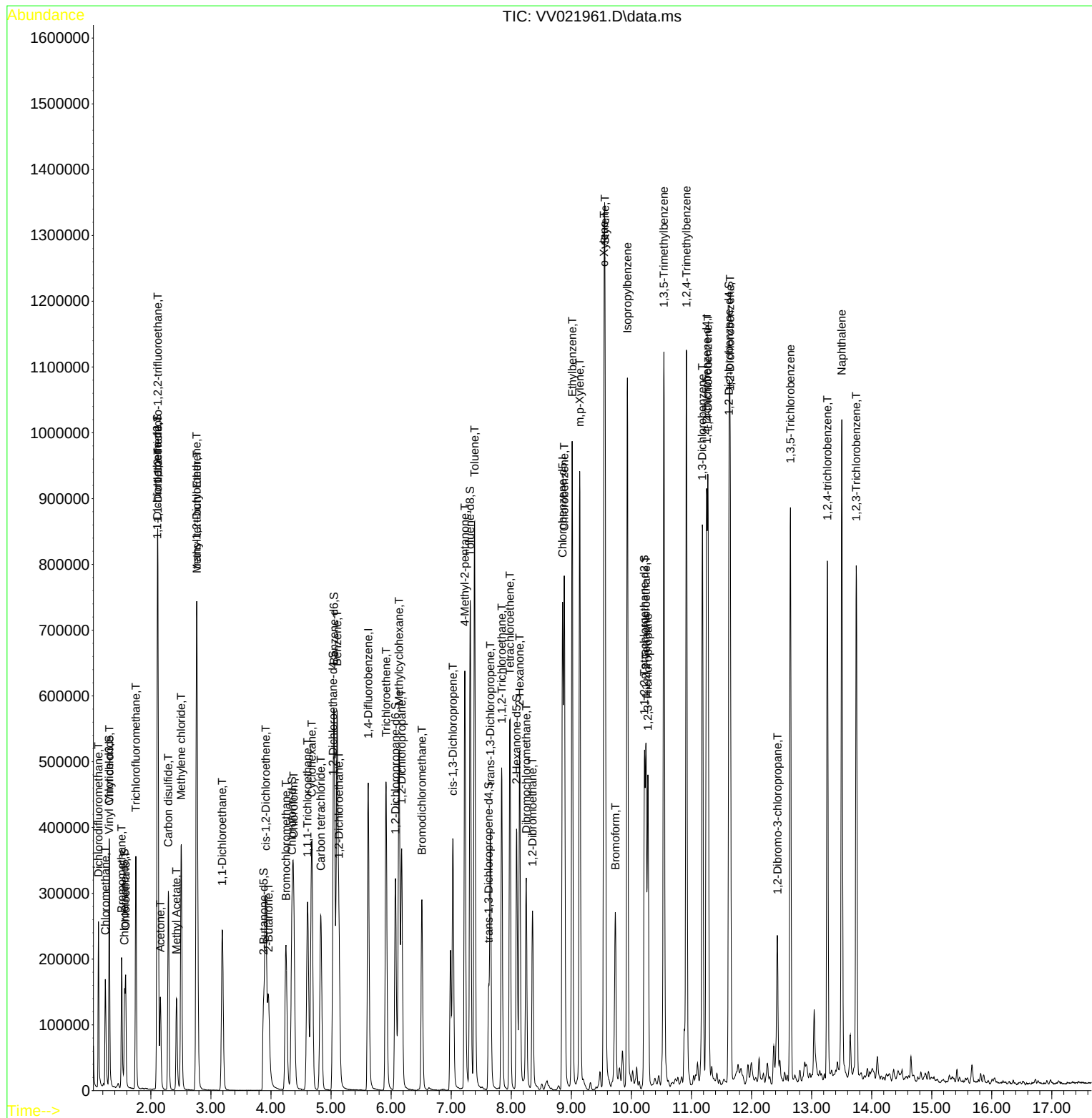
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	189142	46.883	ug/L	100
29) Cyclohexane	4.680	56	219827	43.772	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	240202	47.075	ug/L	99
31) Carbon tetrachloride	4.828	117	206261	46.717	ug/L	100
33) Benzene	5.101	78	577165	45.995	ug/L	100
34) Trichloroethene	5.915	95	164674	45.666	ug/L	98
35) Methylcyclohexane	6.133	83	233896	44.460	ug/L	98
37) 1,2-Dichloropropane	6.175	63	149113	46.929	ug/L	100
38) Bromodichloromethane	6.513	83	192773	46.032	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	242469	48.192	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	406680	93.046	ug/L	98
42) Toluene	7.391	91	642418	47.934	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	224649	47.379	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	154413	48.512	ug/L	98
46) Tetrachloroethene	7.979	164	134214	50.081	ug/L	98
48) 2-Hexanone	8.140	43	297519	87.877	ug/L	95
49) Dibromochloromethane	8.249	129	165485	47.089	ug/L	100
50) 1,2-Dibromoethane	8.355	107	166301	48.011	ug/L	100
51) Chlorobenzene	8.883	112	427435	48.847	ug/L	100
52) Ethylbenzene	9.014	91	700303	48.979	ug/L	100
53) m,p-Xylene	9.140	106	269844	48.696	ug/L	100
54) o-Xylene	9.545	106	266999	48.609	ug/L	98
55) Styrene	9.561	104	469972	51.094	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	232766	52.530	ug/L	100
59) Bromoform	9.735	173	118822	43.912	ug/L	99
60) Isopropylbenzene	9.934	105	715563	46.889	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	190947	45.392	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	603432	47.119	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	619984	47.613	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	357350	48.353	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	356457	48.320	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	351169	47.103	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	48412	47.335	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	267143	49.867	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	248340	55.274	ug/L	100
71) Naphthalene	13.503	128	772599	59.199	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	237215	52.557	ug/L	98

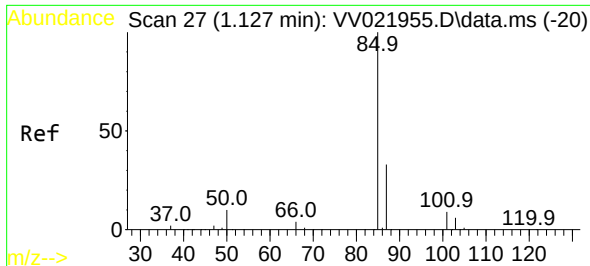
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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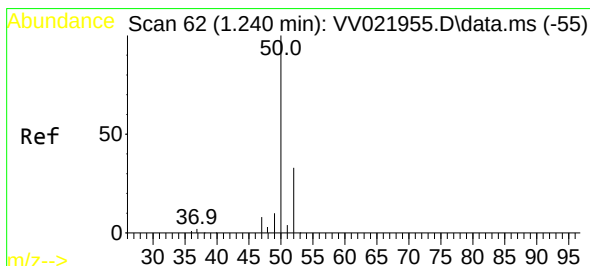
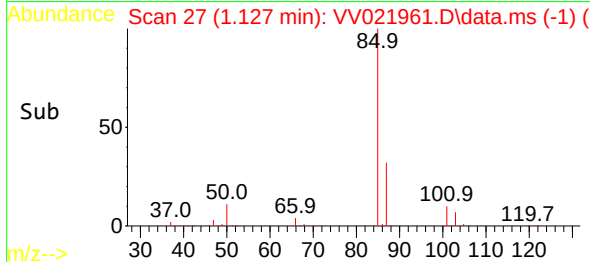
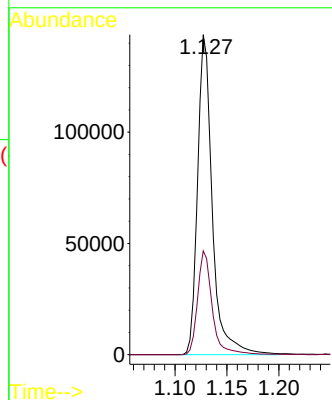
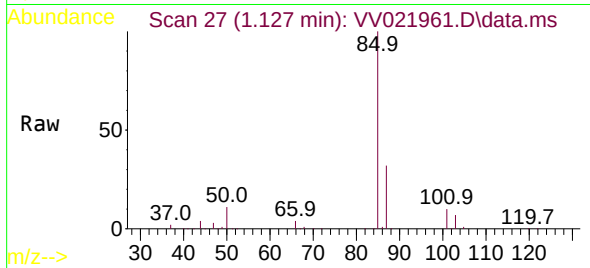




#2
Dichlorodifluoromethane
Concen: 42.645 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

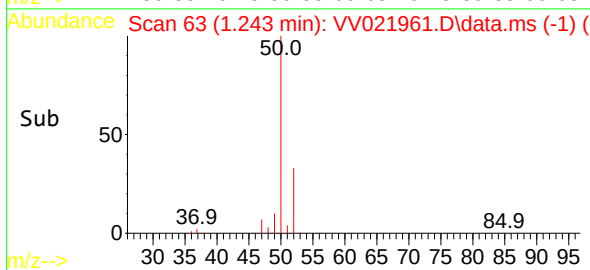
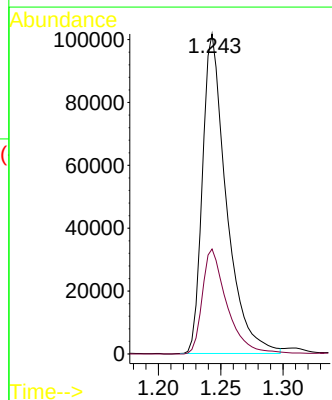
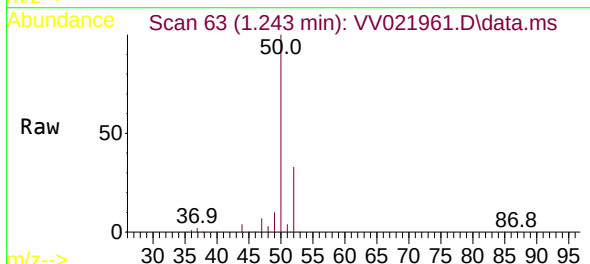
Instrument :
MSVOA_V
ClientSampled :

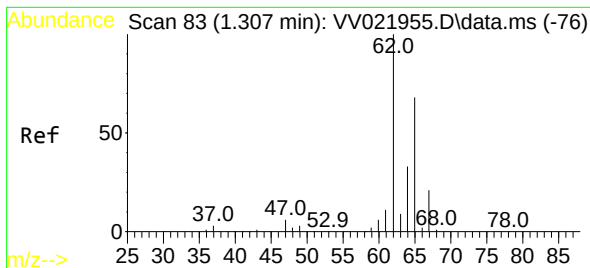
Tgt Ion: 85 Resp: 142188
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 39.294 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 50 Resp: 136062
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

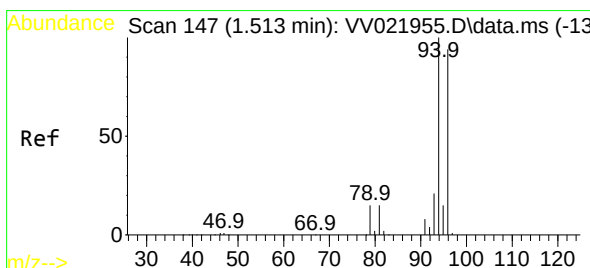
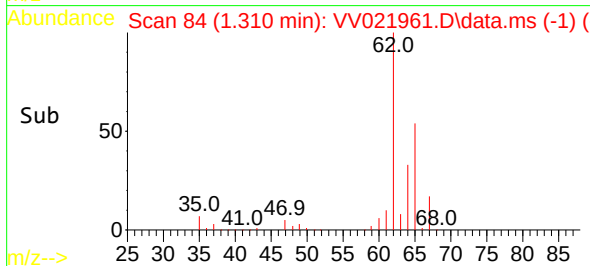
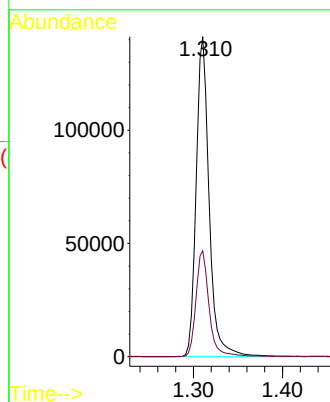
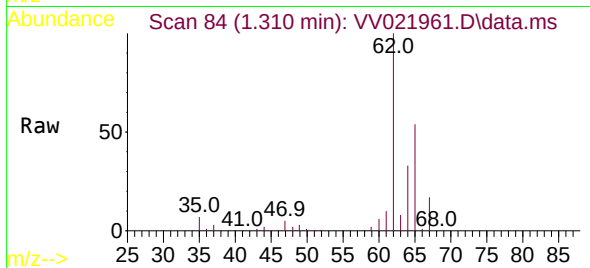




#5
 Vinyl chloride
 Concen: 42.122 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021961.D
 Acq: 26 Aug 2021 16:52

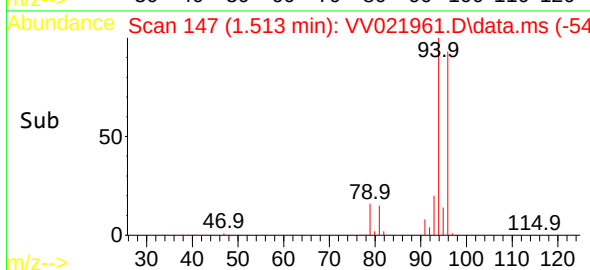
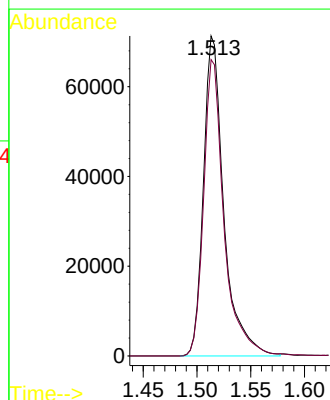
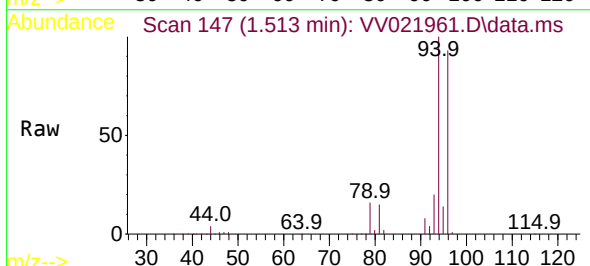
Instrument :
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 ClientSampled :

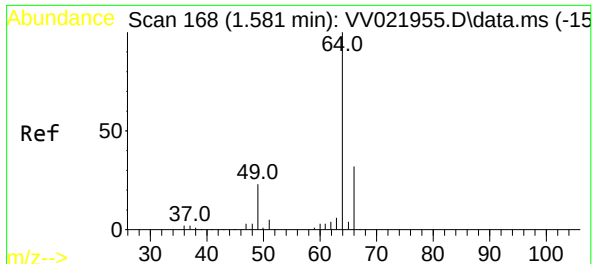
Tgt Ion: 62 Resp: 143621
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 45.953 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV021961.D
 Acq: 26 Aug 2021 16:52

Tgt Ion: 94 Resp: 94175
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.8 120.3

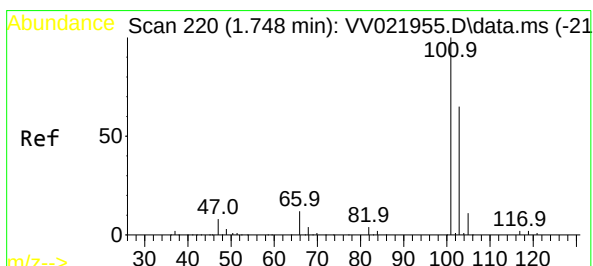
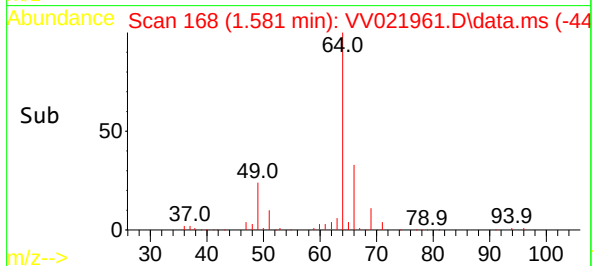
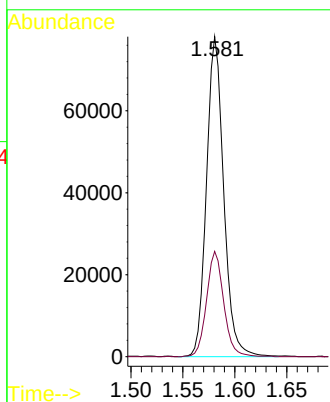
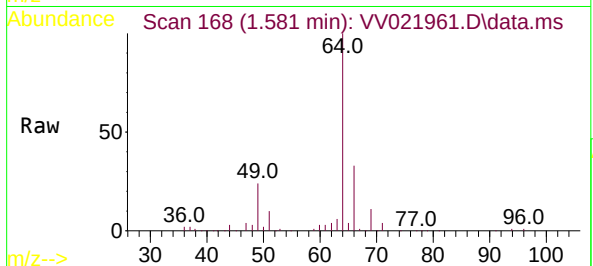




