

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021899.D
 Acq On : 19 Aug 2021 19:13
 Operator : SY/MD
 Sample : M3448-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKG6MS

Quant Time: Aug 20 02:19:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	457336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	426889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	219987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130918	36.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.240%
7) Chloroethane-d5	1.558	69	104428	38.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.420%
11) 1,1-Dichloroethene-d2	2.105	63	219401	38.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.100%
21) 2-Butanone-d5	3.876	46	222019	99.846	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.850%
24) Chloroform-d	4.349	84	259348	41.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
26) 1,2-Dichloroethane-d4	5.034	65	150748	42.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
32) Benzene-d6	5.050	84	519390	42.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
36) 1,2-Dichloropropane-d6	6.072	67	163999	42.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	7.317	98	482868	42.557	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.120%
43) trans-1,3-Dichloroprop...	7.622	79	76331	40.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.140%
47) 2-Hexanone-d5	8.088	63	139270	111.156	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	235559	49.724	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	11.625	152	198144	43.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	142321	40.224	ug/L	100
3) Chloromethane	1.240	50	151991	41.364	ug/L	99
5) Vinyl chloride	1.307	62	151834	41.964	ug/L	99
6) Bromomethane	1.507	94	87091	40.046	ug/L	99
8) Chloroethane	1.577	64	93960	43.457	ug/L	99
9) Trichlorofluoromethane	1.748	101	215974	43.566	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	115551	40.711	ug/L	99
12) 1,1-Dichloroethene	2.114	96	115217	42.618	ug/L	95
13) Acetone	2.159	43	122886	67.164	ug/L #	100
14) Carbon disulfide	2.291	76	375911	41.326	ug/L	99
15) Methyl Acetate	2.426	43	149691	44.534	ug/L	97
16) Methylene chloride	2.503	84	156236	41.548	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	142488	44.916	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	462783	47.435	ug/L	99
19) 1,1-Dichloroethane	3.188	63	255509	45.247	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	161791	44.043	ug/L	100
22) 2-Butanone	3.960	43	233386	87.589	ug/L	99
23) Bromochloromethane	4.249	128	85089	43.659	ug/L	98
25) Chloroform	4.375	83	262030	43.124	ug/L	98

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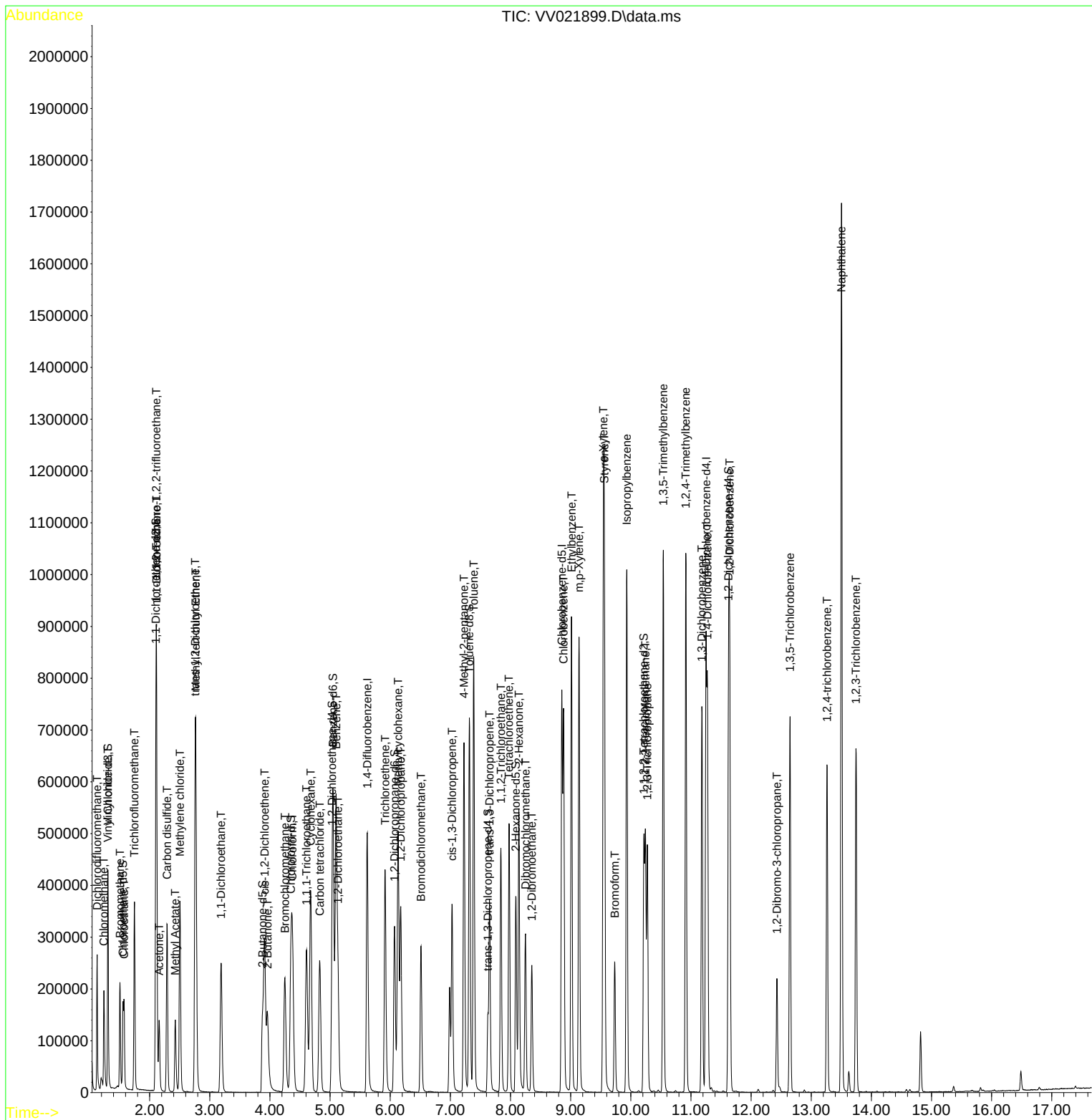
Instrument :
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 ClientSampleId :
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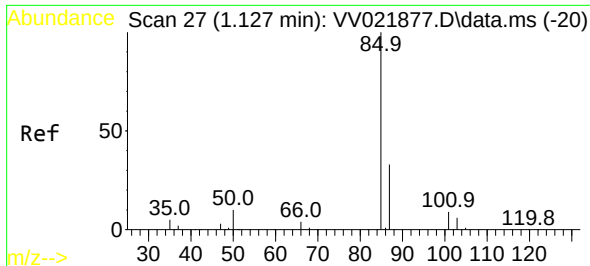
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 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	182992	42.744	ug/L	100
29) Cyclohexane	4.677	56	226231	43.030	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	229712	43.003	ug/L	99
31) Carbon tetrachloride	4.828	117	197426	42.713	ug/L	99
33) Benzene	5.101	78	581204	44.243	ug/L	100
34) Trichloroethene	5.915	95	149318	39.554	ug/L	98
35) Methylcyclohexane	6.130	83	228257	41.445	ug/L	98
37) 1,2-Dichloropropane	6.175	63	146551	44.058	ug/L	100
38) Bromodichloromethane	6.513	83	190636	43.483	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	223765	42.483	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	439251	95.998	ug/L	99
42) Toluene	7.387	91	620296	44.211	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	211412	42.591	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	148942	44.698	ug/L	99
46) Tetrachloroethene	7.976	164	121867	43.438	ug/L	98
48) 2-Hexanone	8.140	43	327467	92.392	ug/L	97
49) Dibromochloromethane	8.249	129	161314	43.846	ug/L	99
50) 1,2-Dibromoethane	8.355	107	164030	45.235	ug/L	99
51) Chlorobenzene	8.882	112	402698	43.960	ug/L	100
52) Ethylbenzene	9.014	91	657992	43.959	ug/L	99
53) m,p-Xylene	9.140	106	258570	44.572	ug/L	98
54) o-Xylene	9.545	106	256346	44.580	ug/L	99
55) Styrene	9.561	104	427459	44.392	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	242588	52.295	ug/L	99
59) Bromoform	9.735	173	115475	44.157	ug/L	99
60) Isopropylbenzene	9.934	105	665437	45.119	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	189036	46.499	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	562357	45.437	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	565885	44.968	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	316310	44.287	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	313169	43.927	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	319054	44.282	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	49261	49.838	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225993	43.651	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	197920	45.582	ug/L	99
71) Naphthalene	13.503	128	1323670	104.947	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205309	47.068	ug/L	100

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

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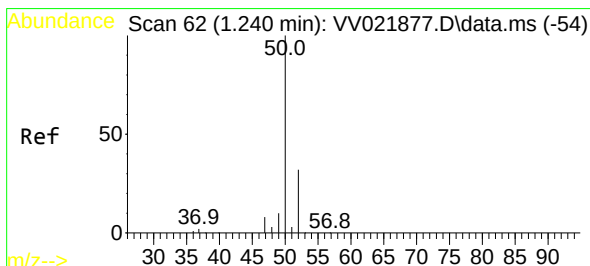
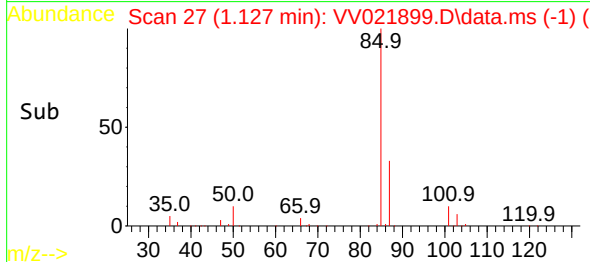
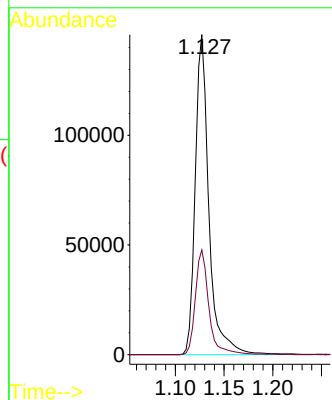
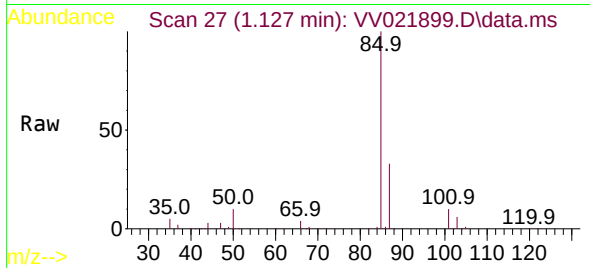




#2
 Dichlorodifluoromethane
 Concen: 40.224 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021899.D
 Acq: 19 Aug 2021 19:13

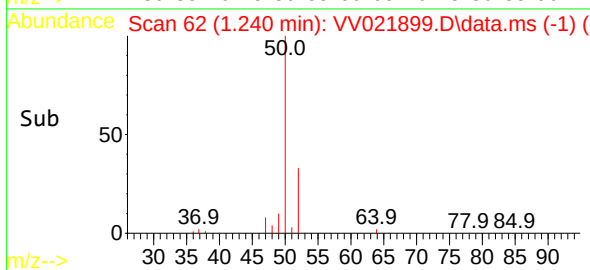
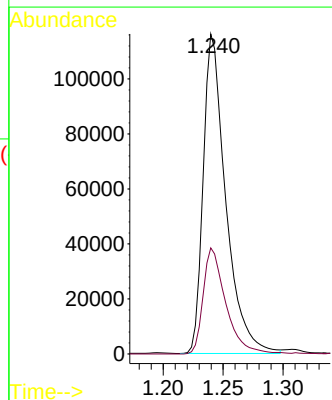
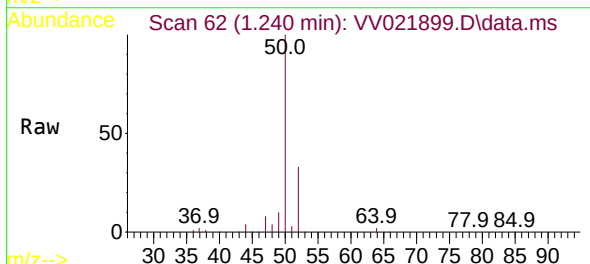
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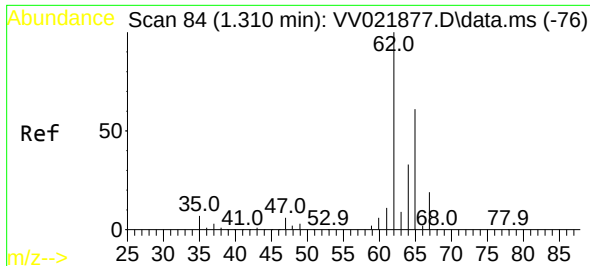
Tgt Ion: 85 Resp: 142321
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 41.364 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021899.D
 Acq: 19 Aug 2021 19:13