#8
Chloroethane
Concen: 44.051 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

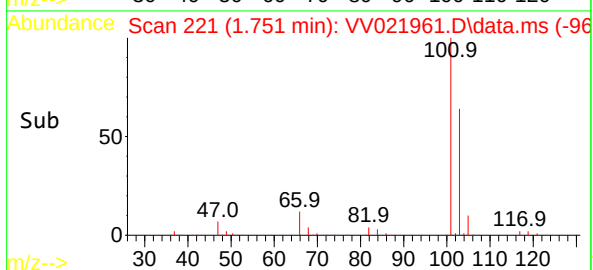
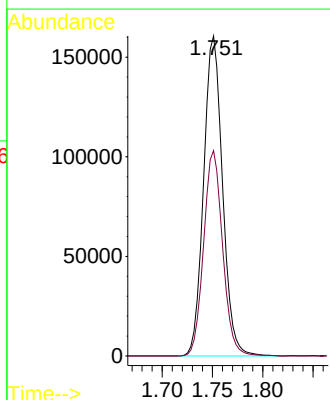
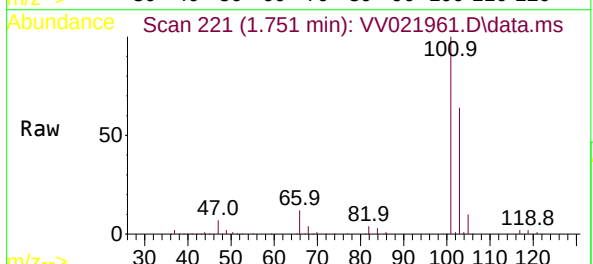
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MSVOA_V
ClientSampleId :

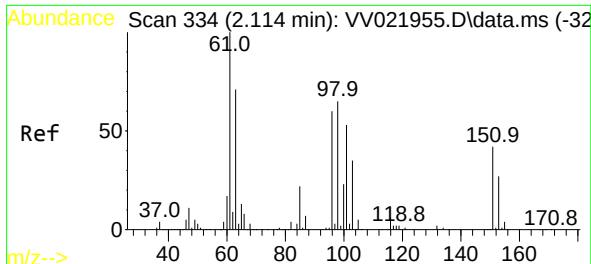
Tgt Ion: 64 Resp: 89753
Ion Ratio Lower Upper
64 100
66 32.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 45.021 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion:101 Resp: 210321
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

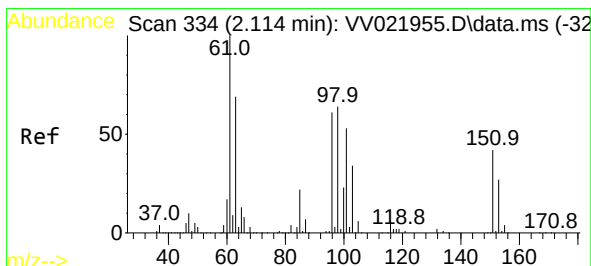
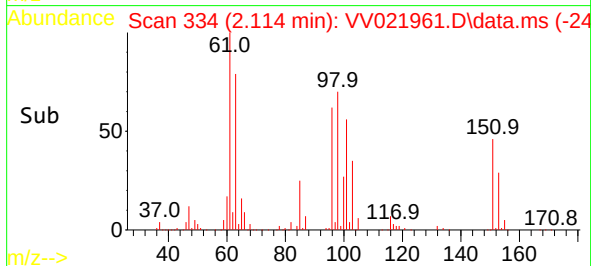
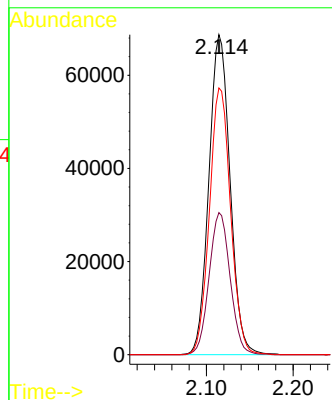
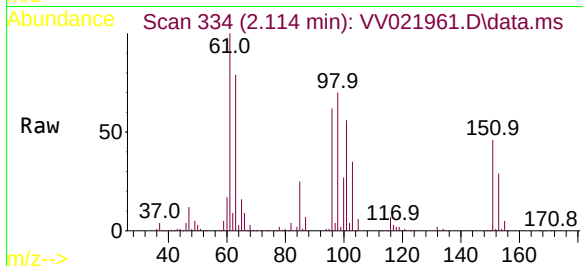




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.683 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

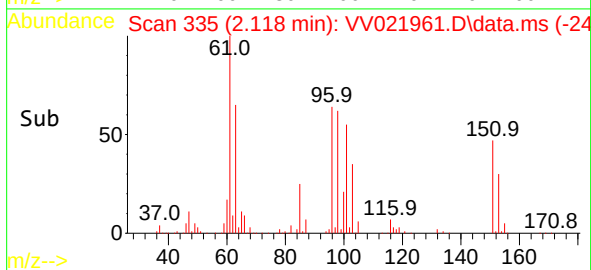
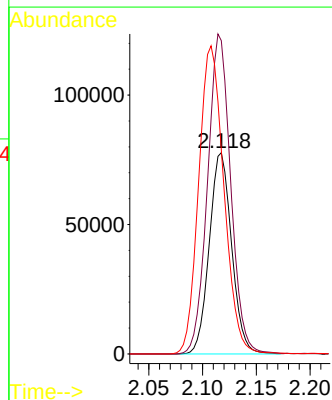
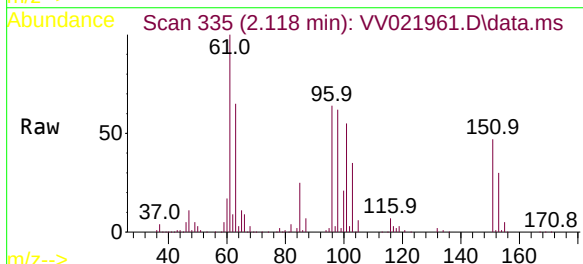
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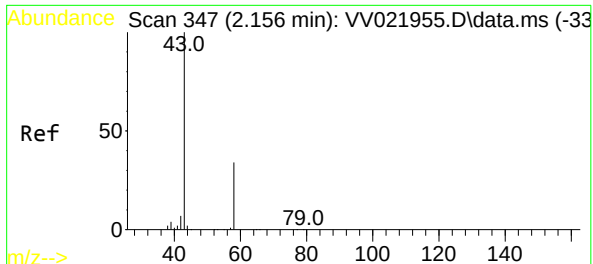
Tgt Ion:101 Resp: 116838
Ion Ratio Lower Upper
101 100
85 44.0 33.4 50.2
151 83.3 62.2 93.2



#12
1,1-Dichloroethene
Concen: 44.190 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 96 Resp: 112578
Ion Ratio Lower Upper
96 100
61 155.6 115.5 214.5
63 101.3 90.3 167.7

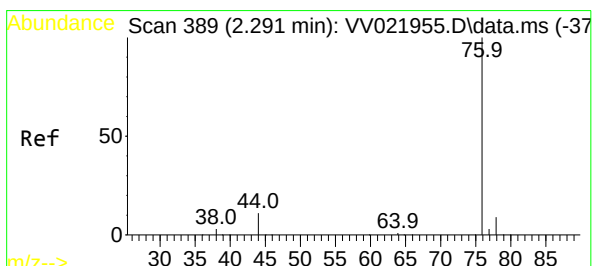
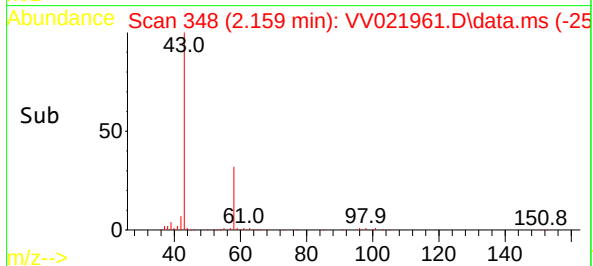
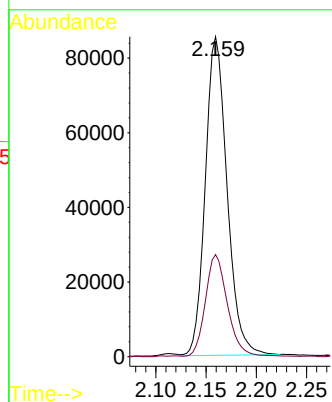
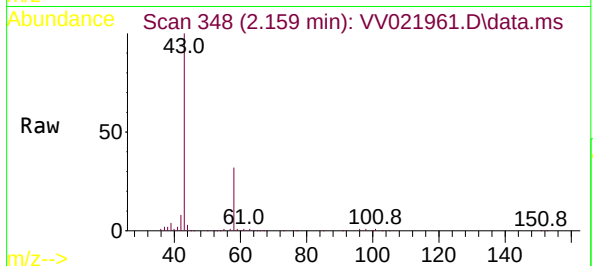




#13
Acetone
Concen: 74.528 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

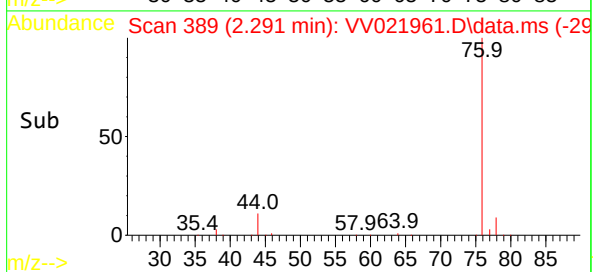
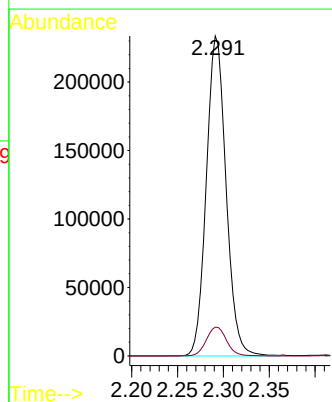
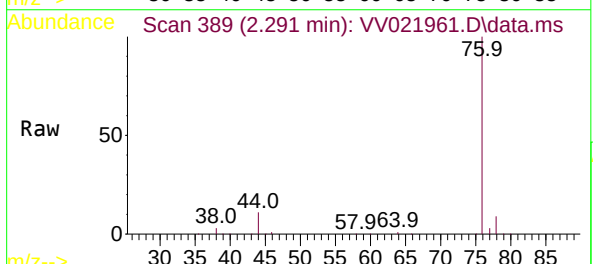
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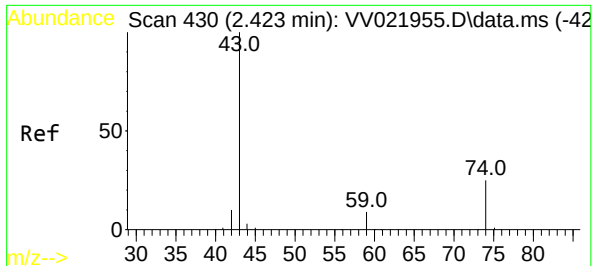
Tgt Ion: 43 Resp: 128499
Ion Ratio Lower Upper
43 100
58 32.8 0.0 0.0#



#14
Carbon disulfide
Concen: 40.793 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 349677
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

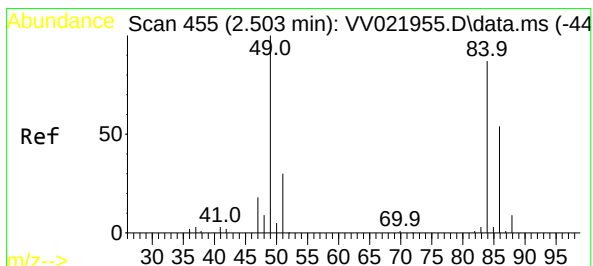
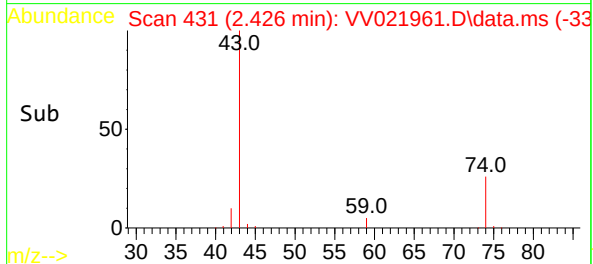
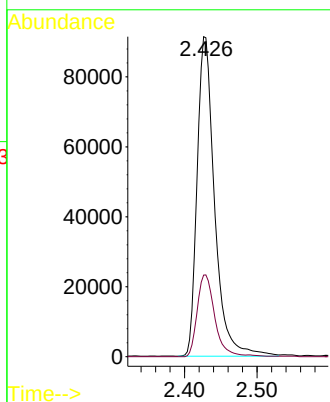
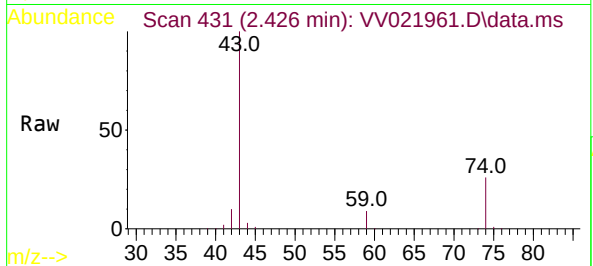




#15
Methyl Acetate
Concen: 48.416 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

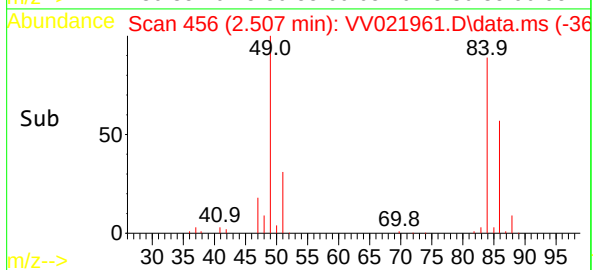
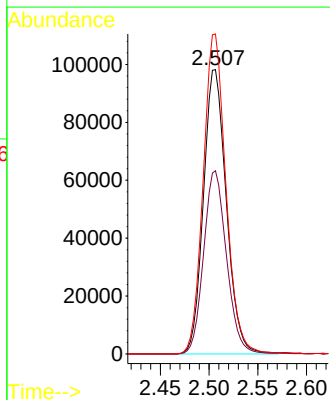
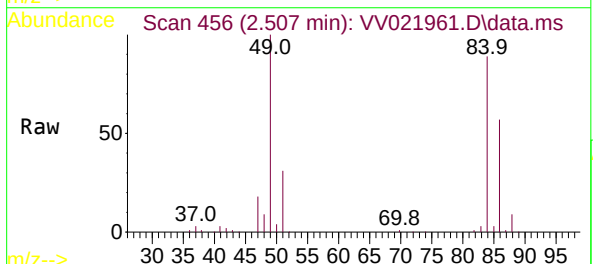
Instrument :
MSVOA_V
ClientSampled :

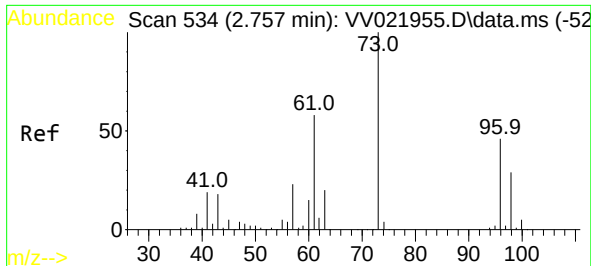
Tgt Ion: 43 Resp: 153358
Ion Ratio Lower Upper
43 100
74 25.4 19.0 28.6



#16
Methylene chloride
Concen: 45.347 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 84 Resp: 160692
Ion Ratio Lower Upper
84 100
86 64.5 44.7 83.1
49 112.6 82.5 153.3

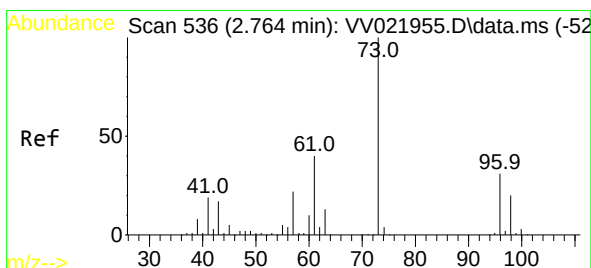
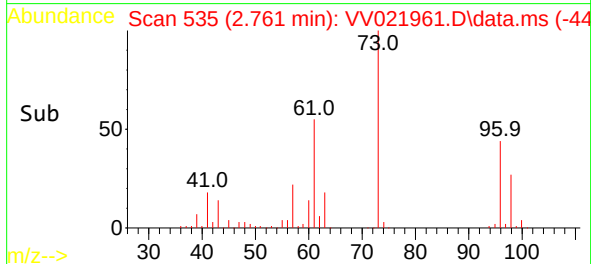
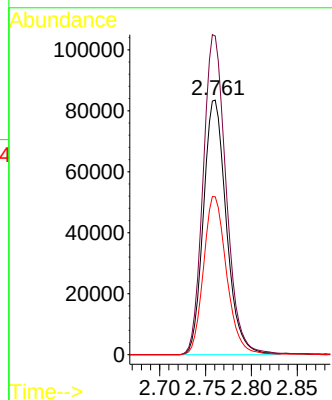
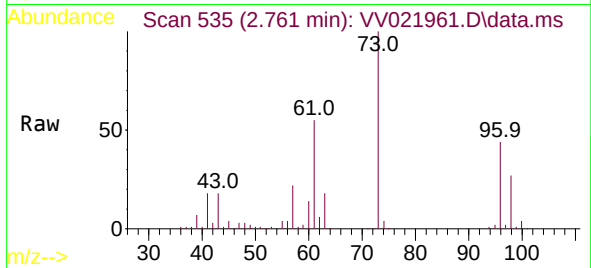




#17
trans-1,2-Dichloroethene
Concen: 48.659 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

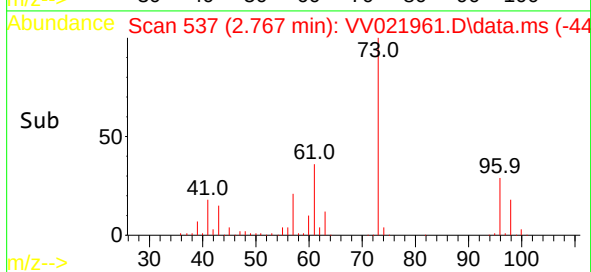
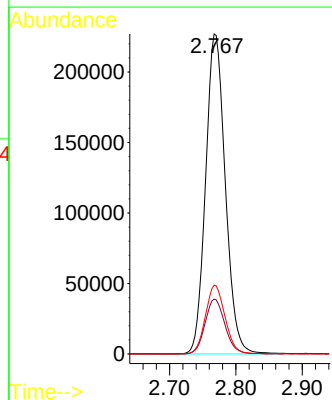
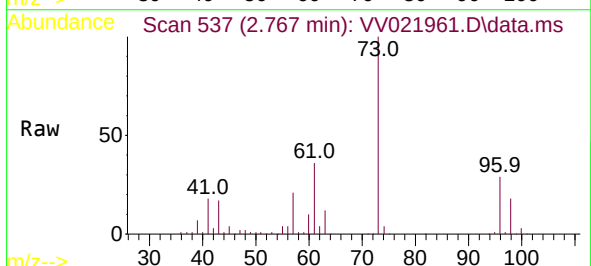
Instrument :
MSVOA_V
ClientSampled :

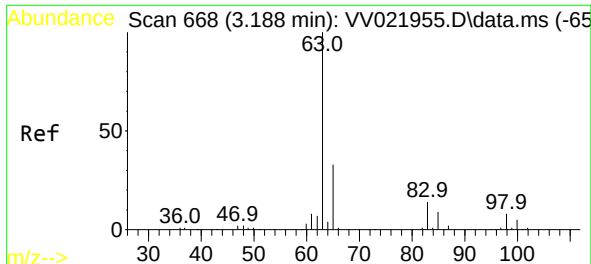
Tgt Ion: 96 Resp: 145464
Ion Ratio Lower Upper
96 100
61 125.2 90.4 168.0
98 62.0 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.045 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 73 Resp: 469297
Ion Ratio Lower Upper
73 100
43 17.0 14.2 21.4
57 21.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 47.566 ug/L

RT: 3.188 min Scan# 668

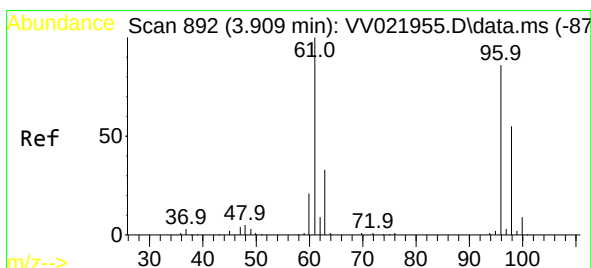
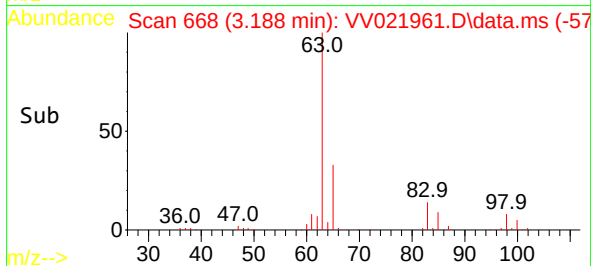
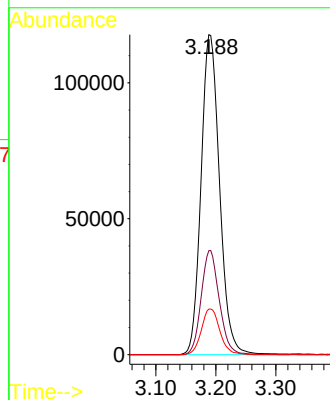
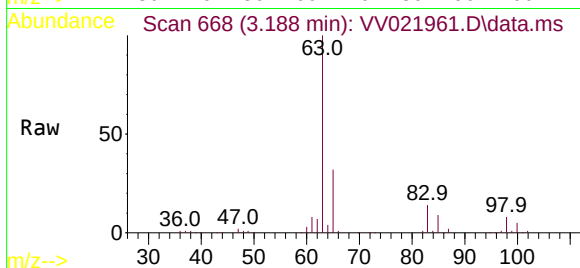
Delta R.T. -0.000 min

Lab File: VV021961.D

Acq: 26 Aug 2021 16:52

Tgt Ion: 63 Resp: 253119

Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.8	40.6
83	14.3	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 46.663 ug/L

RT: 3.912 min Scan# 893

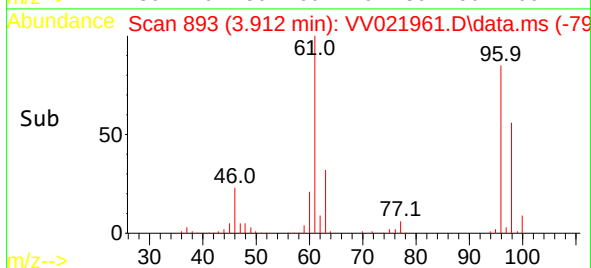
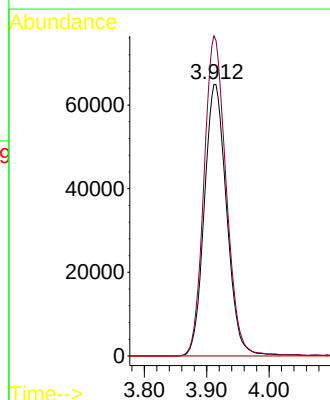
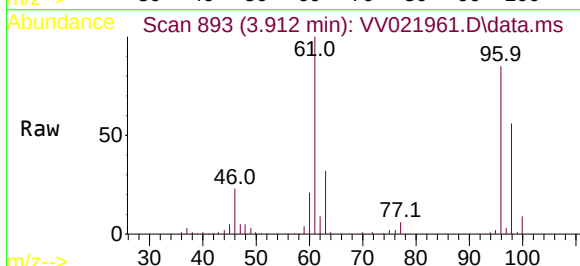
Delta R.T. 0.003 min

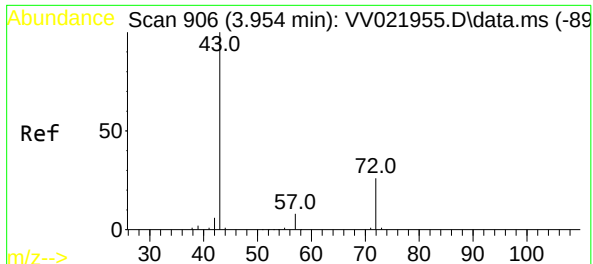
Lab File: VV021961.D

Acq: 26 Aug 2021 16:52

Tgt Ion: 96 Resp: 161532

Ion	Ratio	Lower	Upper
96	100		
61	117.8	81.0	150.4
68	0.0	0.0	0.0

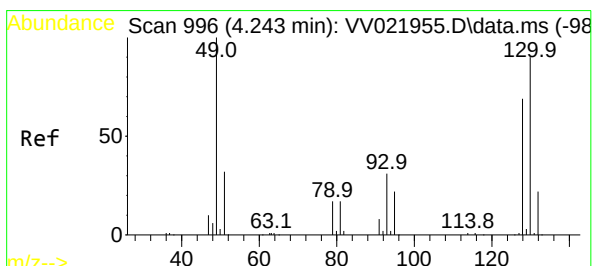
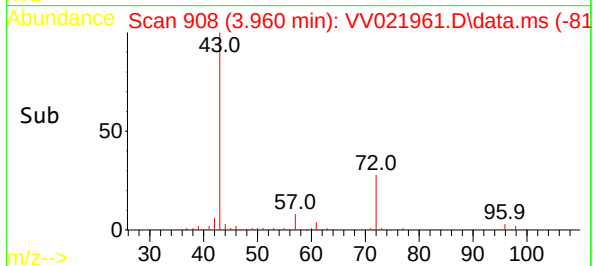
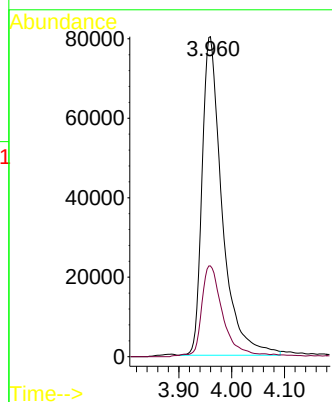
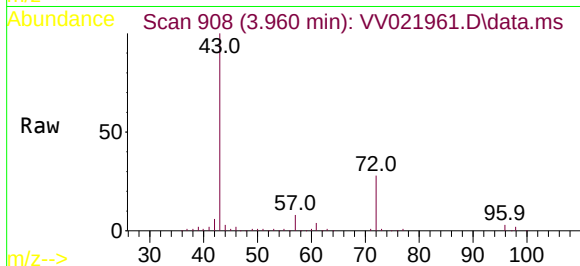




#22
2-Butanone
Concen: 84.212 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.006 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

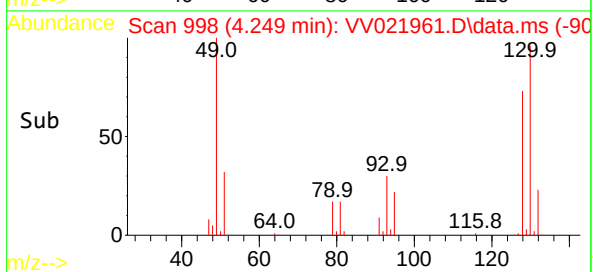
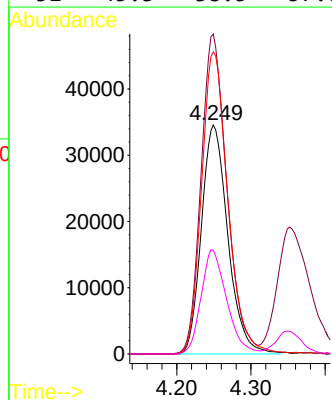
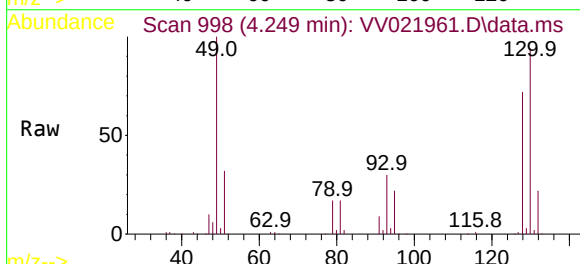
Instrument :
MSVOA_V
ClientSampled :

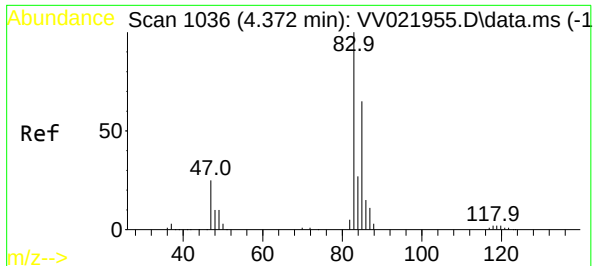
Tgt Ion: 43 Resp: 211453
Ion Ratio Lower Upper
43 100
72 28.1 13.6 40.8



#23
Bromochloromethane
Concen: 46.493 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 128 Resp: 85390
Ion Ratio Lower Upper
128 100
49 139.8 105.6 196.0
130 132.0 89.5 166.1
51 45.3 38.5 57.7

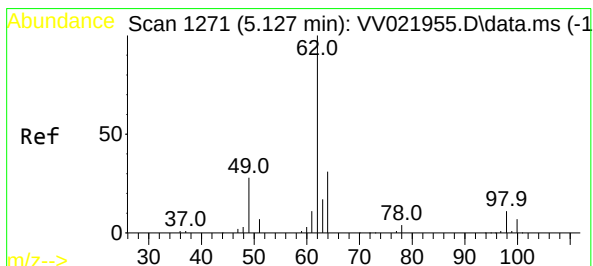
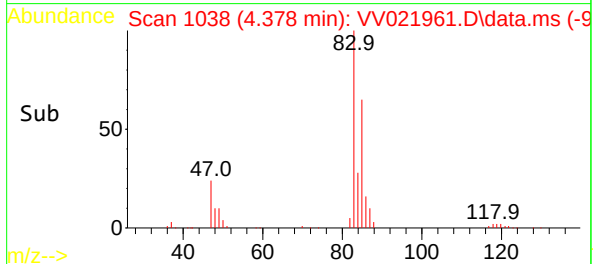
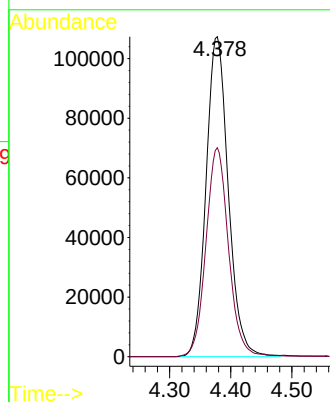
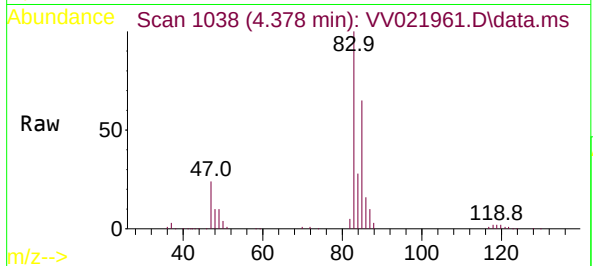




#25
Chloroform
Concen: 47.434 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