Tgt Ion: 50 Resp: 151991
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1

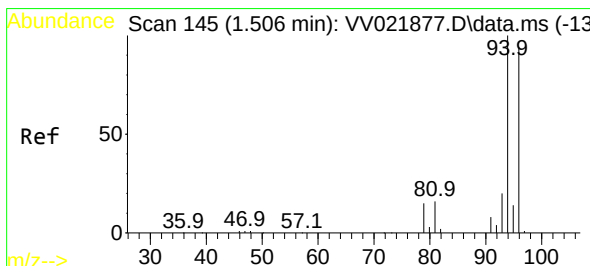
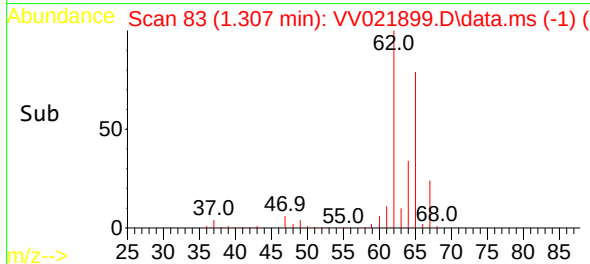
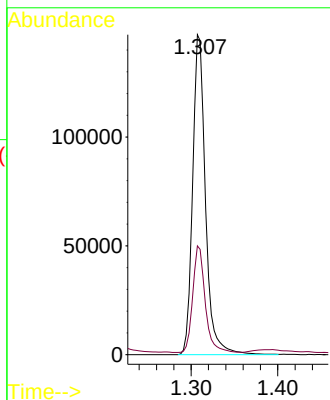
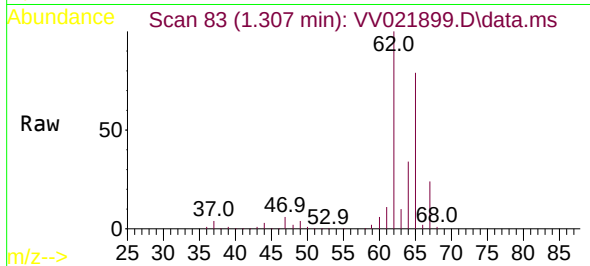




#5
 Vinyl chloride
 Concen: 41.964 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021899.D
 Acq: 19 Aug 2021 19:13

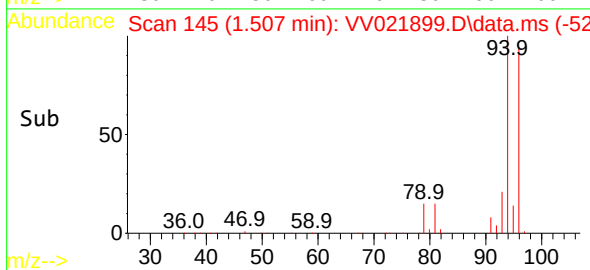
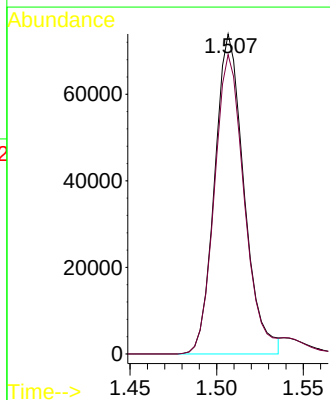
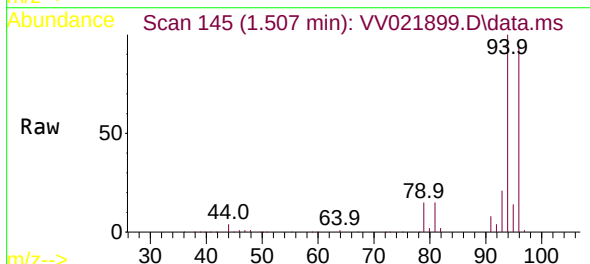
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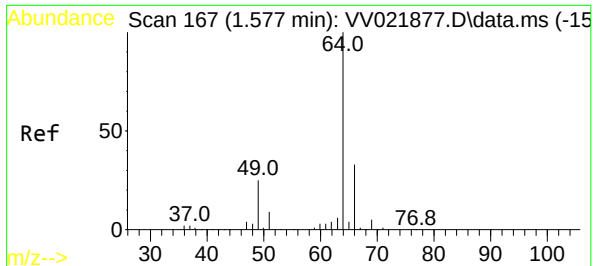
Tgt Ion: 62 Resp: 151834
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.4 43.4



#6
 Bromomethane
 Concen: 40.046 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021899.D
 Acq: 19 Aug 2021 19:13

Tgt Ion: 94 Resp: 87091
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.8 120.3

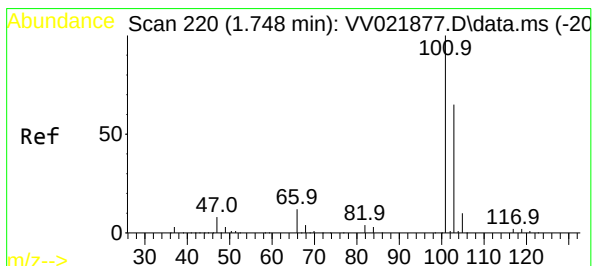
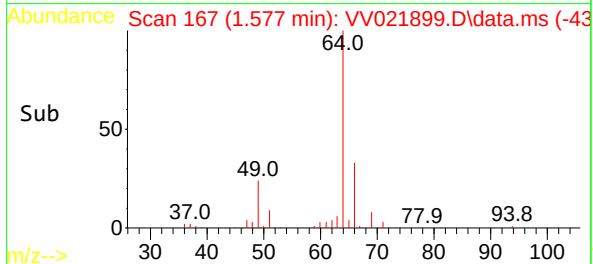
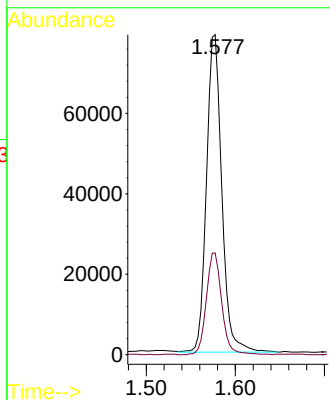
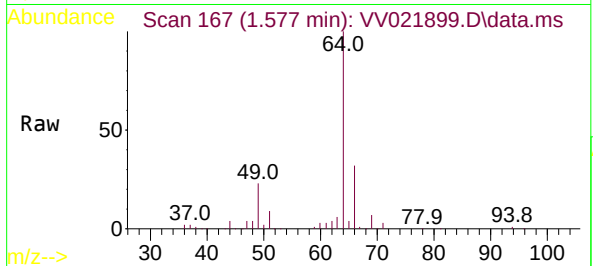




#8
Chloroethane
Concen: 43.457 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

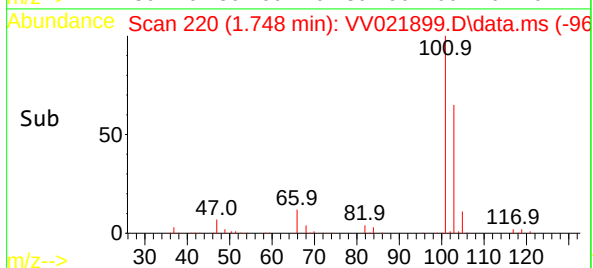
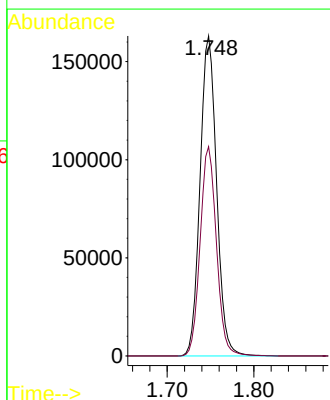
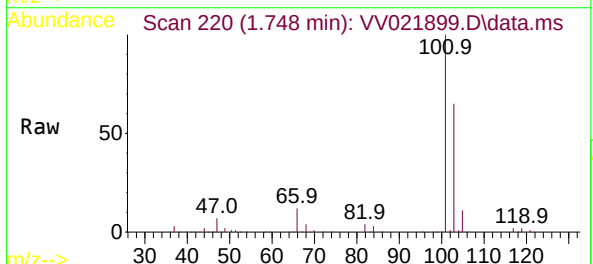
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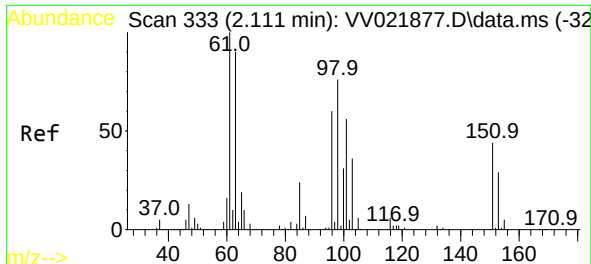
Tgt Ion: 64 Resp: 93960
Ion Ratio Lower Upper
64 100
66 31.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 43.566 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 101 Resp: 215974
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

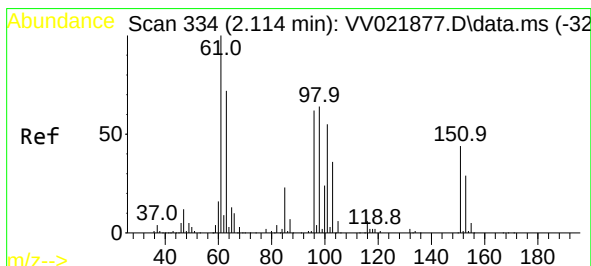
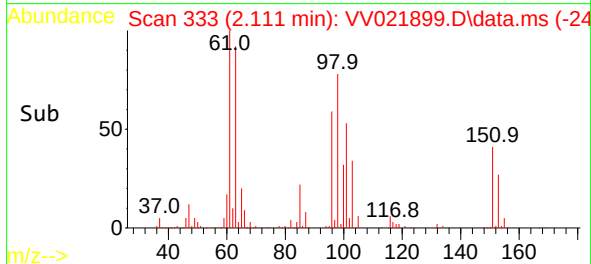
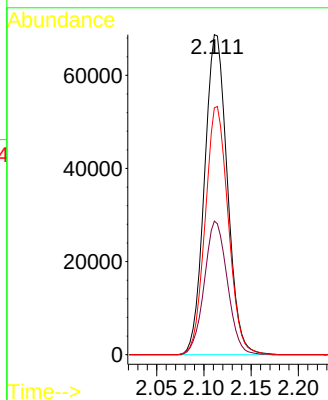
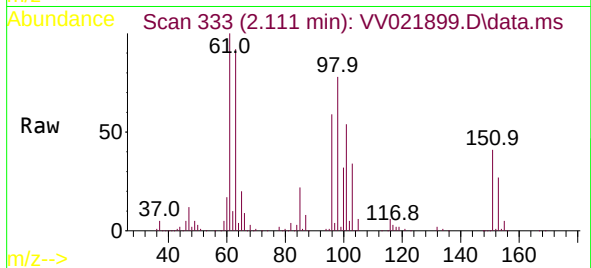




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.711 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

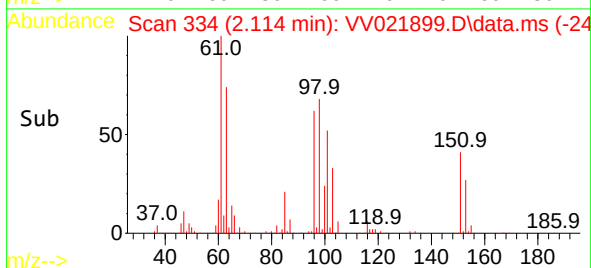
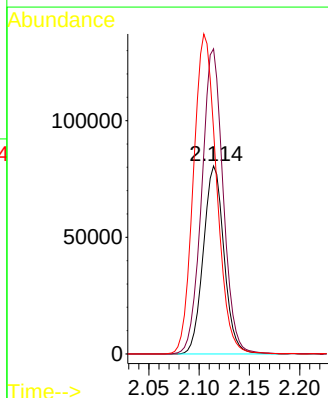
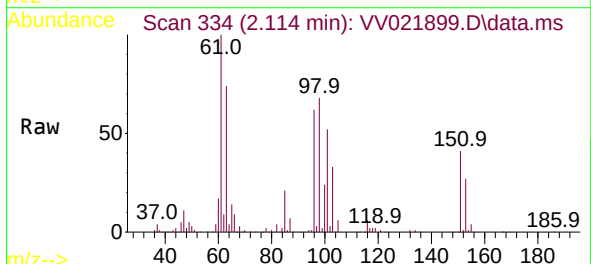
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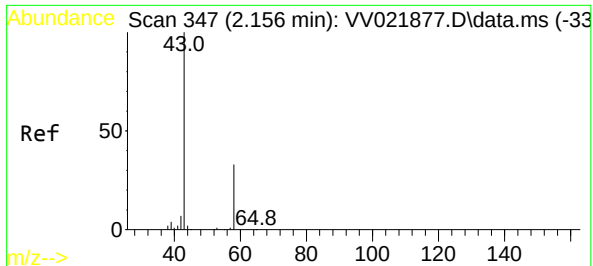
Tgt Ion:101 Resp: 115551
Ion Ratio Lower Upper
101 100
85 42.1 33.4 50.2
151 78.2 62.2 93.2