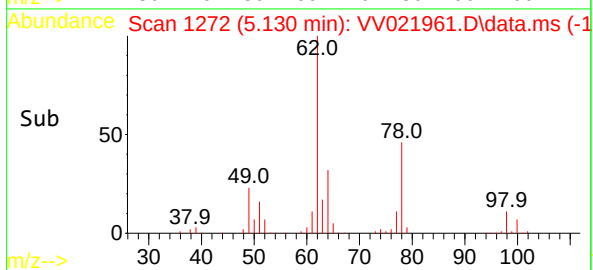
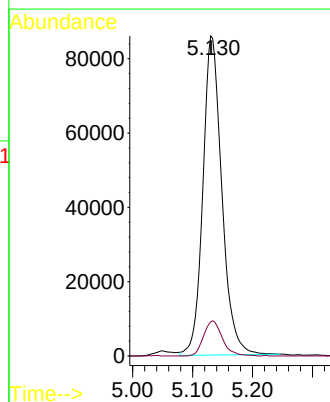
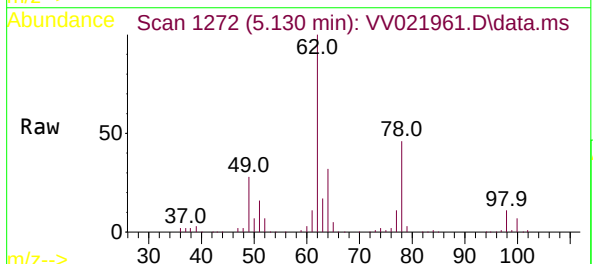
Instrument :
MSVOA_V
ClientSampled :

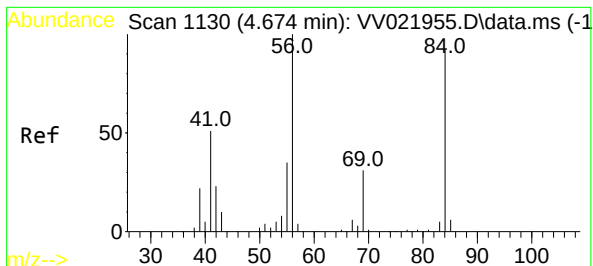
Tgt Ion: 83 Resp: 271605
Ion Ratio Lower Upper
83 100
85 65.3 44.8 83.2



#27
1,2-Dichloroethane
Concen: 46.883 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 62 Resp: 189142
Ion Ratio Lower Upper
62 100
98 10.7 8.6 13.0

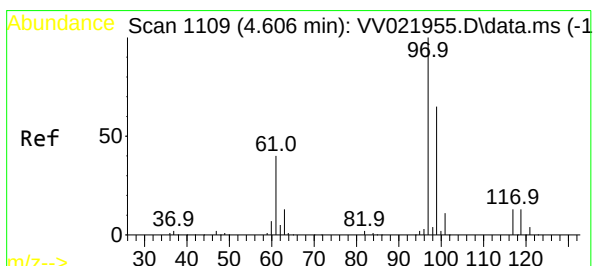
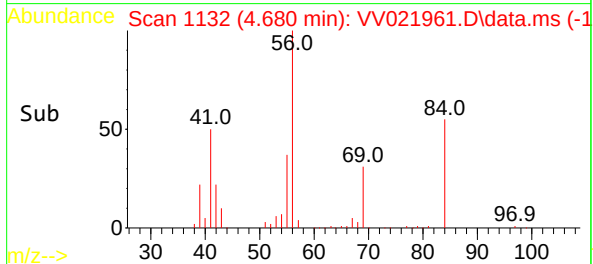
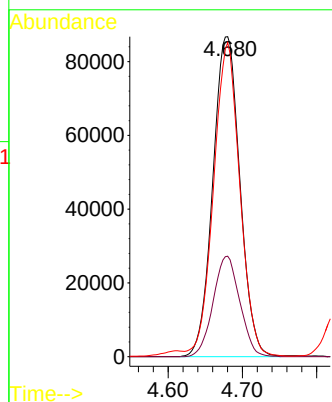
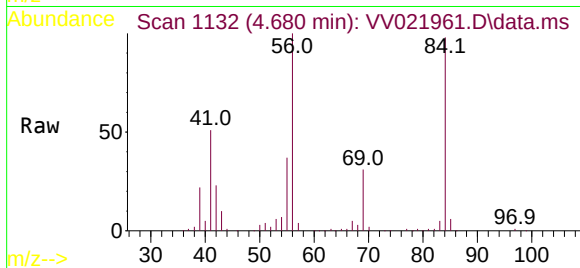




#29
Cyclohexane
Concen: 43.772 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

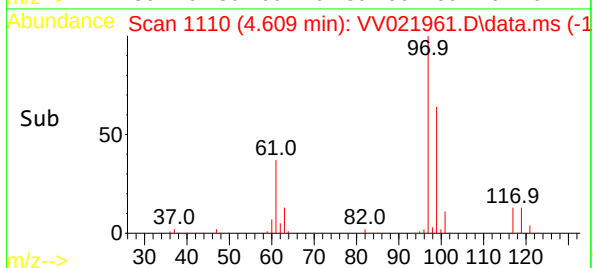
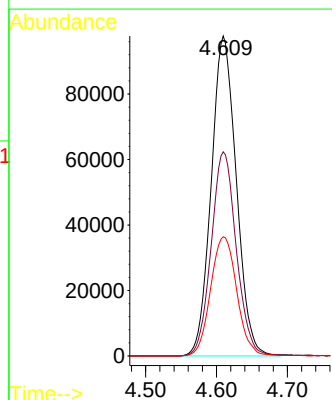
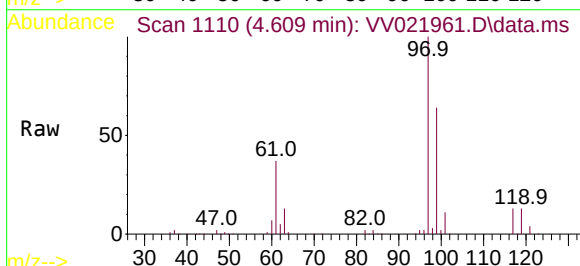
Instrument :
MSVOA_V
ClientSampled :

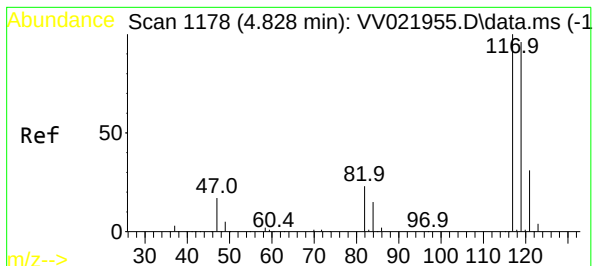
Tgt Ion: 56 Resp: 219827
Ion Ratio Lower Upper
56 100
69 30.9 24.9 37.3
84 94.9 72.6 109.0



#30
1,1,1-Trichloroethane
Concen: 47.075 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 97 Resp: 240202
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 39.0 32.3 48.5

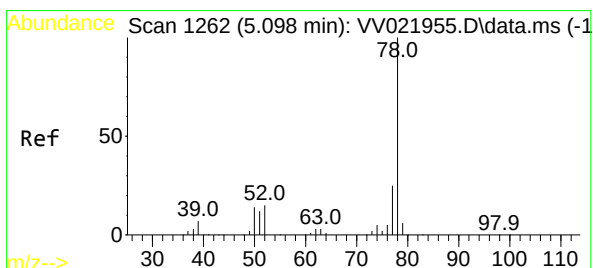
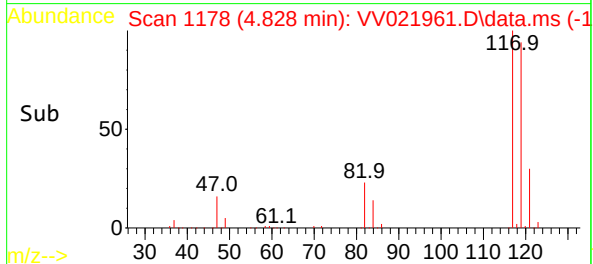
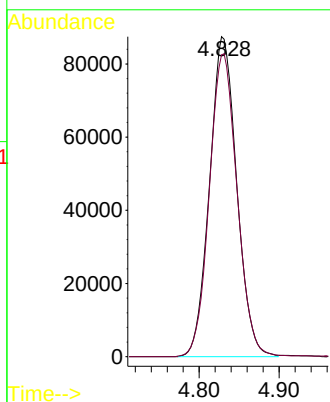
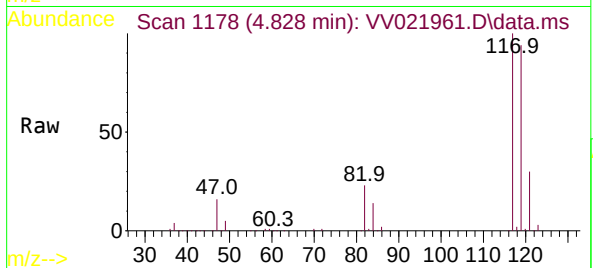




#31
Carbon tetrachloride
Concen: 46.717 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

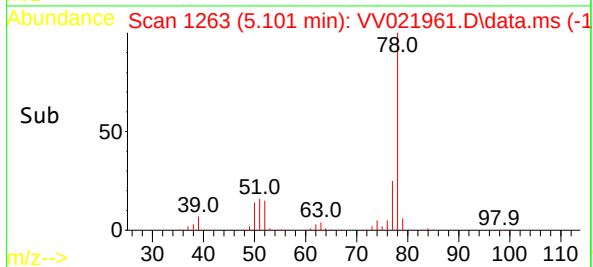
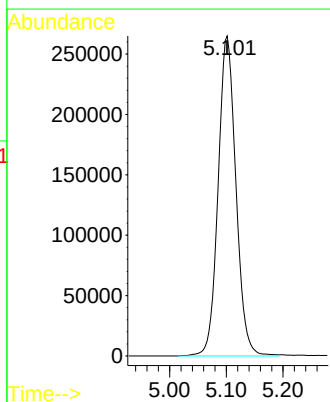
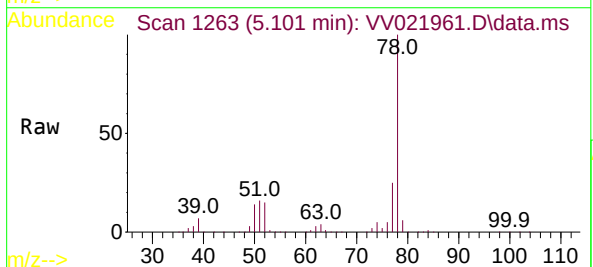
Instrument :
MSVOA_V
ClientSampled :

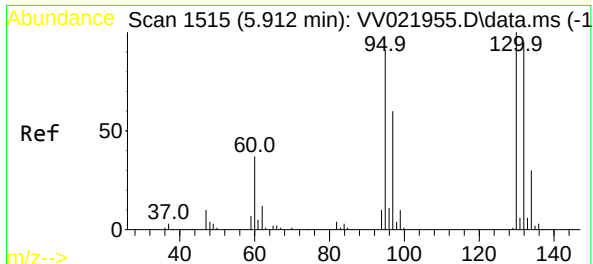
Tgt Ion:117 Resp: 206261
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 45.995 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 78 Resp: 577165

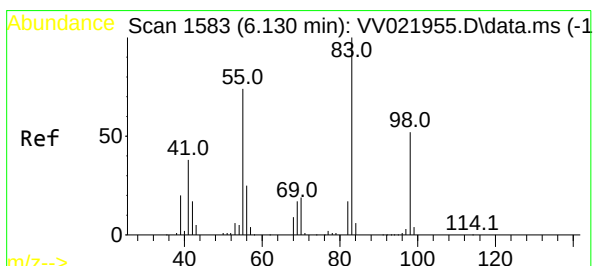
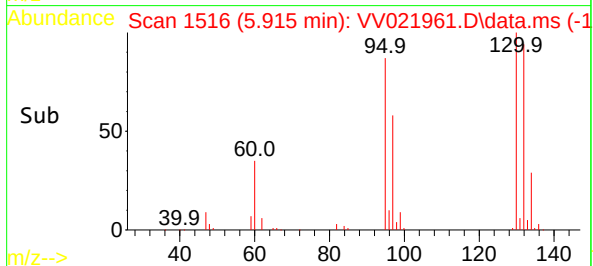
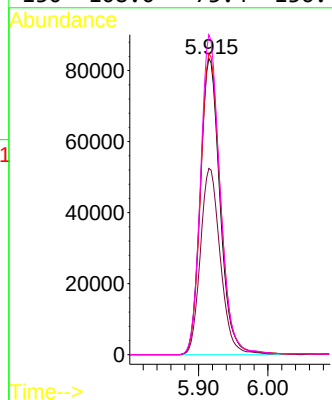
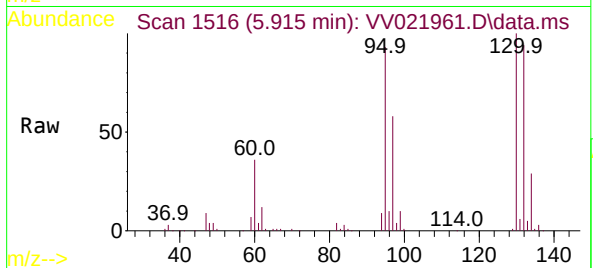




#34
Trichloroethene
Concen: 45.666 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

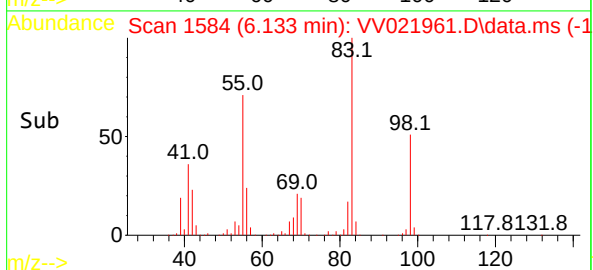
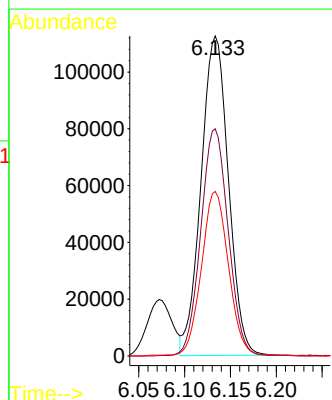
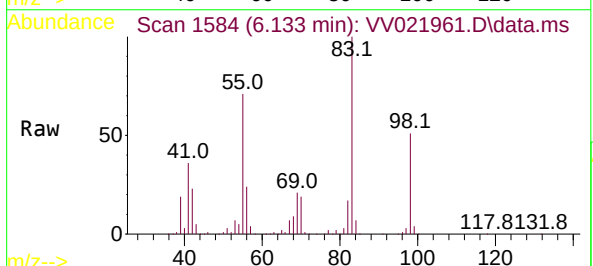
Instrument :
MSVOA_V
ClientSampled :

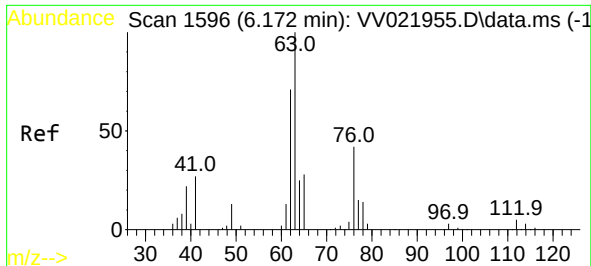
Tgt Ion: 95 Resp: 164674
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 101.7 70.2 130.4
130 108.0 73.4 136.4



#35
Methylcyclohexane
Concen: 44.460 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 83 Resp: 233896
Ion Ratio Lower Upper
83 100
55 71.1 57.9 86.9
98 51.1 39.9 59.9

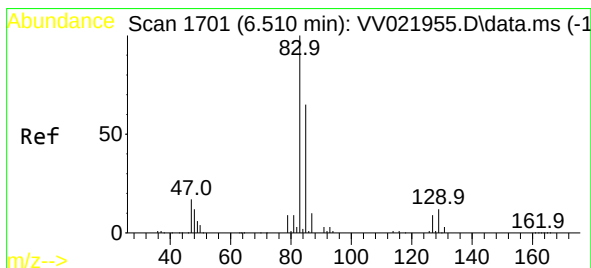
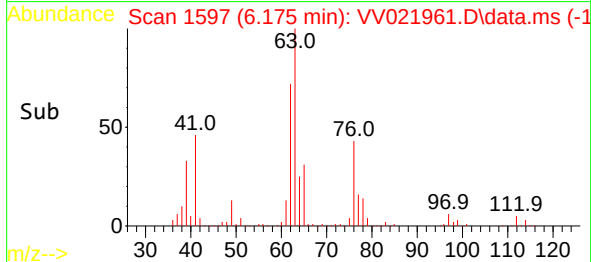
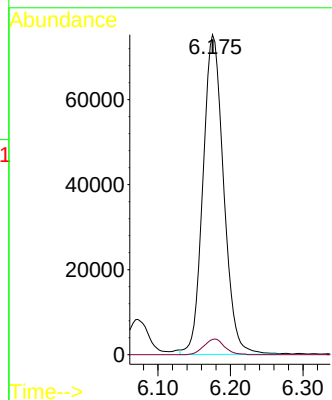
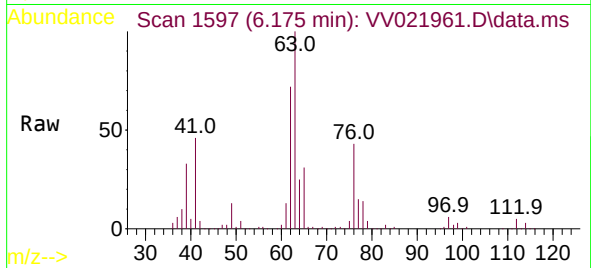




#37
1,2-Dichloropropane
Concen: 46.929 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

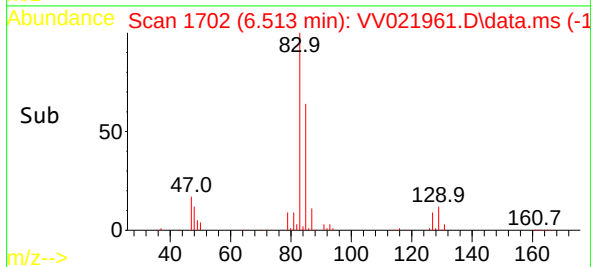
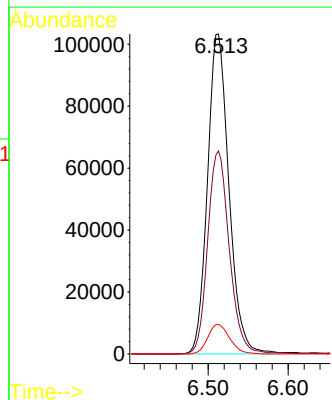
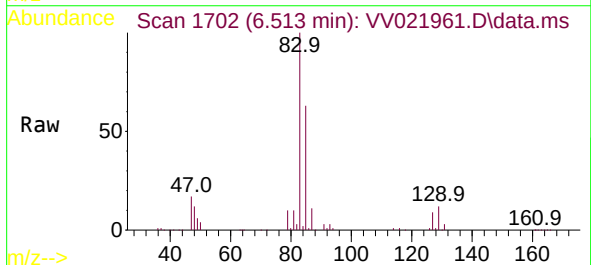
Instrument :
MSVOA_V
ClientSampled :

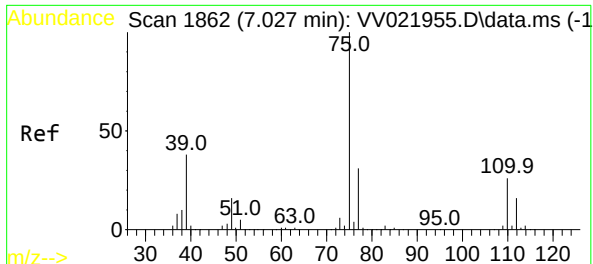
Tgt Ion: 63 Resp: 149113
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 46.032 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 83 Resp: 192773
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9
127 9.2 7.4 11.2

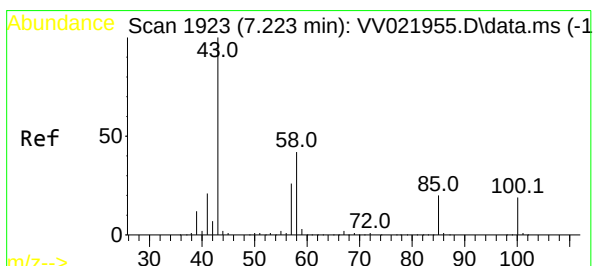
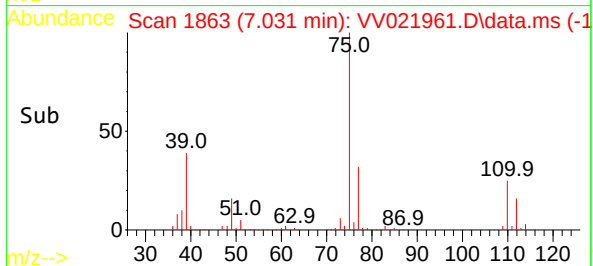
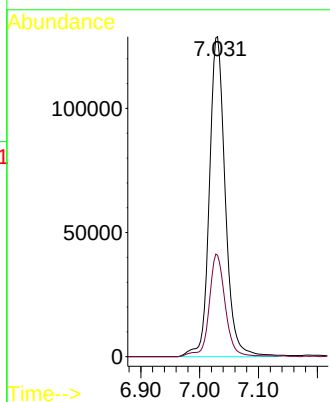
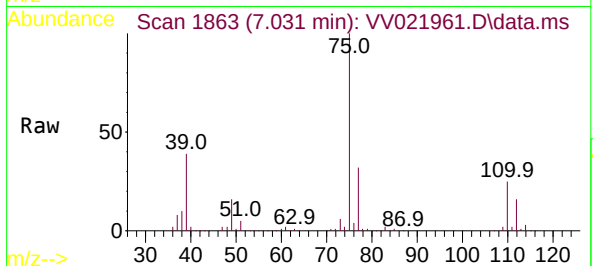




#39
 cis-1,3-Dichloropropene
 Concen: 48.192 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021961.D
 Acq: 26 Aug 2021 16:52

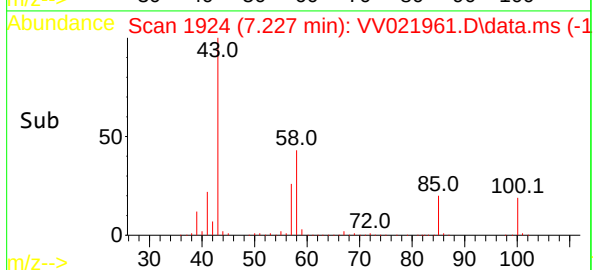
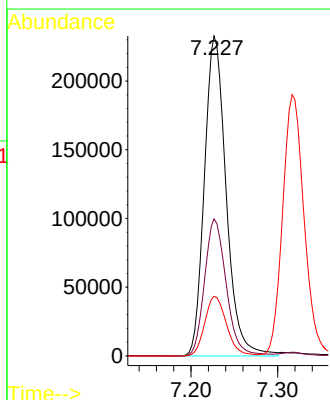
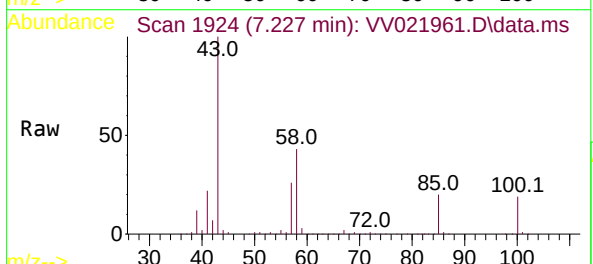
Instrument :
 MSVOA_V
 ClientSampled :

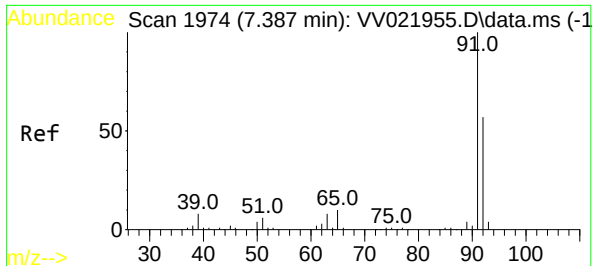
Tgt Ion: 75 Resp: 242469
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 93.046 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021961.D
 Acq: 26 Aug 2021 16:52

Tgt Ion: 43 Resp: 406680
 Ion Ratio Lower Upper
 43 100
 58 42.5 32.9 49.3
 100 18.7 14.0 21.0





#42

Toluene

Concen: 47.934 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021961.D

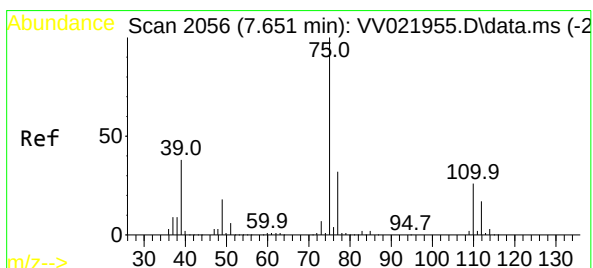
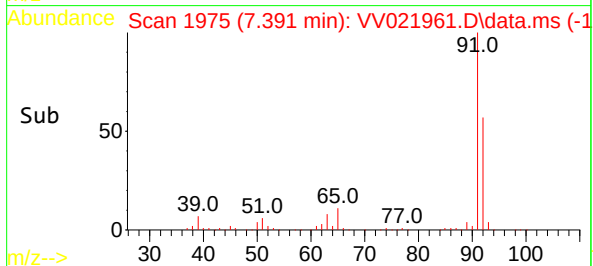
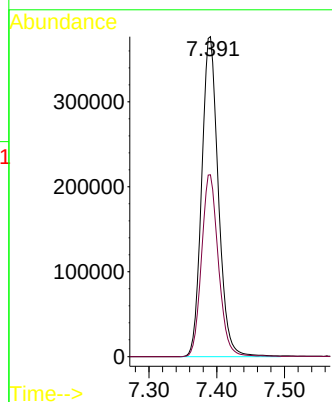
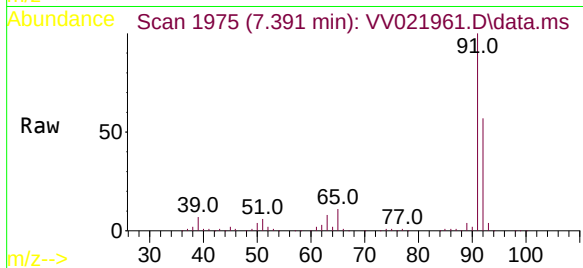
Acq: 26 Aug 2021 16:52

Tgt Ion: 91 Resp: 642418

Ion Ratio Lower Upper

91 100

92 56.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 47.379 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV021961.D

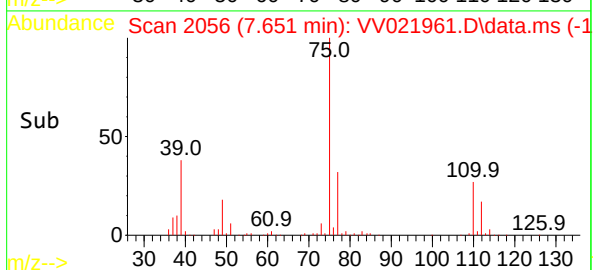
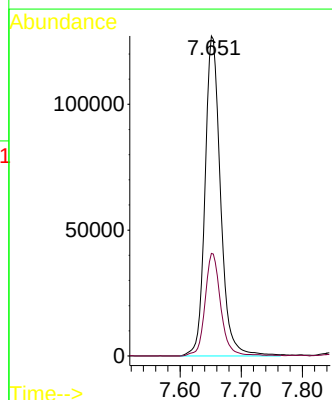
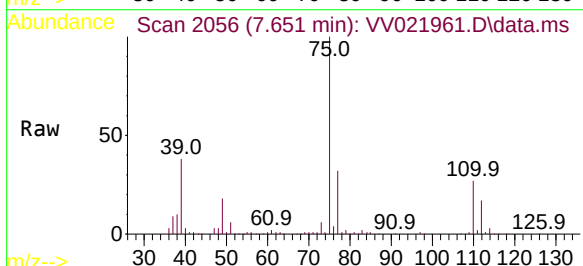
Acq: 26 Aug 2021 16:52

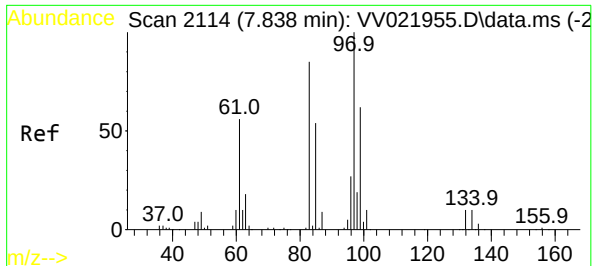
Tgt Ion: 75 Resp: 224649

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2





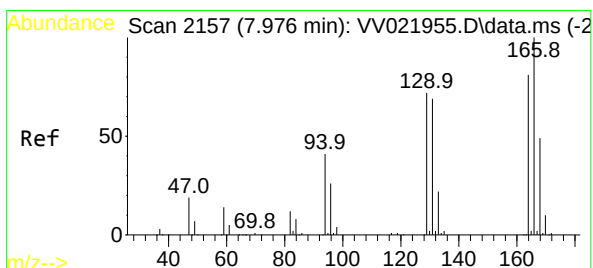
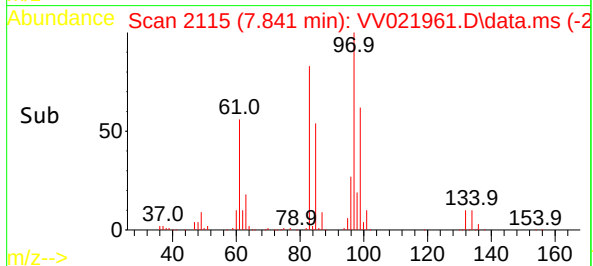
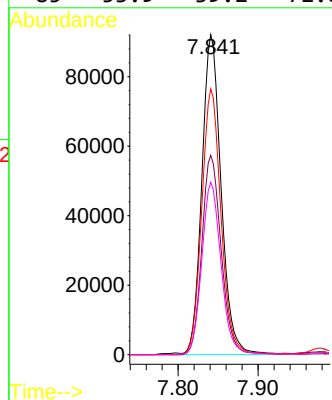
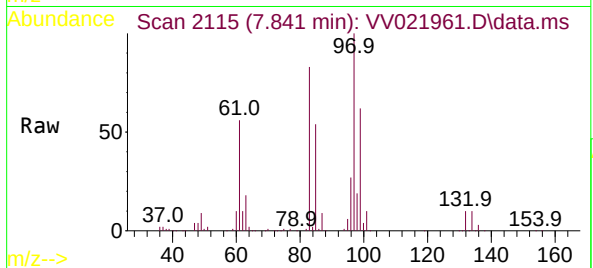
#45

1,1,2-Trichloroethane
Concen: 48.512 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 154413

Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.2	82.0
83	83.0	59.2	110.0
85	53.9	39.2	72.8

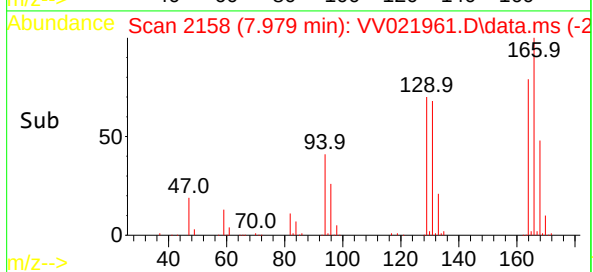
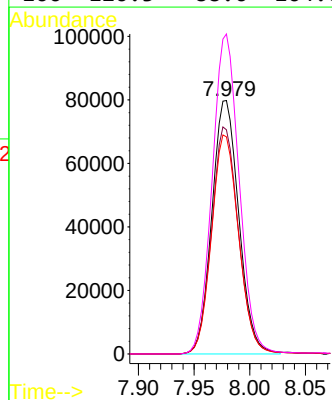
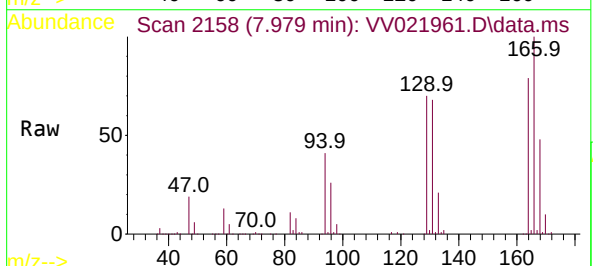