#12
1,1-Dichloroethene
Concen: 42.618 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 96 Resp: 115217
Ion Ratio Lower Upper
96 100
61 162.3 115.5 214.5
63 119.4 90.3 167.7

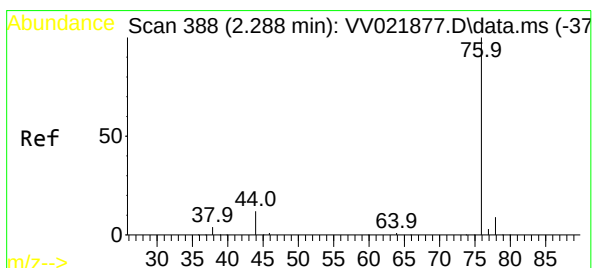
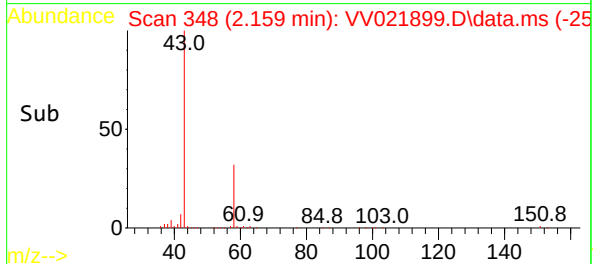
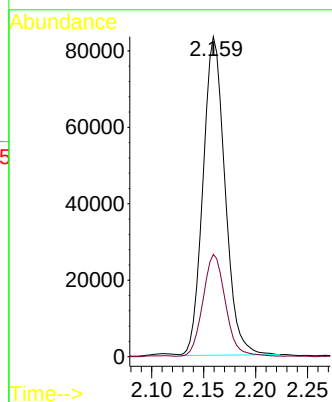
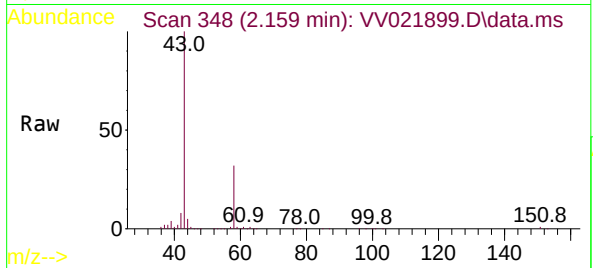




#13
Acetone
Concen: 67.164 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

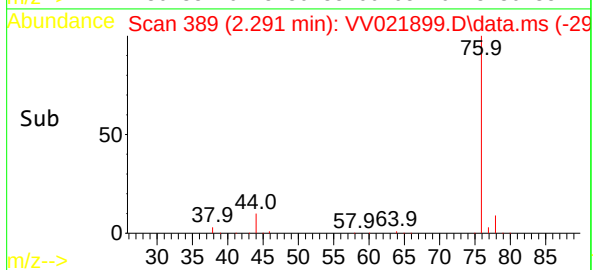
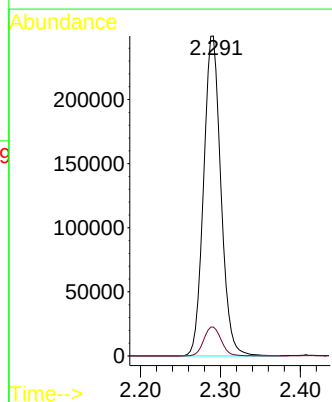
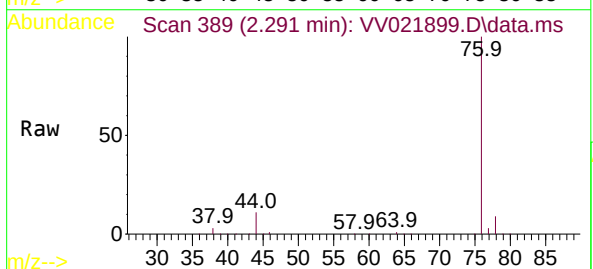
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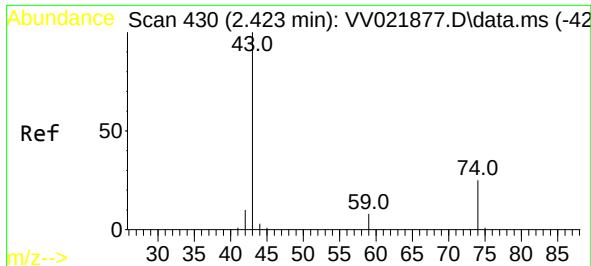
Tgt Ion: 43 Resp: 122886
Ion Ratio Lower Upper
43 100
58 32.8 0.0 0.0#



#14
Carbon disulfide
Concen: 41.326 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 76 Resp: 375911
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

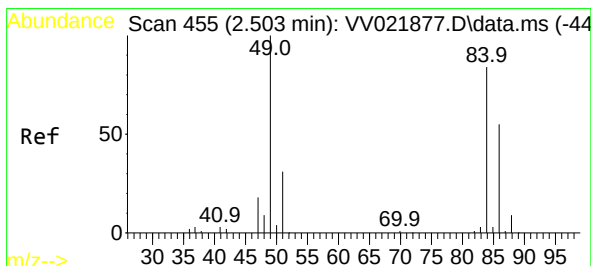
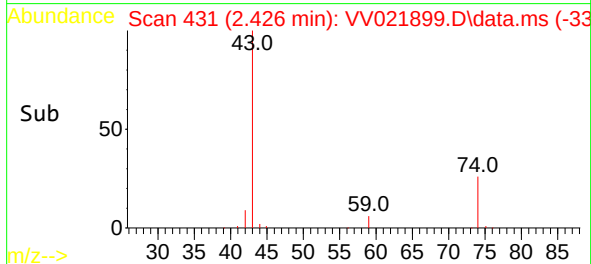
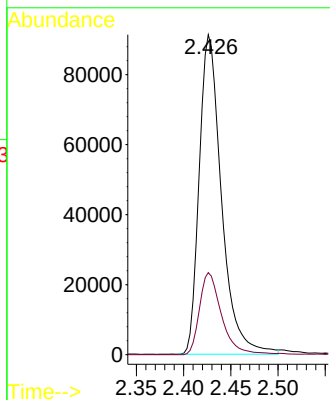
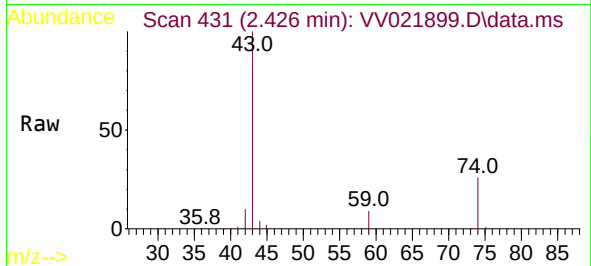




#15
Methyl Acetate
Concen: 44.534 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

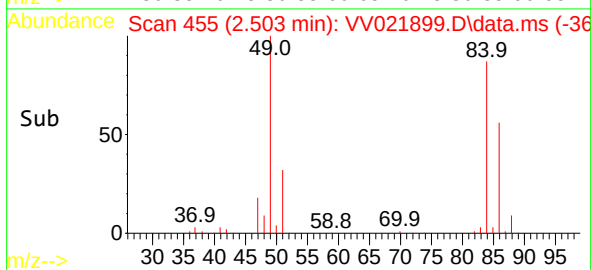
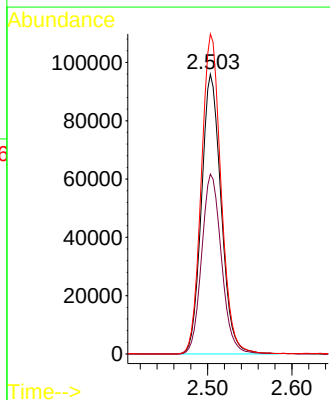
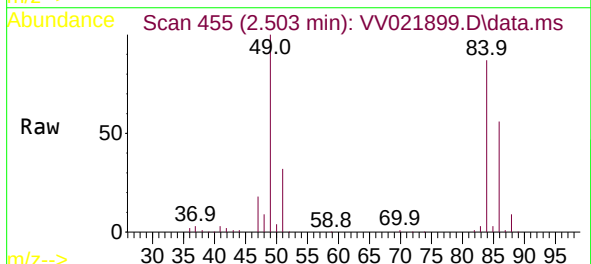
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

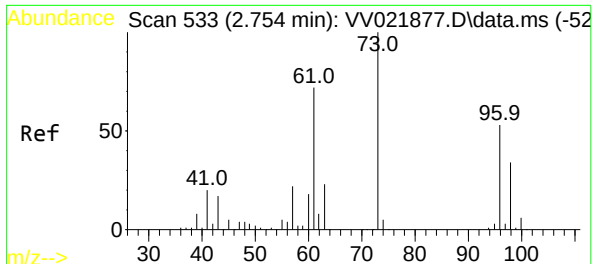
Tgt Ion: 43 Resp: 149691
Ion Ratio Lower Upper
43 100
74 25.4 19.0 28.6



#16
Methylene chloride
Concen: 41.548 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 84 Resp: 156236
Ion Ratio Lower Upper
84 100
86 64.3 44.7 83.1
49 114.4 82.5 153.3

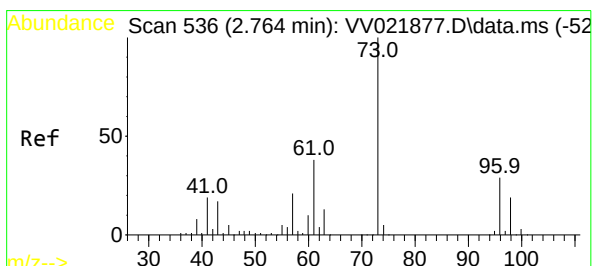
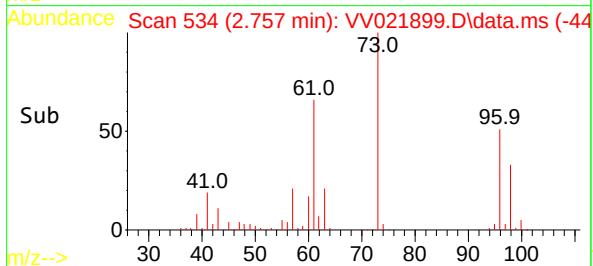
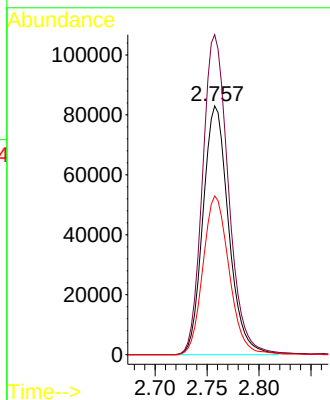
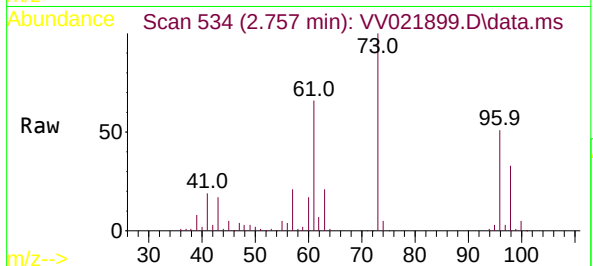




#17
trans-1,2-Dichloroethene
Concen: 44.916 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