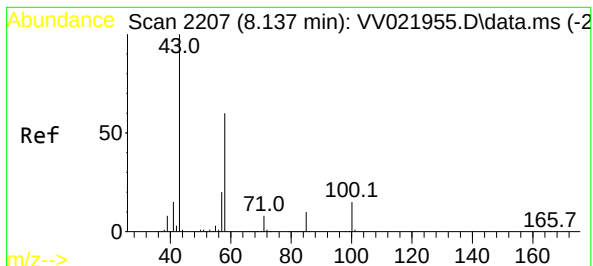
#46

Tetrachloroethene
Concen: 50.081 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 164 Resp: 134214

Ion	Ratio	Lower	Upper
164	100		
129	88.5	63.7	118.3
131	85.7	61.5	114.3
166	126.3	88.6	164.6



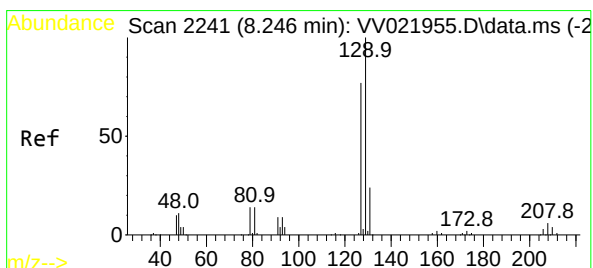
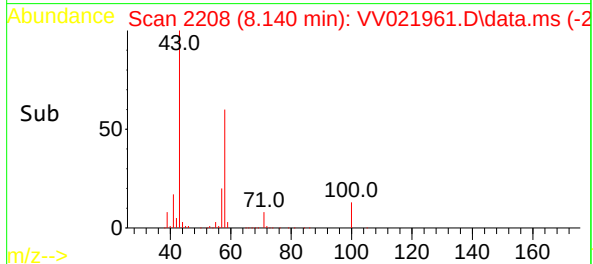
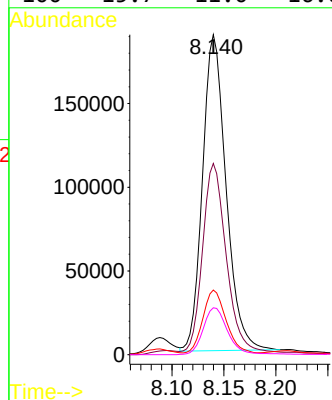
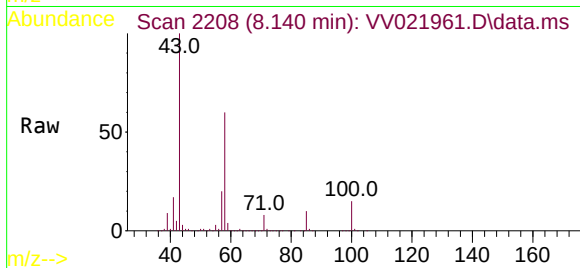


#48
2-Hexanone
Concen: 87.877 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 297519

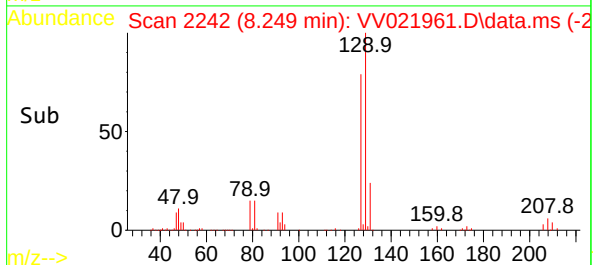
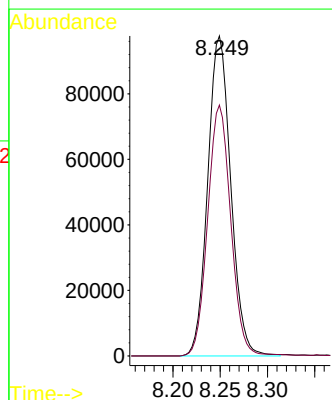
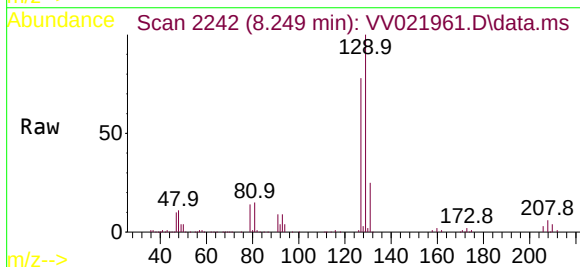
Ion	Ratio	Lower	Upper
43	100		
58	60.4	45.4	68.2
57	20.7	15.3	22.9
100	15.7	11.0	16.6

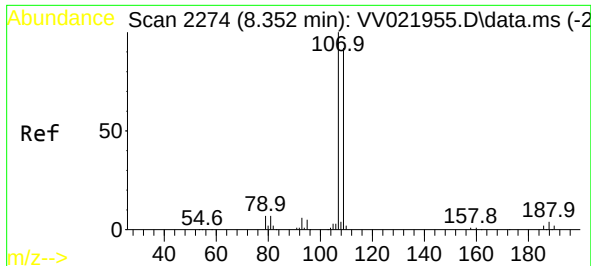


#49
Dibromochloromethane
Concen: 47.089 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion: 129 Resp: 165485

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9

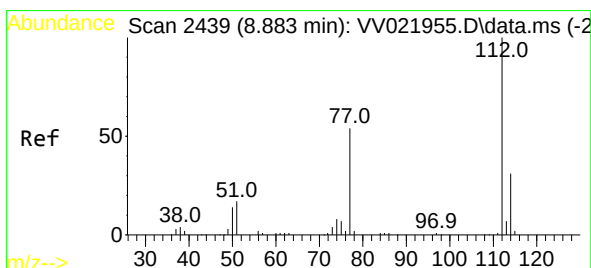
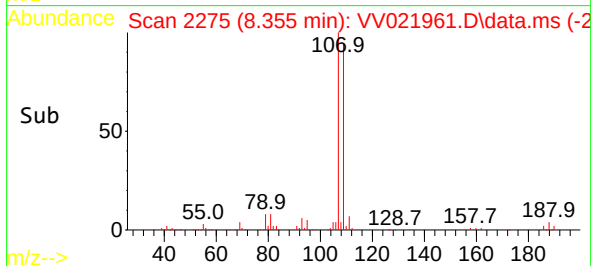
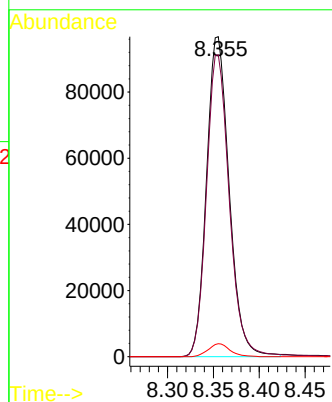
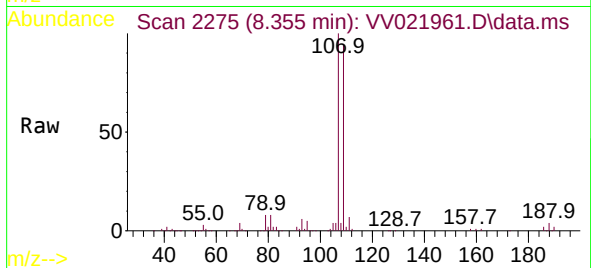




#50
1,2-Dibromoethane
Concen: 48.011 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

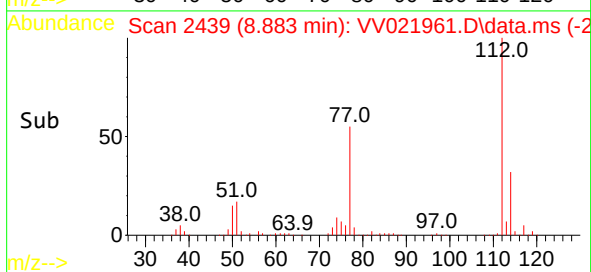
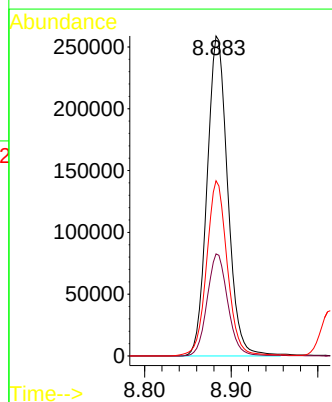
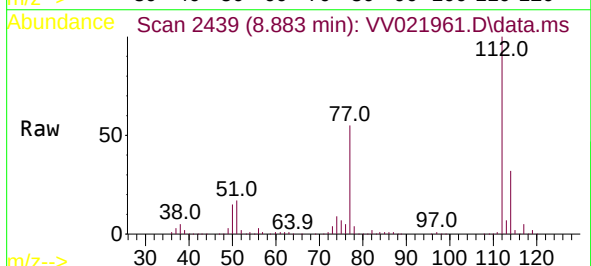
Instrument :
MSVOA_V
ClientSampled :

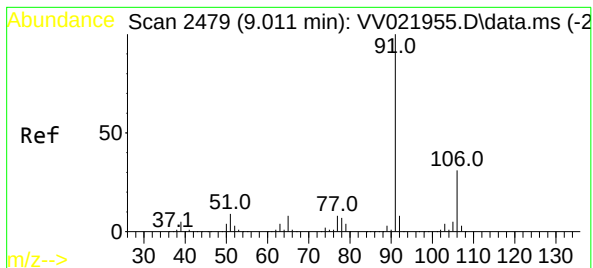
Tgt Ion:107 Resp: 166301
Ion Ratio Lower Upper
107 100
109 94.4 66.3 123.1
188 4.0 3.0 4.4



#51
Chlorobenzene
Concen: 48.847 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion:112 Resp: 427435
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 54.8 43.7 65.5





#52

Ethylbenzene

Concen: 48.979 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021961.D

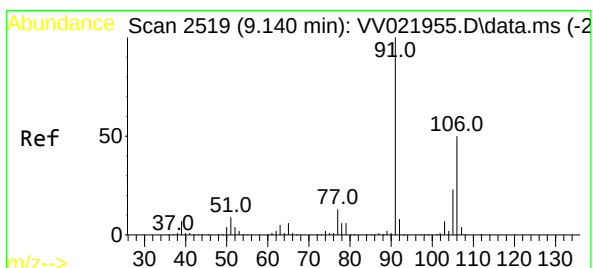
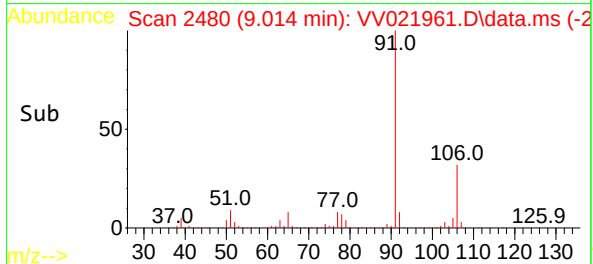
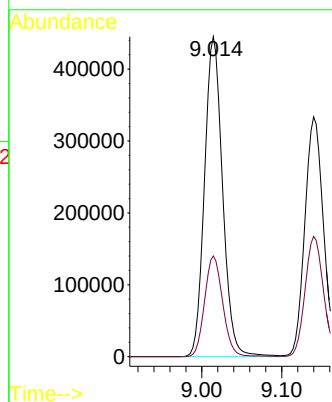
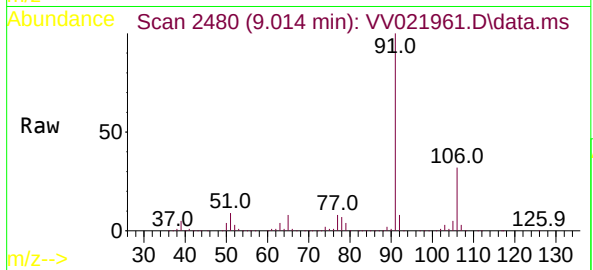
Acq: 26 Aug 2021 16:52

Tgt Ion: 91 Resp: 700303

Ion Ratio Lower Upper

91 100

106 31.5 22.2 41.2



#53

m,p-Xylene

Concen: 48.696 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV021961.D

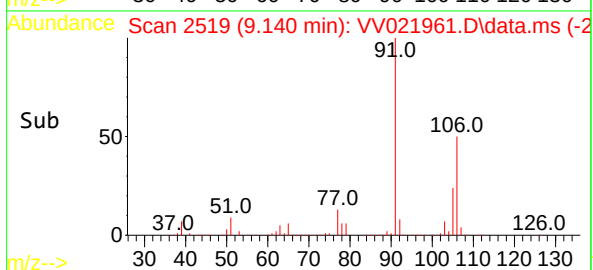
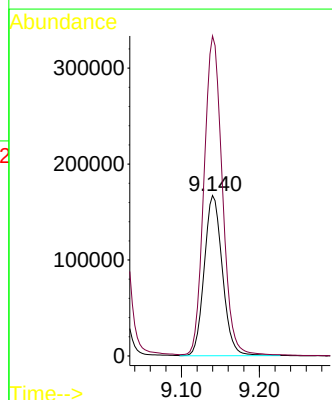
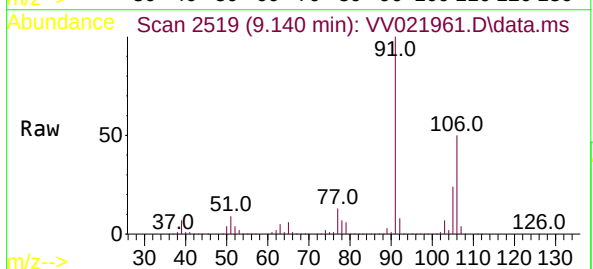
Acq: 26 Aug 2021 16:52

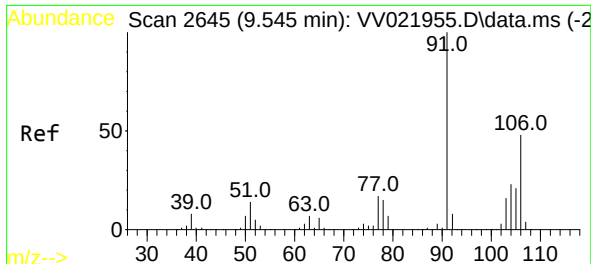
Tgt Ion: 106 Resp: 269844

Ion Ratio Lower Upper

106 100

91 199.3 139.2 258.6

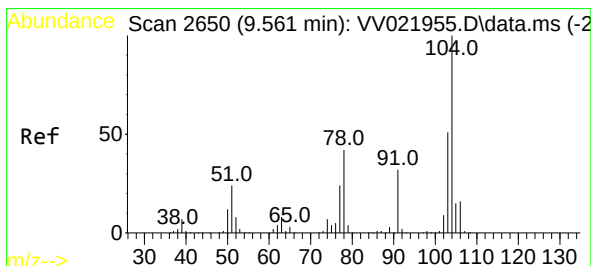
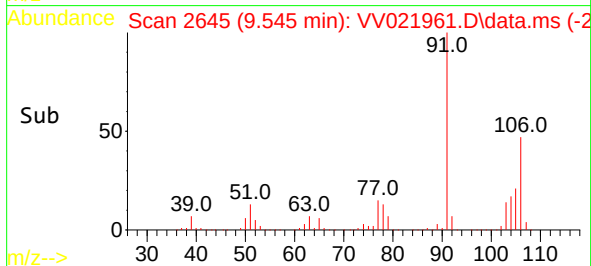
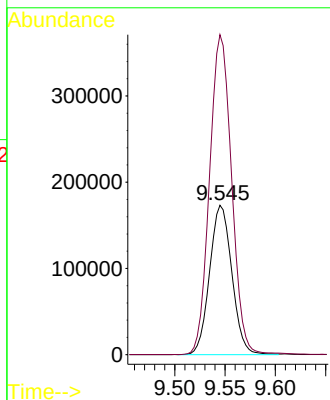
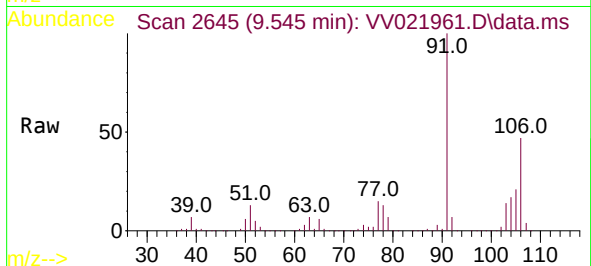