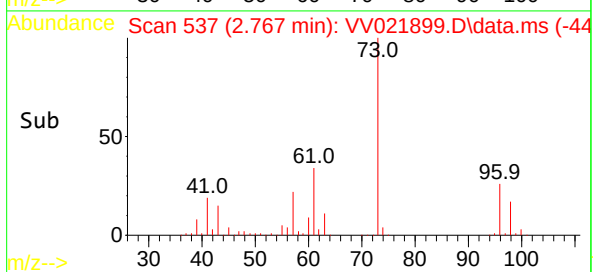
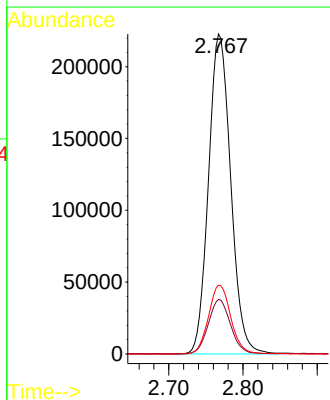
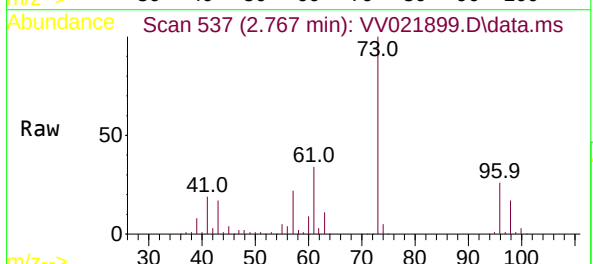
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

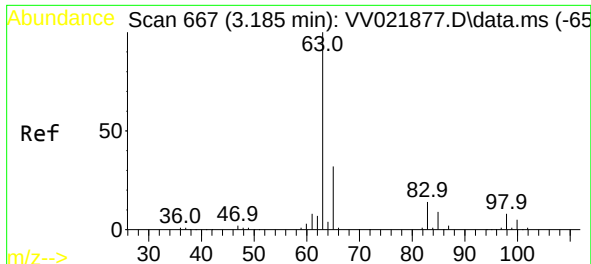
Tgt Ion: 96 Resp: 142488
Ion Ratio Lower Upper
96 100
61 128.6 90.4 168.0
98 63.8 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 47.435 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 73 Resp: 462783
Ion Ratio Lower Upper
73 100
43 16.9 14.2 21.4
57 21.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 45.247 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

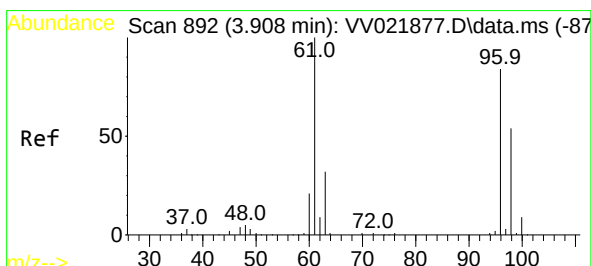
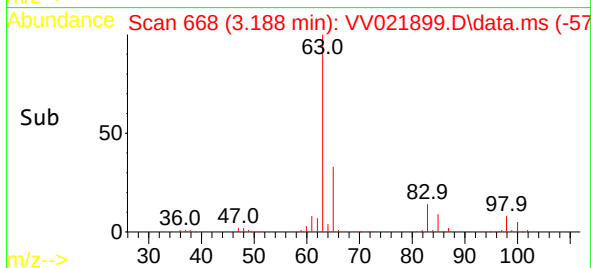
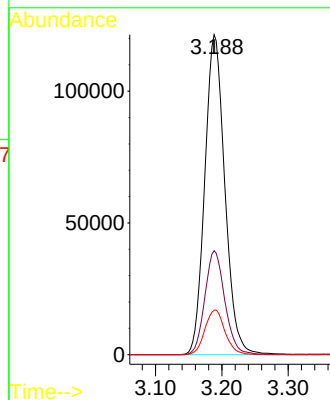
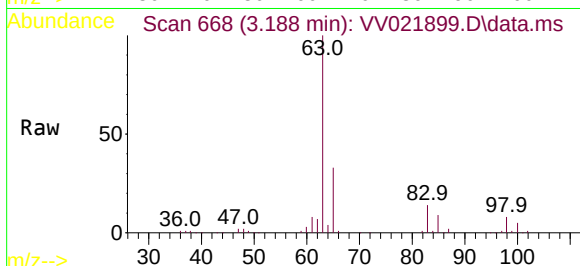
Tgt Ion: 63 Resp: 255509

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 44.043 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

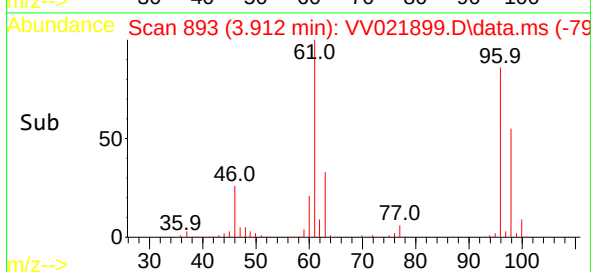
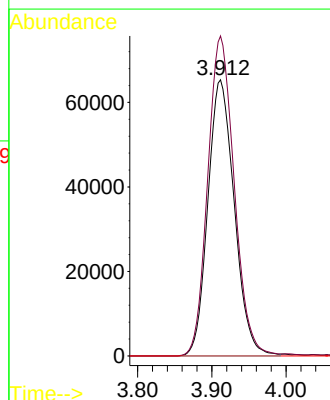
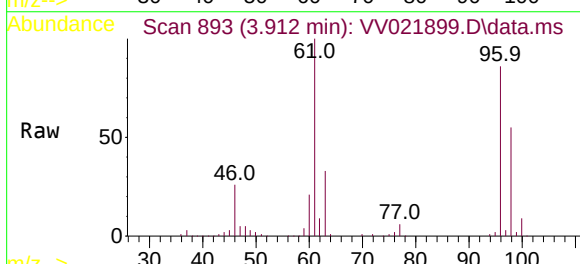
Tgt Ion: 96 Resp: 161791

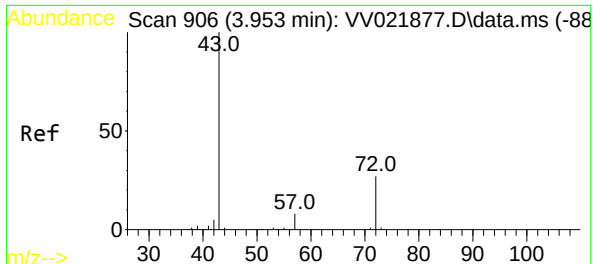
Ion Ratio Lower Upper

96 100

61 115.9 81.0 150.4

68 0.0 0.0 0.0

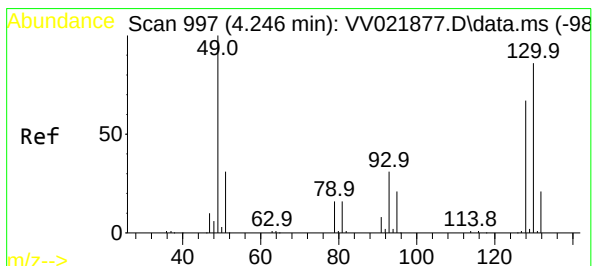
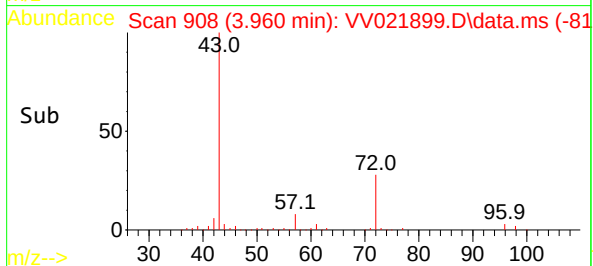
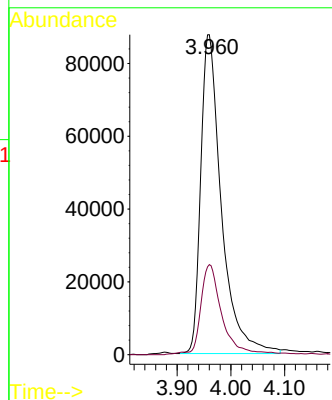
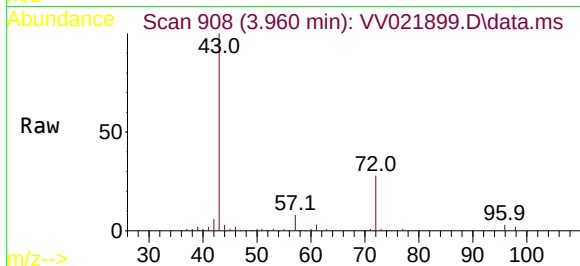




#22
2-Butanone
Concen: 87.589 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.007 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

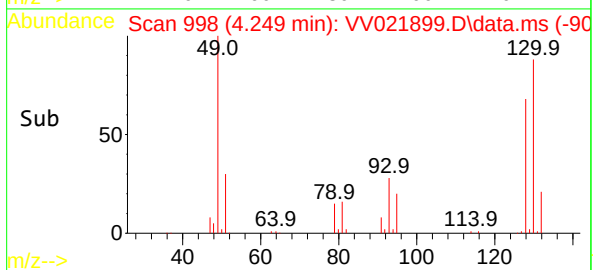
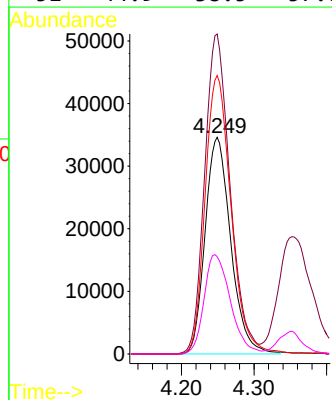
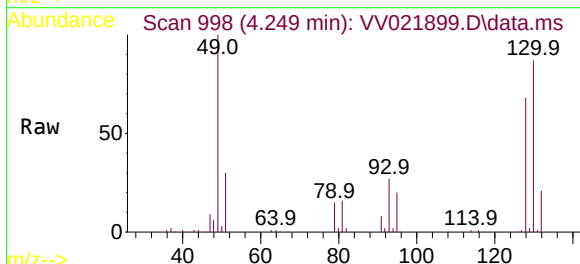
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

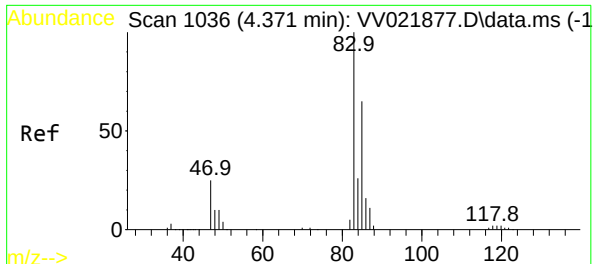
Tgt Ion: 43 Resp: 233386
Ion Ratio Lower Upper
43 100
72 26.6 13.6 40.8



#23
Bromochloromethane
Concen: 43.659 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 128 Resp: 85089
Ion Ratio Lower Upper
128 100
49 147.8 105.6 196.0
130 128.6 89.5 166.1
51 44.9 38.5 57.7





#25

Chloroform

Concen: 43.124 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV021899.D

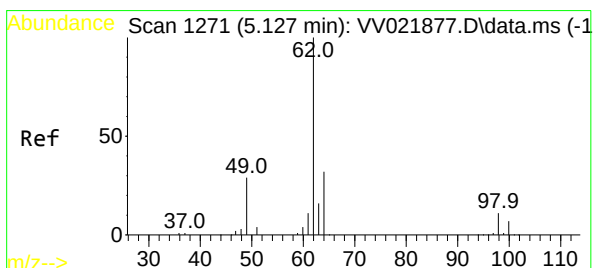
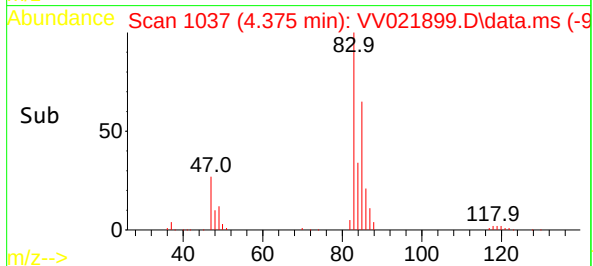
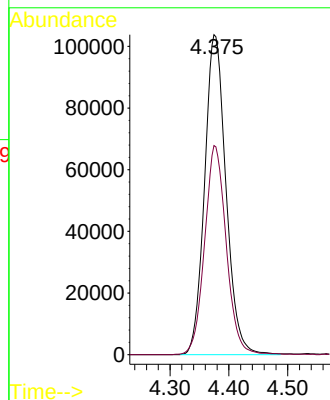
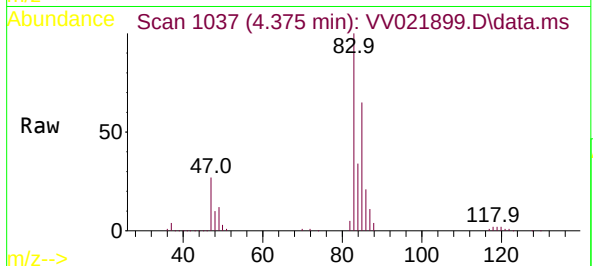
Acq: 19 Aug 2021 19:13

Tgt Ion: 83 Resp: 262030

Ion Ratio Lower Upper

83 100

85 65.4 44.8 83.2



#27

1,2-Dichloroethane

Concen: 42.744 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021899.D

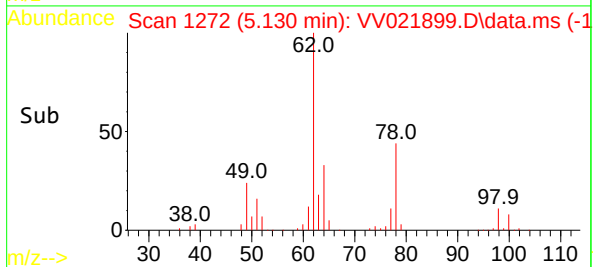
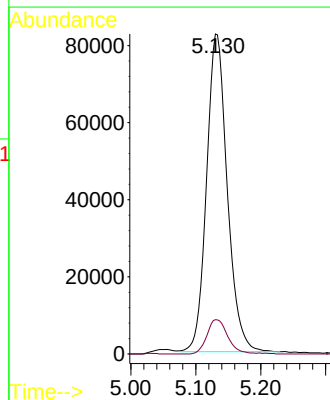
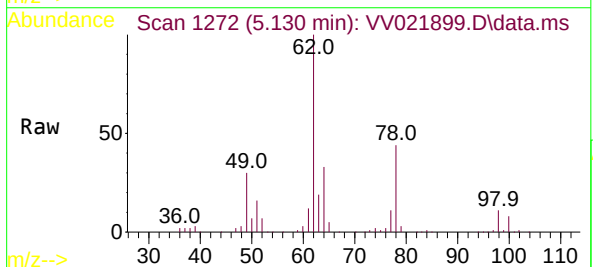
Acq: 19 Aug 2021 19:13

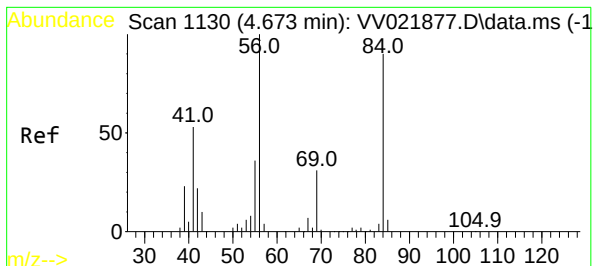
Tgt Ion: 62 Resp: 182992

Ion Ratio Lower Upper

62 100

98 10.7 8.6 13.0





#29

Cyclohexane

Concen: 43.030 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

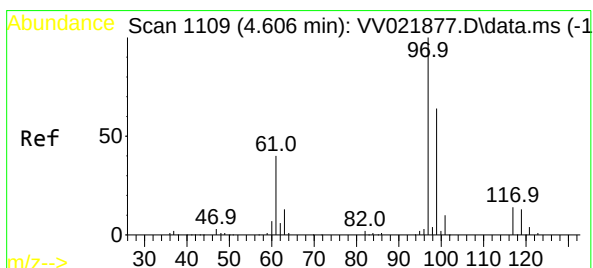
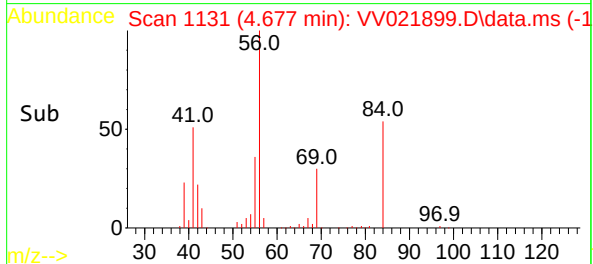
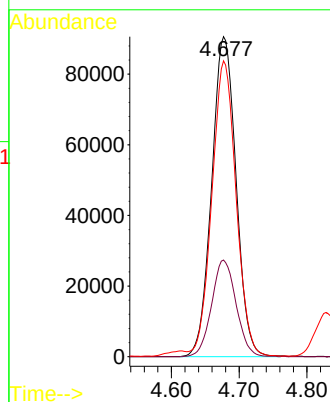
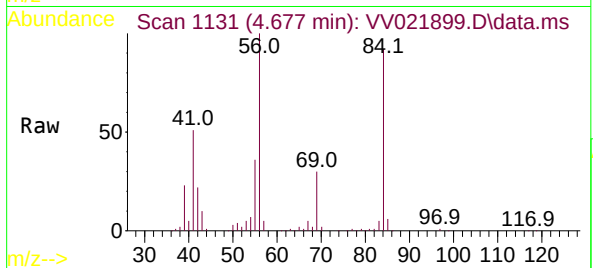
Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

Tgt Ion: 56 Resp: 226231

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.9	37.3
84	91.0	72.6	109.0

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS



#30

1,1,1-Trichloroethane

Concen: 43.003 ug/L

RT: 4.609 min Scan# 1110

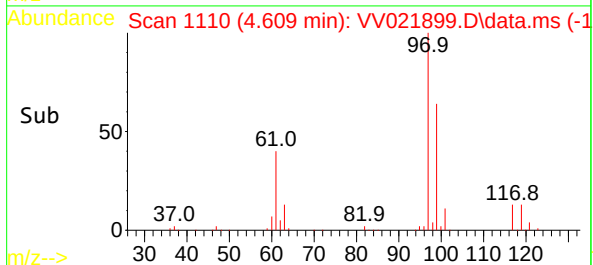
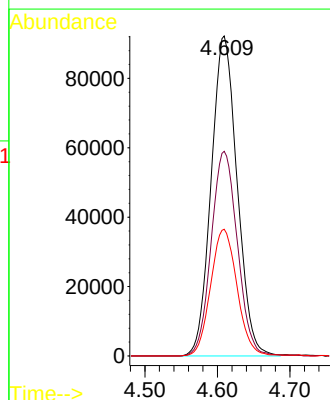
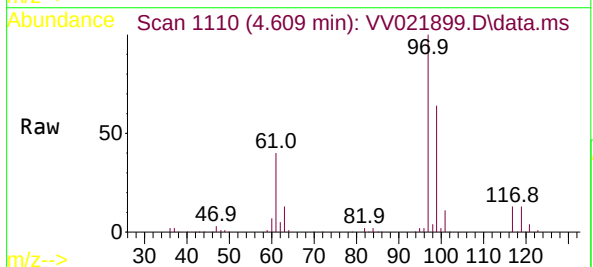
Delta R.T. 0.003 min

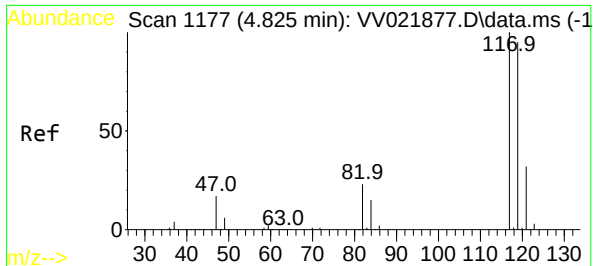
Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

Tgt Ion: 97 Resp: 229712

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	40.2	32.3	48.5

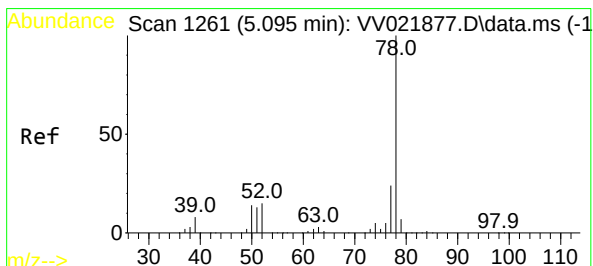
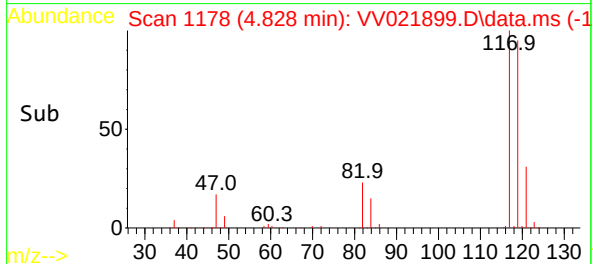
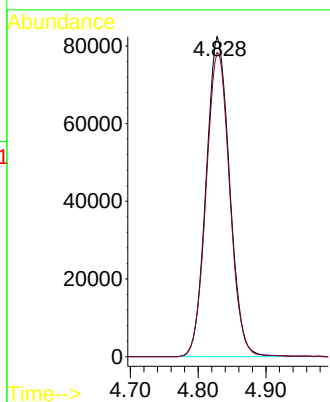
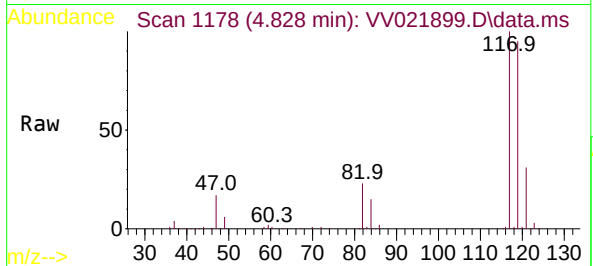




#31
Carbon tetrachloride
Concen: 42.713 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

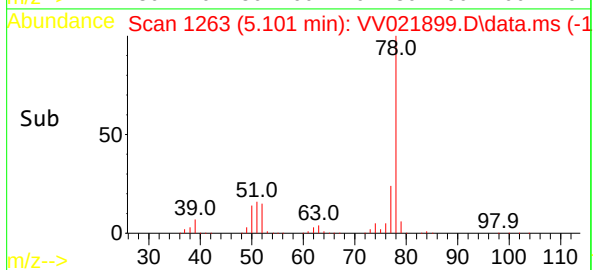
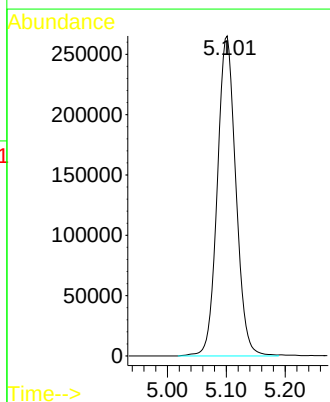
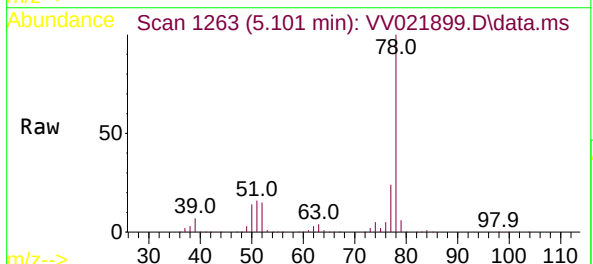
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

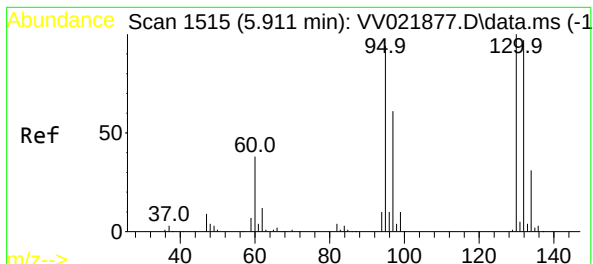
Tgt Ion:117 Resp: 197426
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7



#33
Benzene
Concen: 44.243 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 78 Resp: 581204