#54
o-Xylene
Concen: 48.609 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

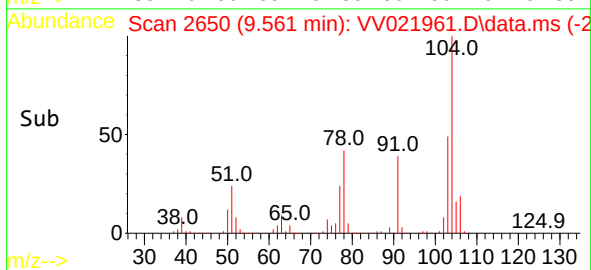
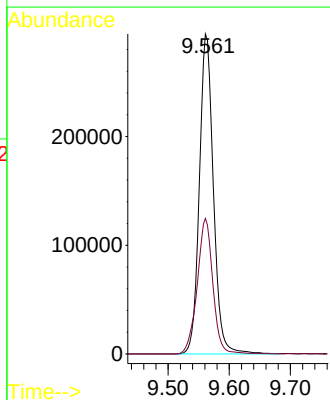
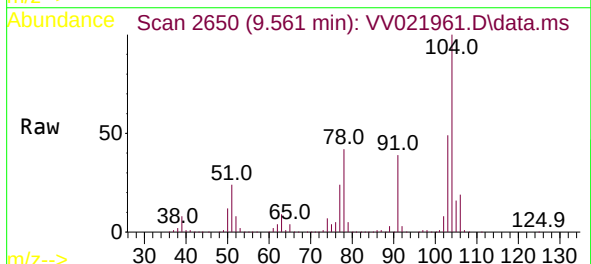
Instrument :
MSVOA_V
ClientSampled :

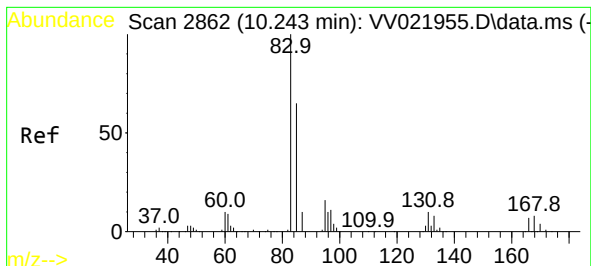
Tgt Ion:106 Resp: 266999
Ion Ratio Lower Upper
106 100
91 214.2 148.1 275.0



#55
Styrene
Concen: 51.094 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion:104 Resp: 469972
Ion Ratio Lower Upper
104 100
78 42.4 30.2 56.2

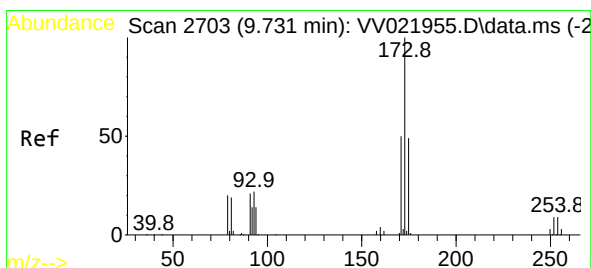
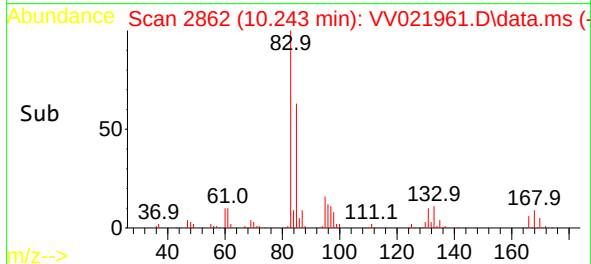
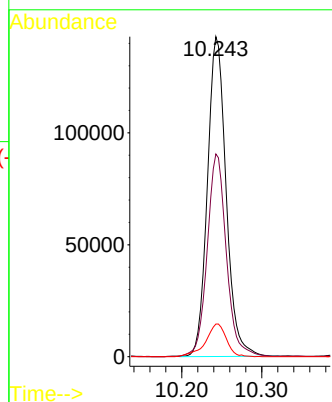
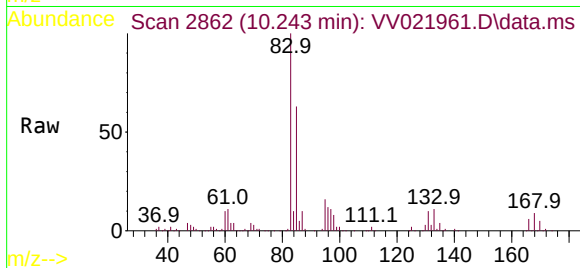




#57
1,1,2,2-Tetrachloroethane
Concen: 52.530 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

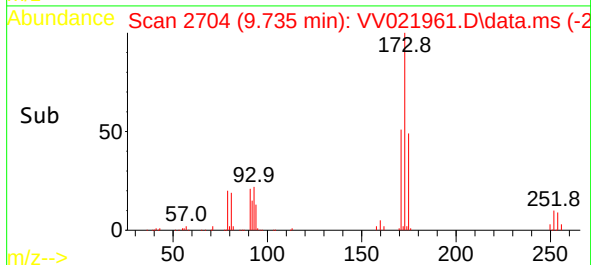
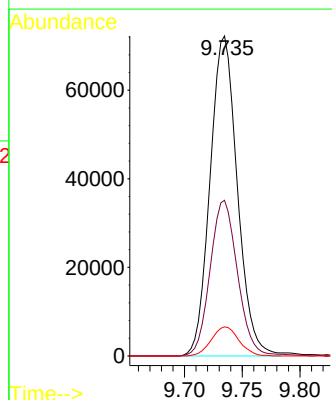
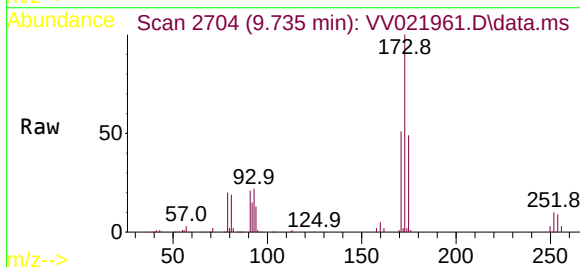
Instrument :
MSVOA_V
ClientSampled :

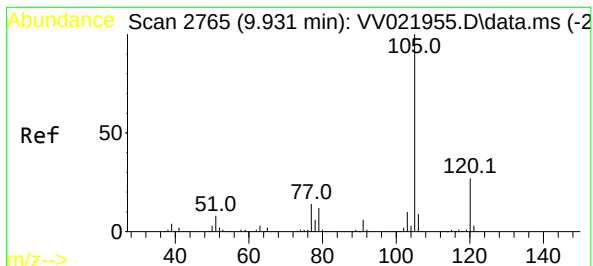
Tgt Ion: 83 Resp: 232766
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.5
131 10.2 7.9 11.9



#59
Bromoform
Concen: 43.912 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

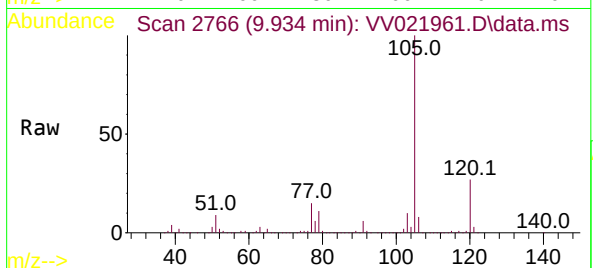
Tgt Ion: 173 Resp: 118822
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 9.2 7.2 10.8



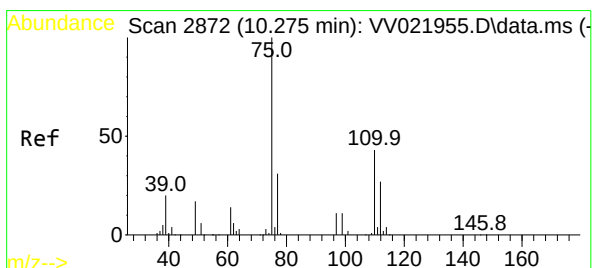
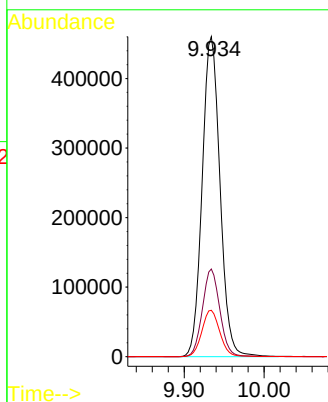
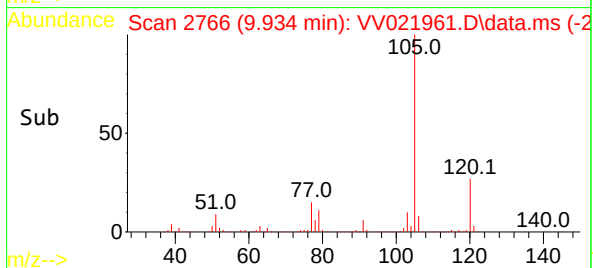


#60
Isopropylbenzene
Concen: 46.889 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

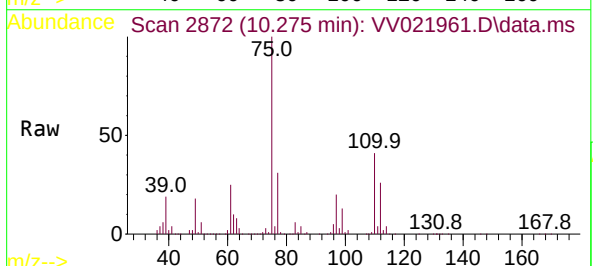
Instrument :
MSVOA_V
ClientSampled :



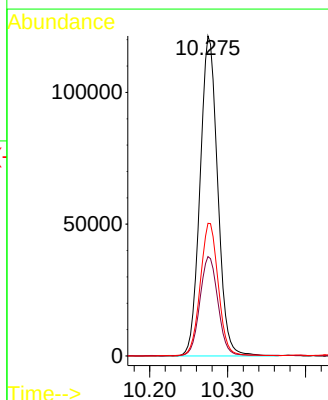
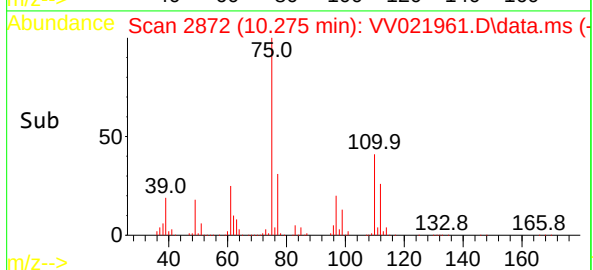
Tgt Ion:105 Resp: 715563
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 14.6 11.8 17.8

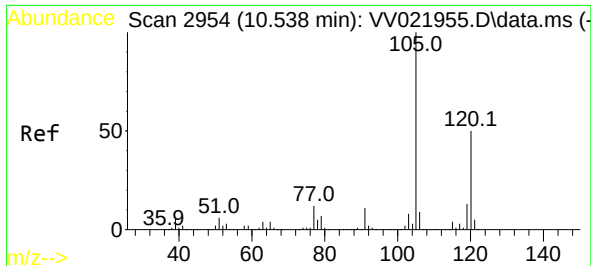


#61
1,2,3-Trichloropropane
Concen: 45.392 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52



Tgt Ion: 75 Resp: 190947
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
110 42.4 33.4 50.2

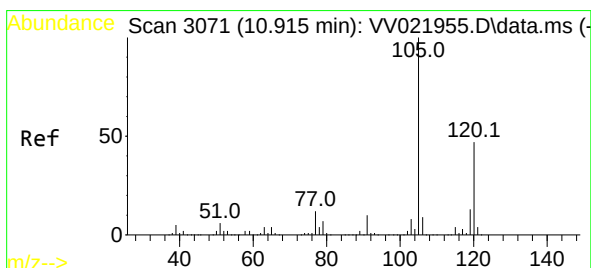
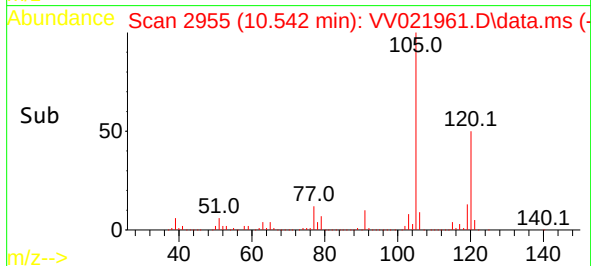
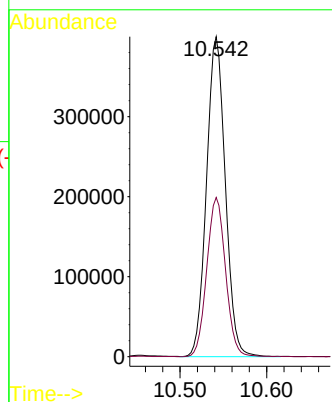
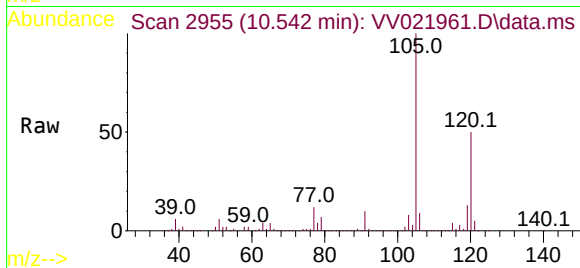




#62
1,3,5-Trimethylbenzene
Concen: 47.119 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

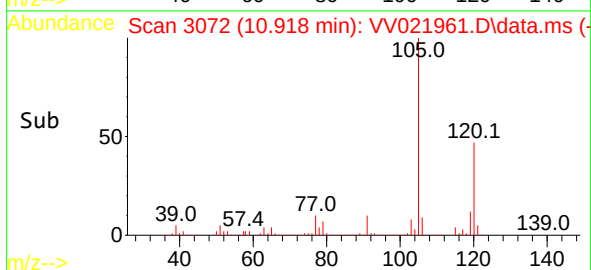
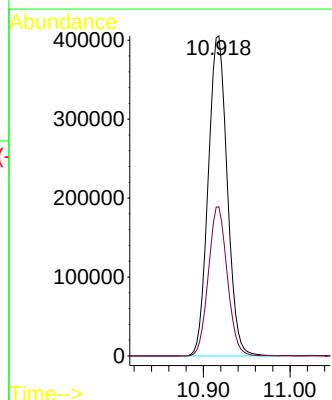
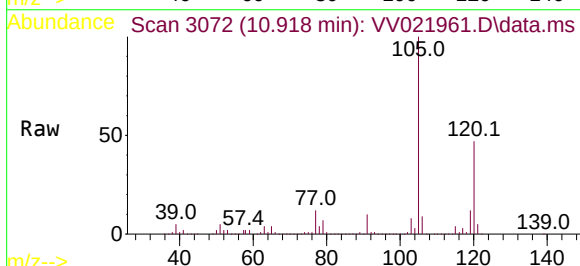
Instrument :
MSVOA_V
ClientSampled :

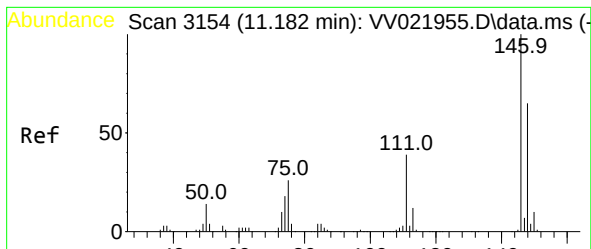
Tgt Ion:105 Resp: 603432
Ion Ratio Lower Upper
105 100
120 49.7 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 47.613 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion:105 Resp: 619984
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9

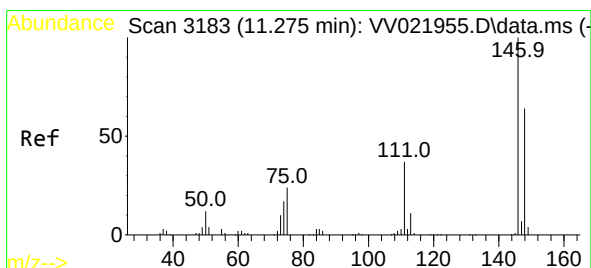
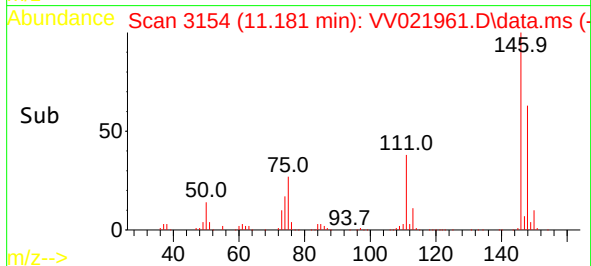
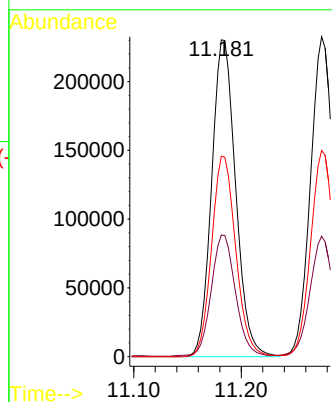
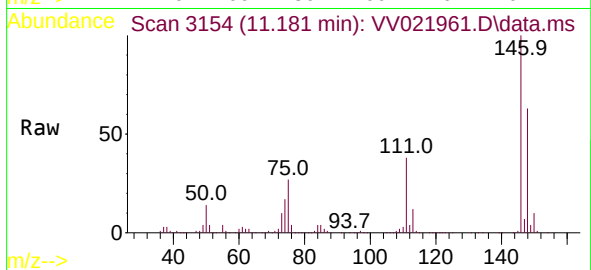




#64
1,3-Dichlorobenzene
Concen: 48.353 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

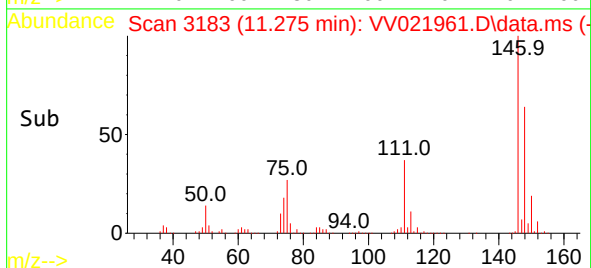
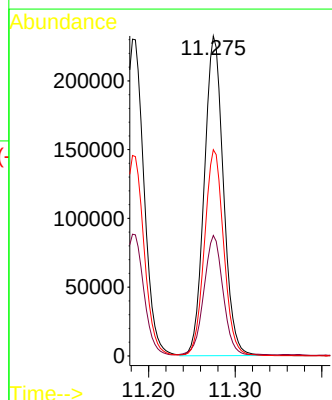
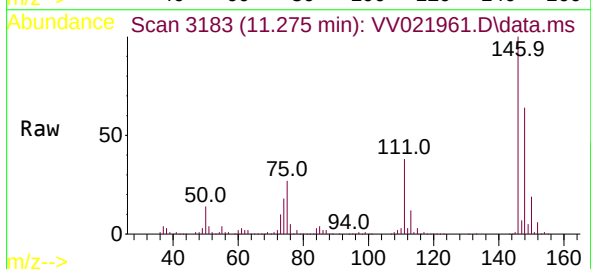
Instrument :
MSVOA_V
ClientSampled :

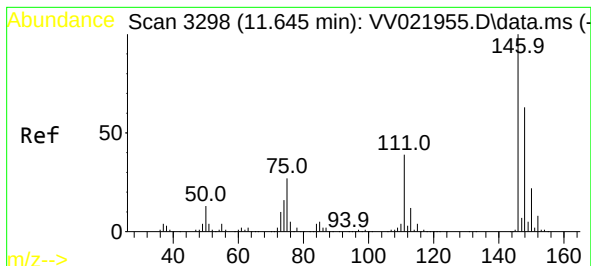
Tgt Ion:146 Resp: 357350
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.320 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

Tgt Ion:146 Resp: 356457
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.6
148 64.4 45.1 83.9

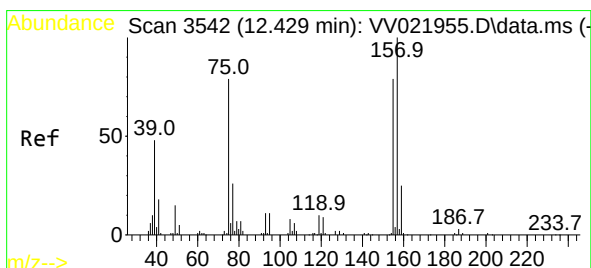
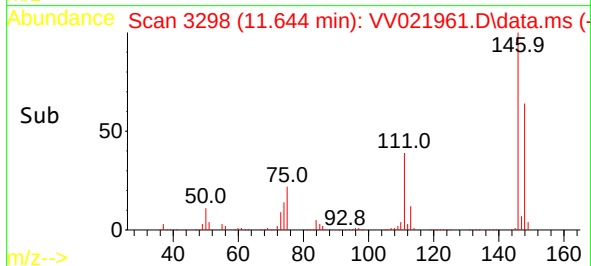
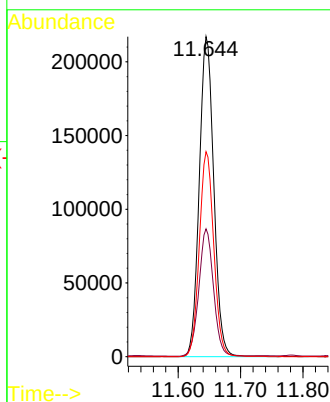
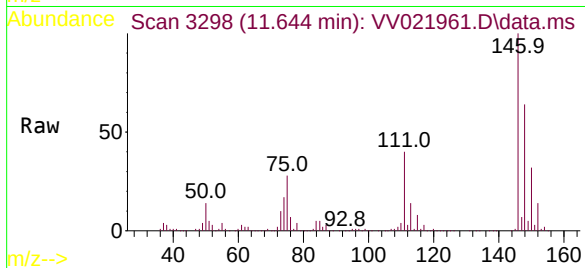




#67
1,2-Dichlorobenzene
Concen: 47.103 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

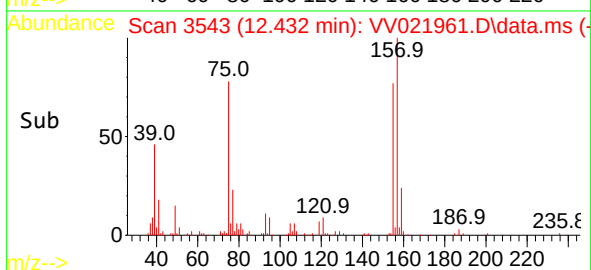
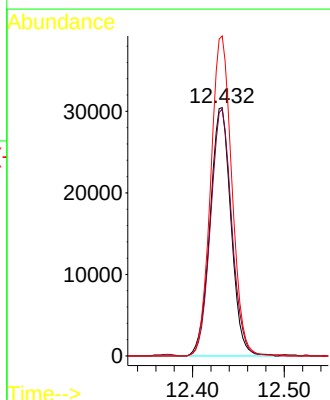
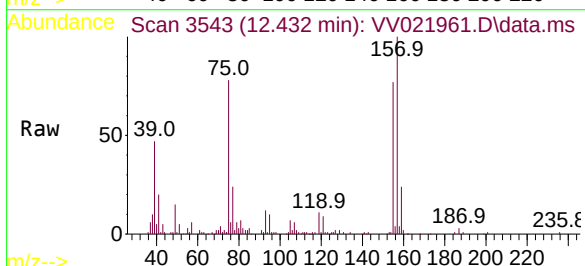
Instrument :
MSVOA_V
ClientSampled :

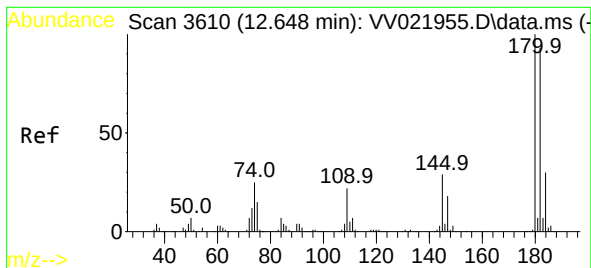
Tgt Ion:146 Resp: 351169
Ion Ratio Lower Upper
146 100
111 40.0 31.8 47.8
148 64.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 47.335 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

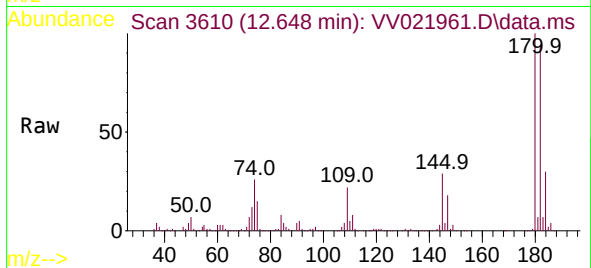
Tgt Ion: 75 Resp: 48412
Ion Ratio Lower Upper
75 100
155 99.3 77.8 116.8
157 128.9 99.4 149.0



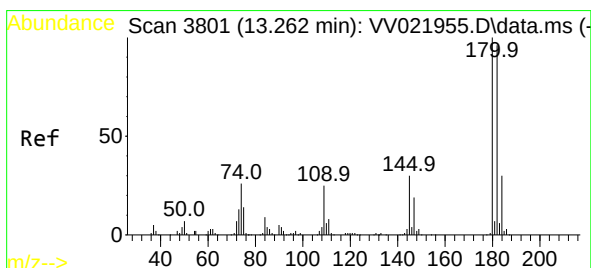
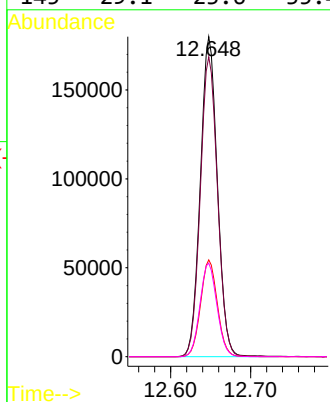
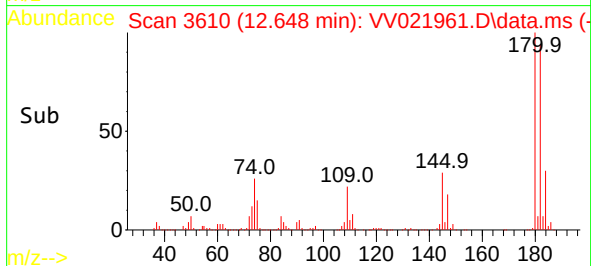


#69
1,3,5-Trichlorobenzene
Concen: 49.867 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

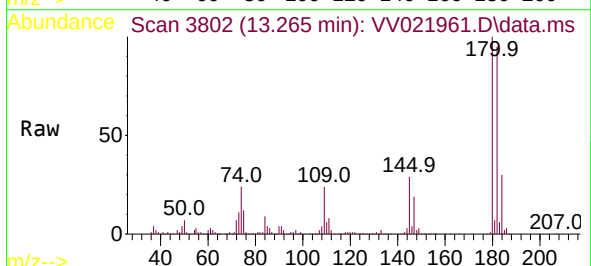
Instrument :
MSVOA_V
ClientSampleId :



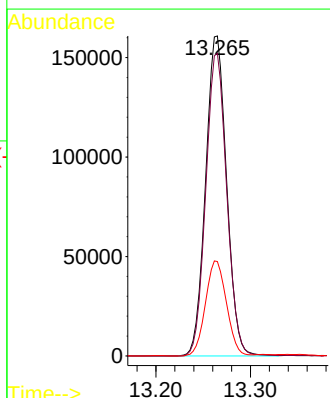
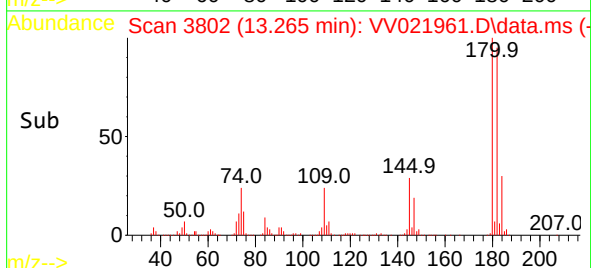
Tgt Ion:180 Resp: 267143
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
184 29.8 24.1 36.1
145 29.1 23.6 35.4

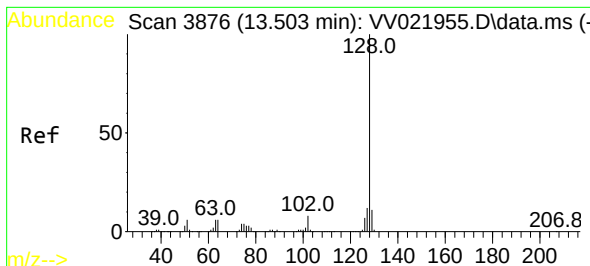


#70
1,2,4-trichlorobenzene
Concen: 55.274 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52



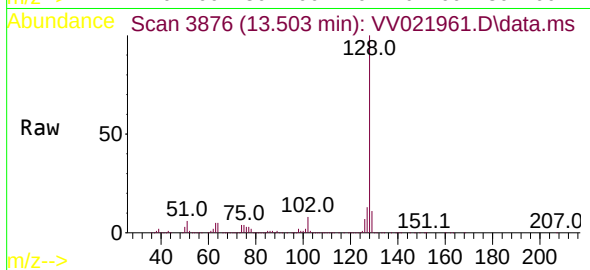
Tgt Ion:180 Resp: 248340
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.6
145 29.7 23.9 35.9



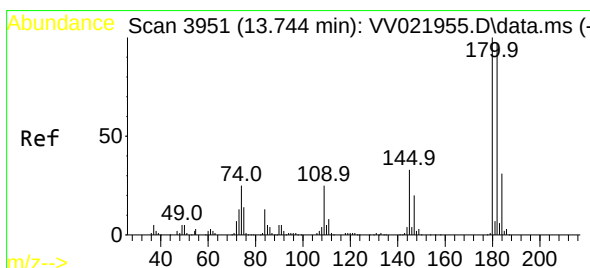
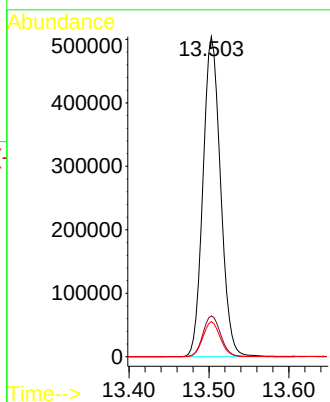
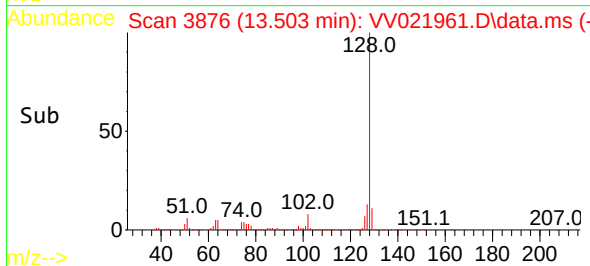


#71
Naphthalene
Concen: 59.199 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52

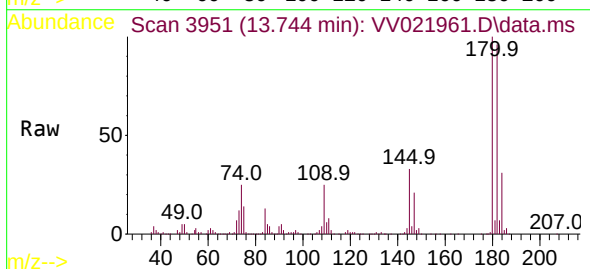
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 772599
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 52.557 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021961.D
Acq: 26 Aug 2021 16:52



Tgt Ion:180 Resp: 237215
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.2
145 33.5 25.6 38.4