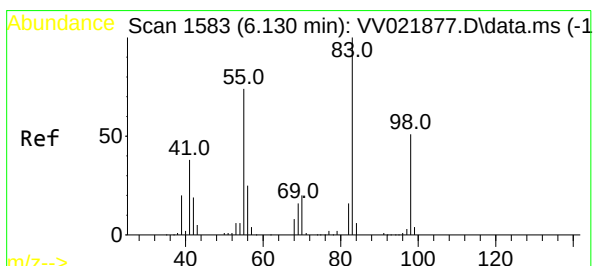
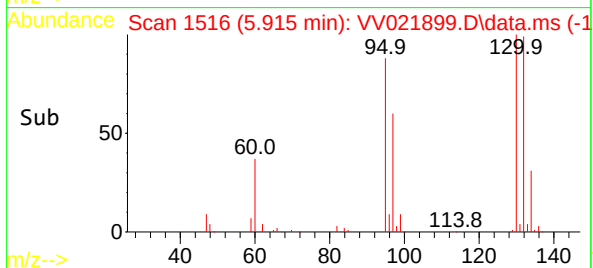
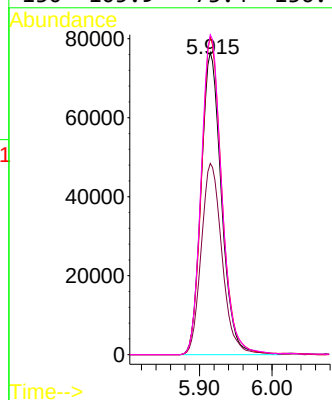
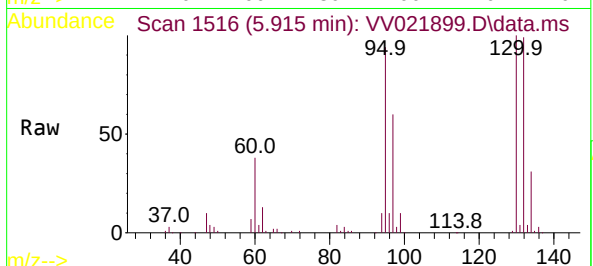




#34
Trichloroethene
Concen: 39.554 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

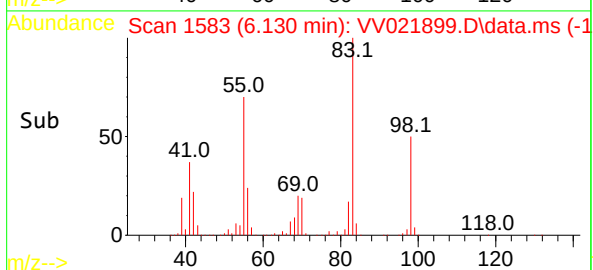
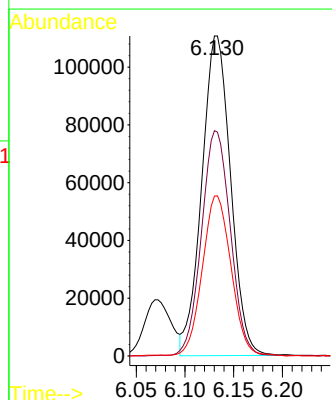
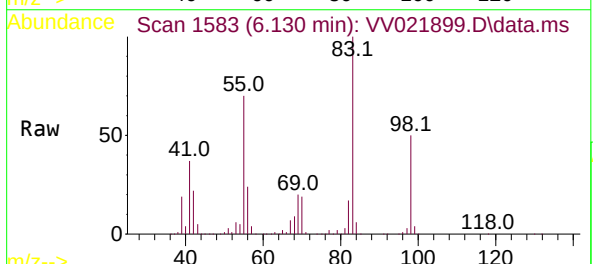
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

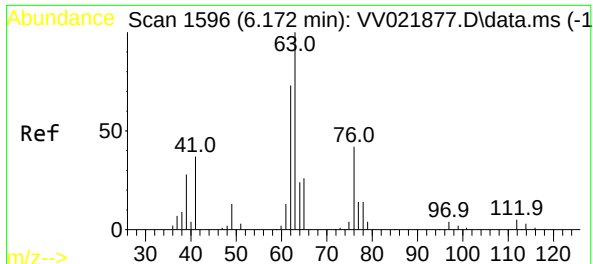
Tgt Ion: 95 Resp: 149318
Ion Ratio Lower Upper
95 100
97 63.3 44.1 81.9
132 105.3 70.2 130.4
130 105.9 73.4 136.4



#35
Methylcyclohexane
Concen: 41.445 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 83 Resp: 228257
Ion Ratio Lower Upper
83 100
55 70.4 57.9 86.9
98 50.0 39.9 59.9

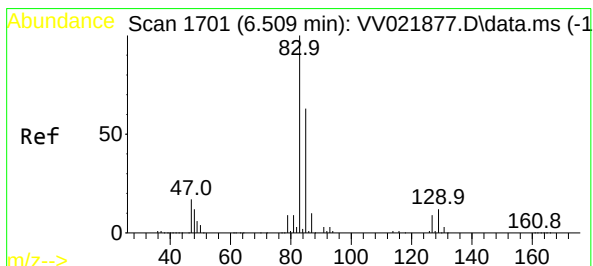
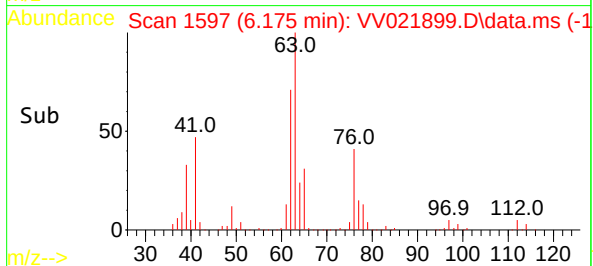
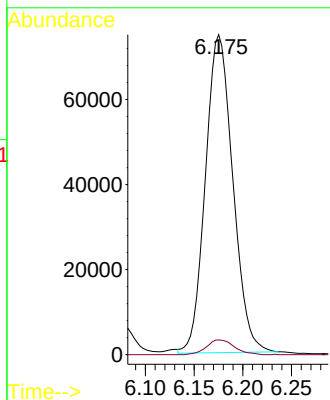
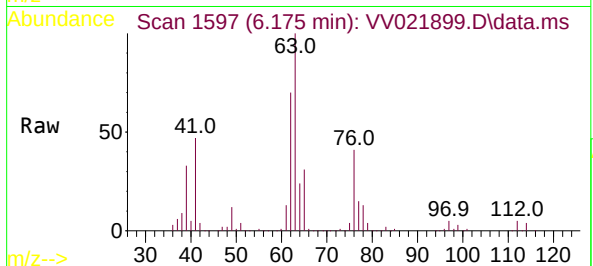




#37
1,2-Dichloropropane
Concen: 44.058 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

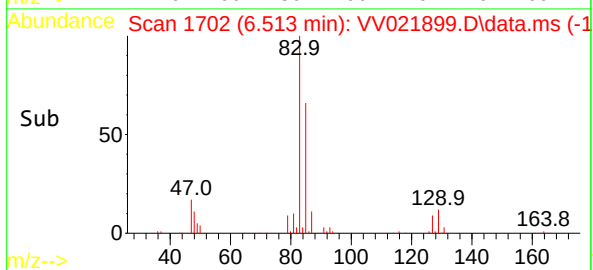
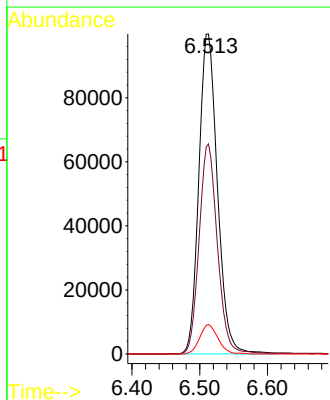
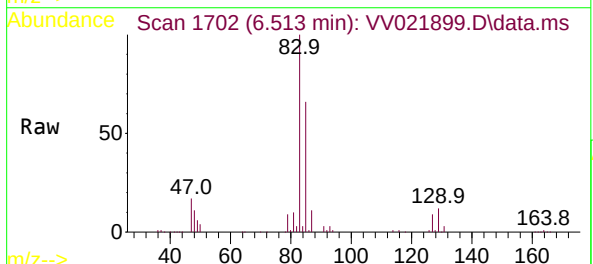
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

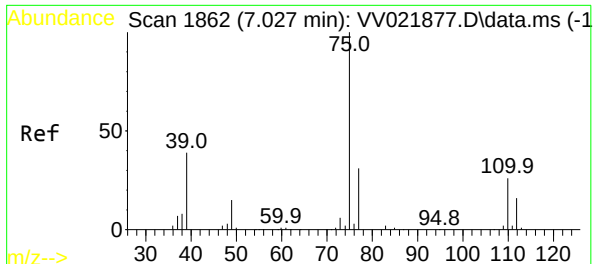
Tgt Ion: 63 Resp: 146551
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 43.483 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 83 Resp: 190636
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9
127 9.2 7.4 11.2

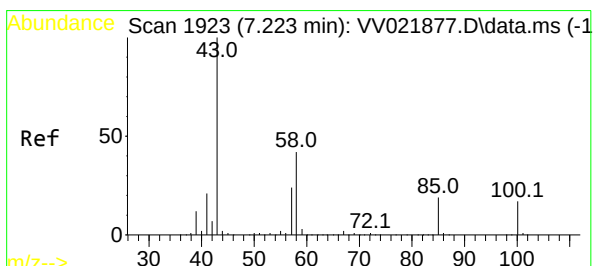
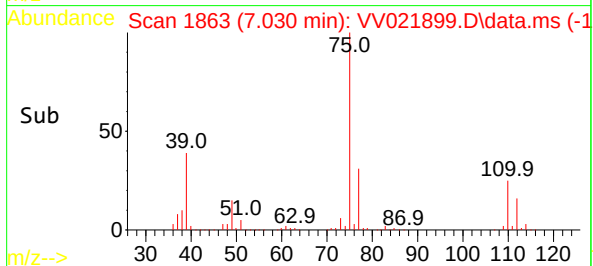
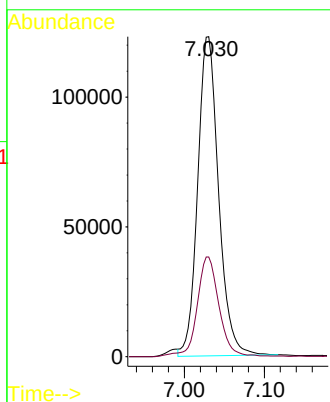
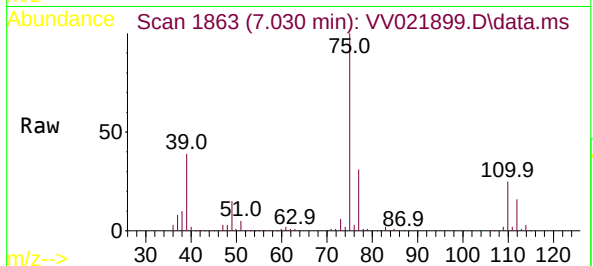




#39
cis-1,3-Dichloropropene
Concen: 42.483 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

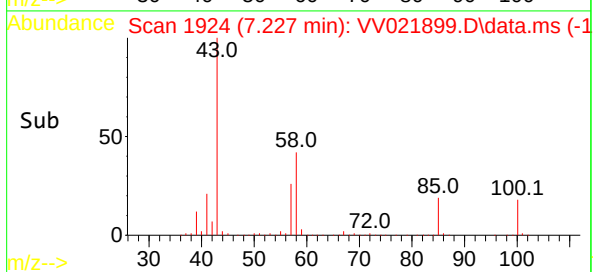
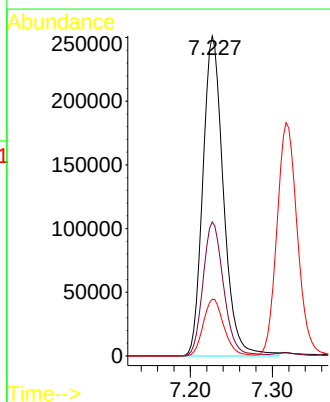
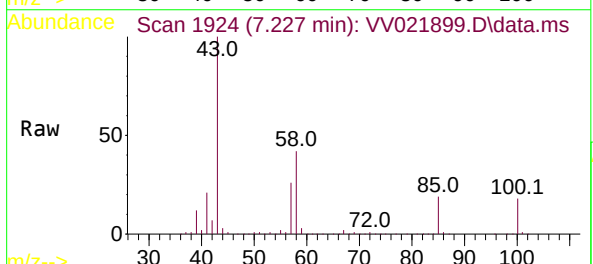
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

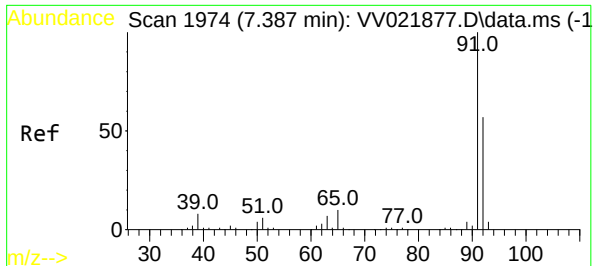
Tgt Ion: 75 Resp: 223765
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 95.998 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 43 Resp: 439251
Ion Ratio Lower Upper
43 100
58 41.9 32.9 49.3
100 17.8 14.0 21.0

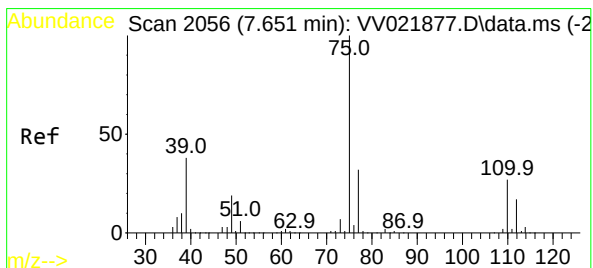
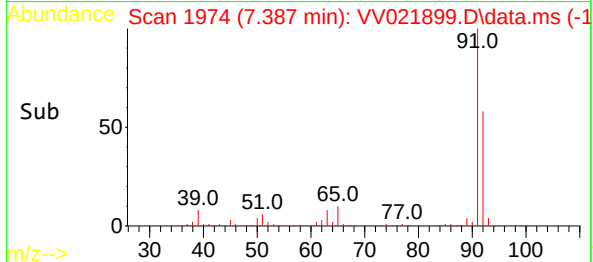
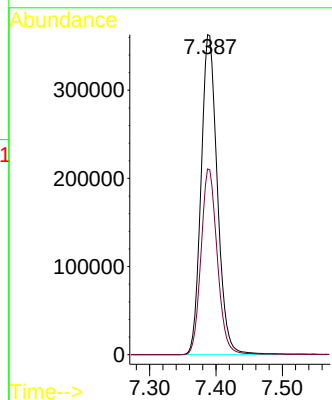
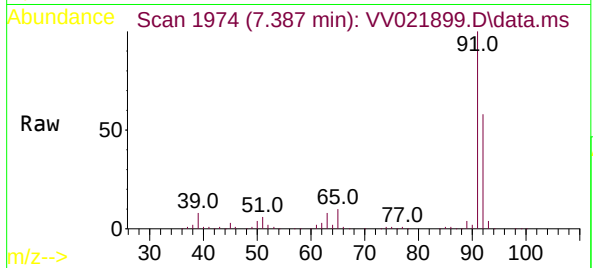




#42
Toluene
Concen: 44.211 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

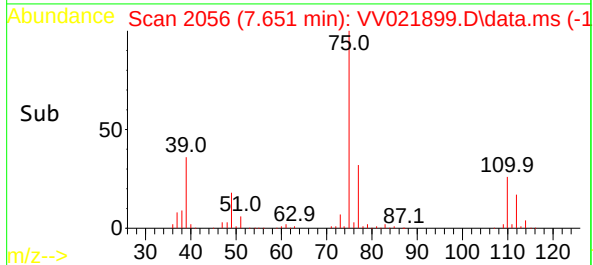
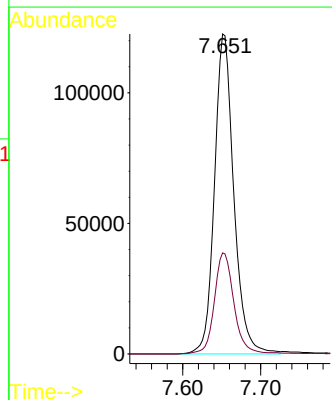
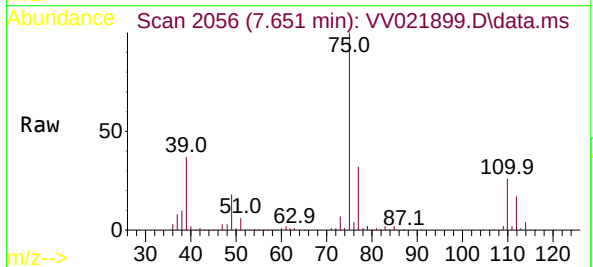
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

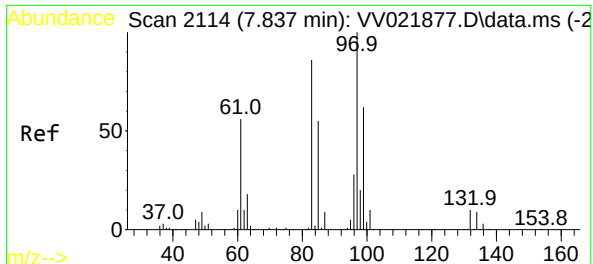
Tgt Ion: 91 Resp: 620296
Ion Ratio Lower Upper
91 100
92 58.0 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 42.591 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 75 Resp: 211412
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2





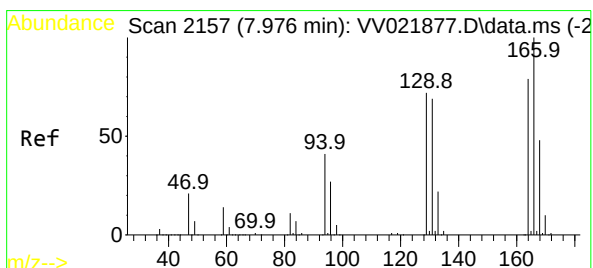
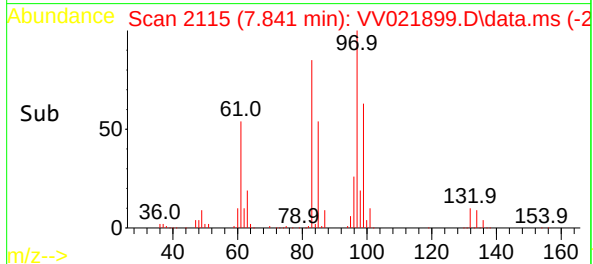
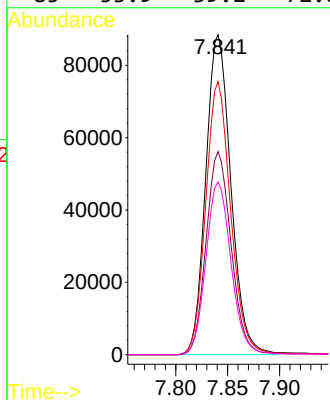
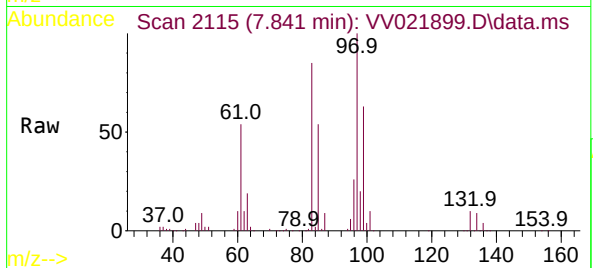
#45

1,1,2-Trichloroethane
Concen: 44.698 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

Tgt Ion: 97 Resp: 148942

Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.2	82.0
83	85.4	59.2	110.0
85	53.9	39.2	72.8

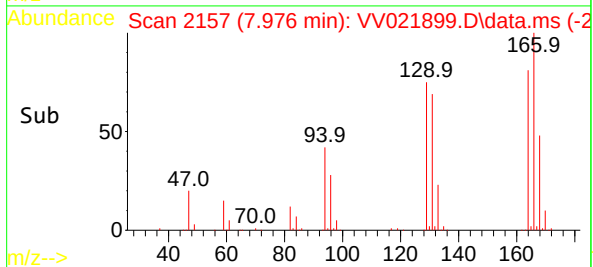
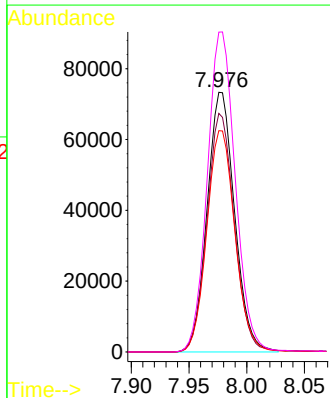
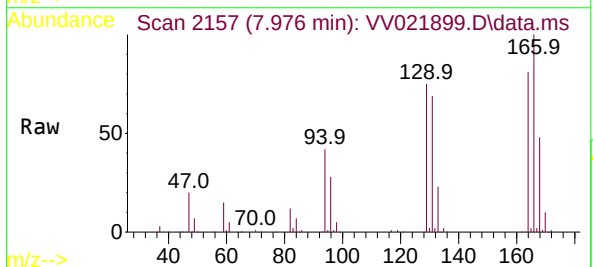


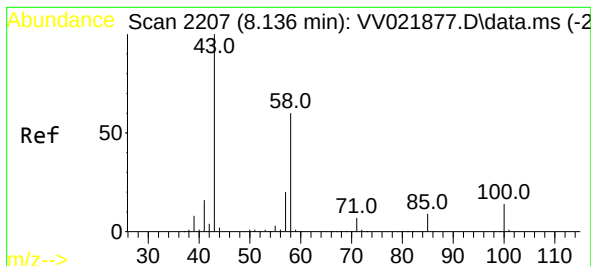
#46

Tetrachloroethene
Concen: 43.438 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 164 Resp: 121867

Ion	Ratio	Lower	Upper
164	100		
129	91.9	63.7	118.3
131	85.2	61.5	114.3
166	123.2	88.6	164.6



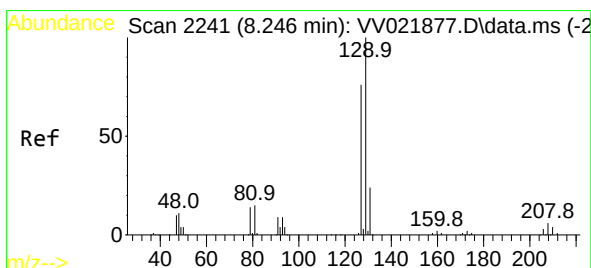
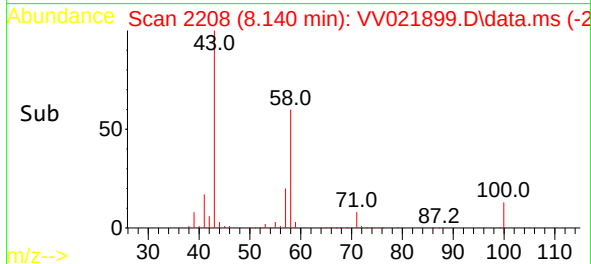
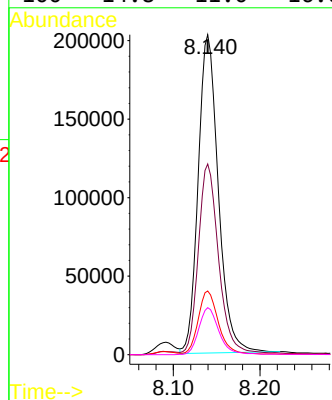
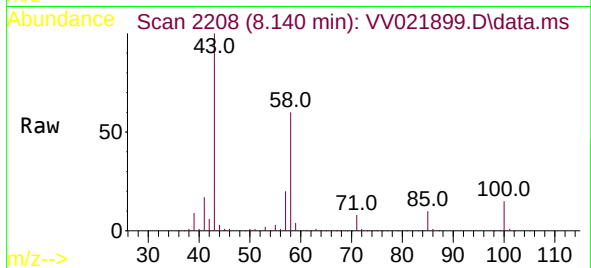


#48
2-Hexanone
Concen: 92.392 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

Tgt Ion: 43 Resp: 327467

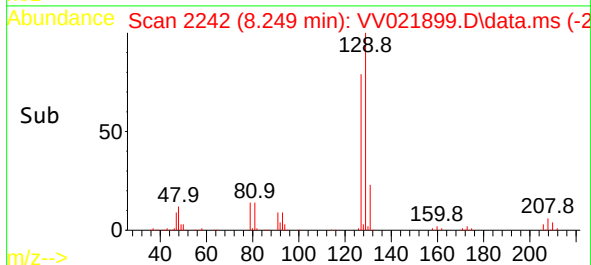
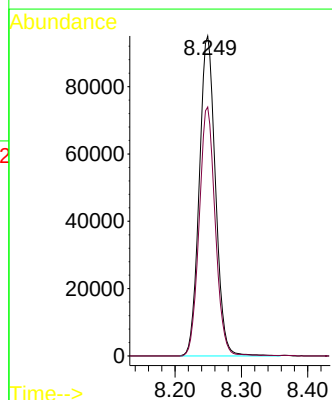
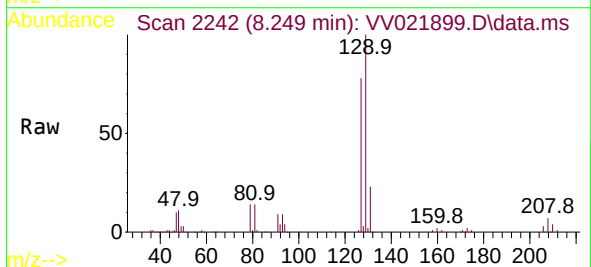
Ion	Ratio	Lower	Upper
43	100		
58	59.2	45.4	68.2
57	20.1	15.3	22.9
100	14.8	11.0	16.6

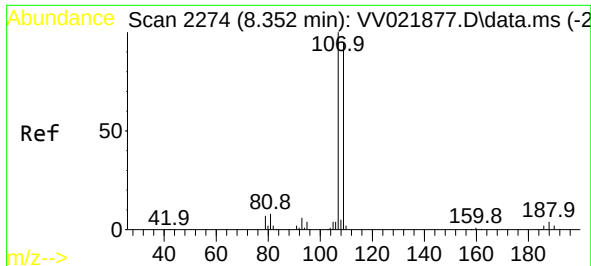


#49
Dibromochloromethane
Concen: 43.846 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 129 Resp: 161314

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.9	101.9





#50

1,2-Dibromoethane

Concen: 45.235 ug/L

RT: 8.355 min Scan# 2275

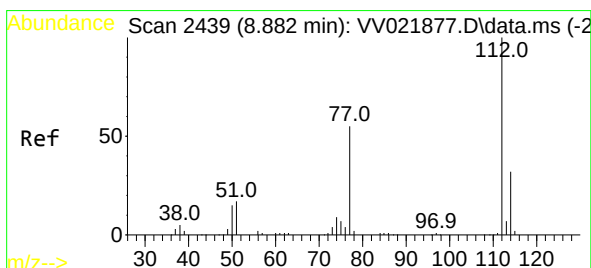
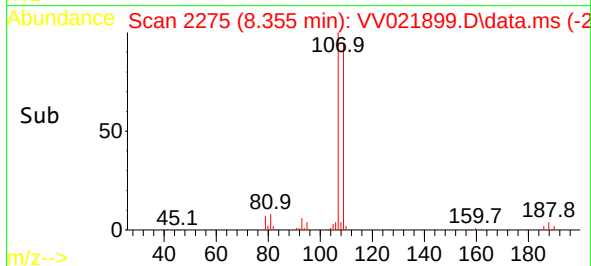
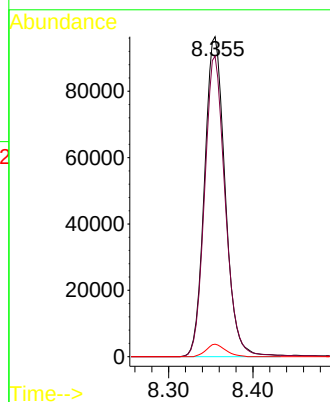
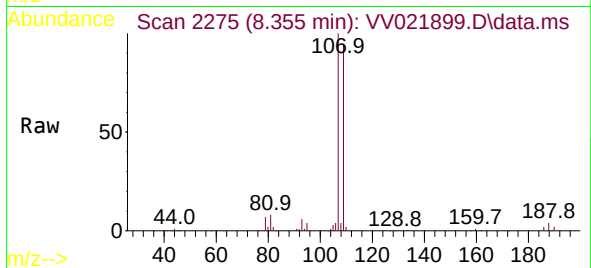
Delta R.T. 0.003 min

Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

Tgt Ion:	107	Resp:	164030
Ion	Ratio	Lower	Upper
107	100		
109	93.9	66.3	123.1
188	3.9	3.0	4.4

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS



#51

Chlorobenzene

Concen: 43.960 ug/L

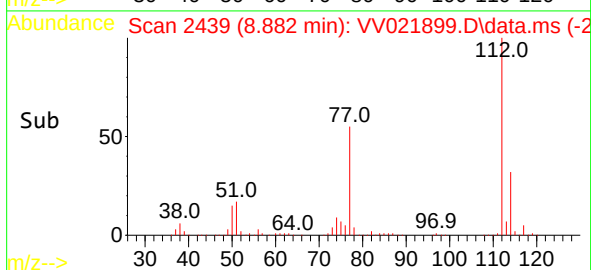
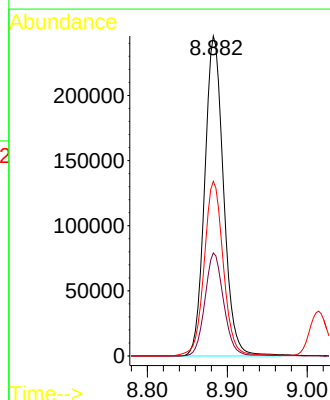
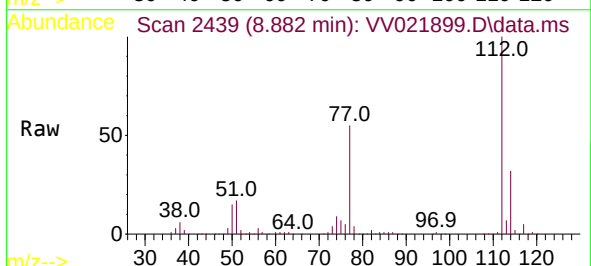
RT: 8.882 min Scan# 2439

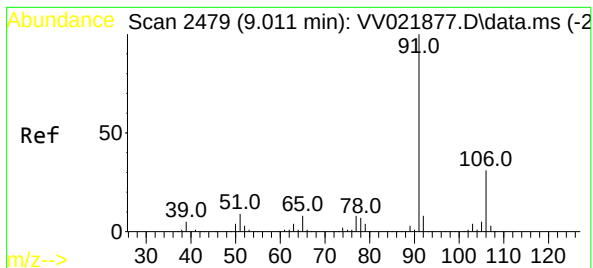
Delta R.T. 0.000 min

Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

Tgt Ion:	112	Resp:	402698
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.2	41.2
77	54.5	43.7	65.5





#52

Ethylbenzene

Concen: 43.959 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021899.D

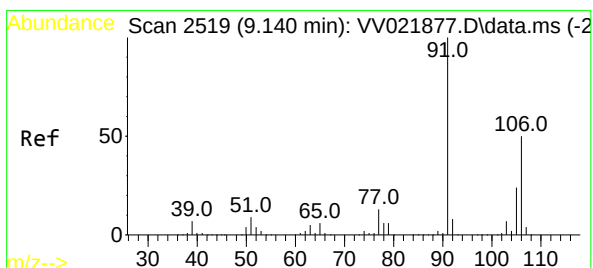
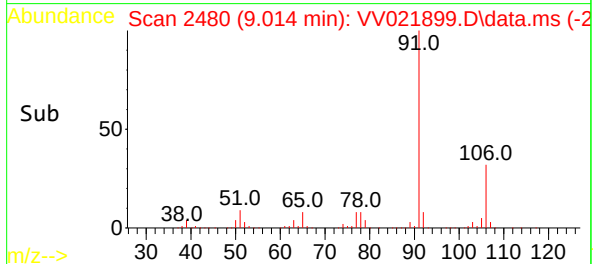
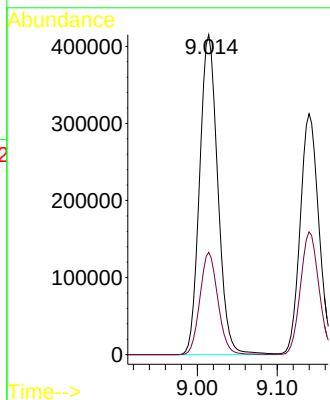
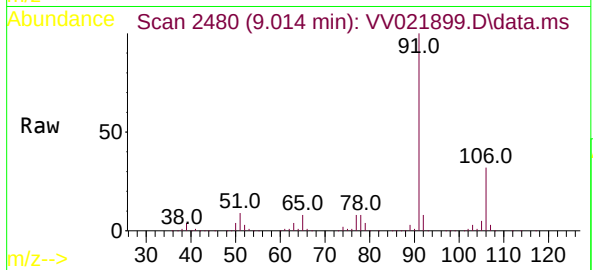
Acq: 19 Aug 2021 19:13

Tgt Ion: 91 Resp: 657992

Ion Ratio Lower Upper

91 100

106 32.0 22.2 41.2



#53

m,p-Xylene

Concen: 44.572 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021899.D

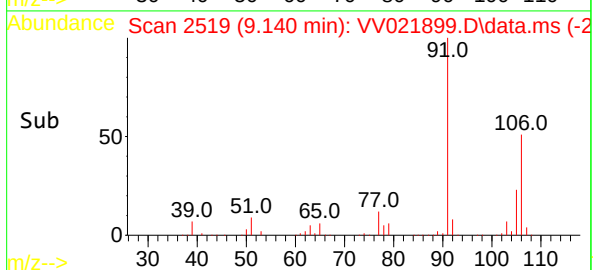
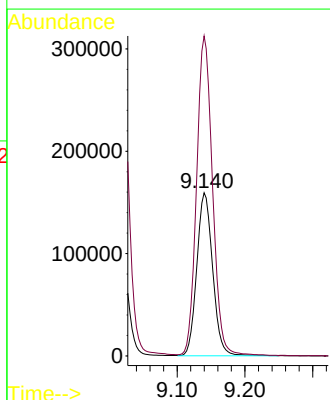
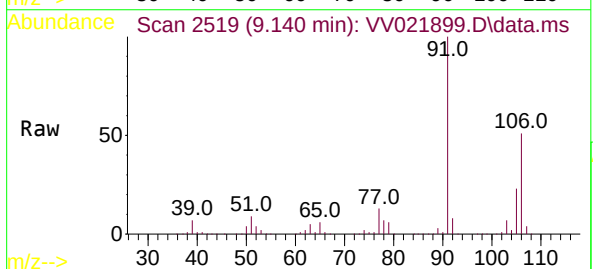
Acq: 19 Aug 2021 19:13

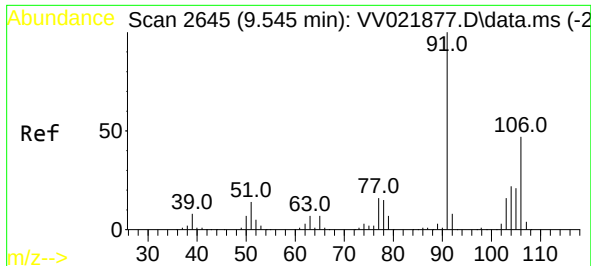
Tgt Ion:106 Resp: 258570

Ion Ratio Lower Upper

106 100

91 196.0 139.2 258.6

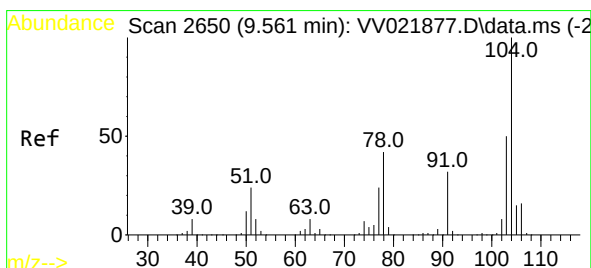
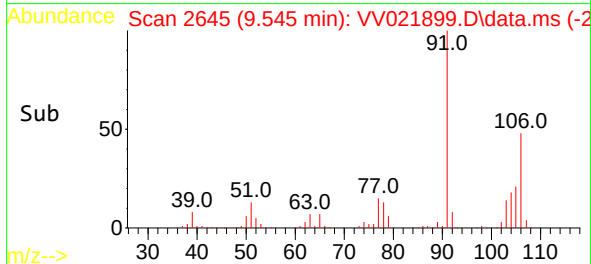
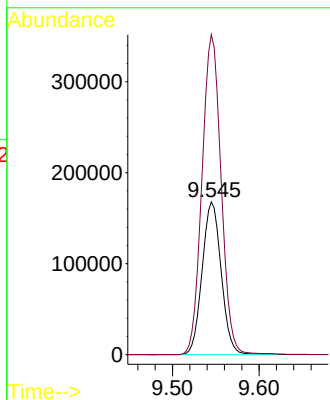
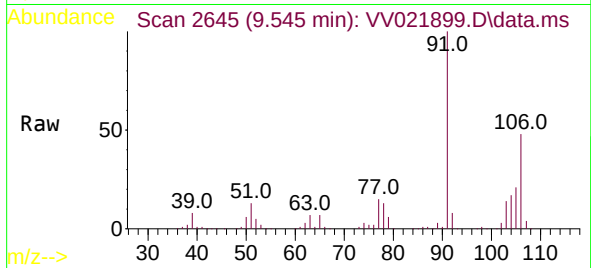




#54
o-Xylene
Concen: 44.580 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

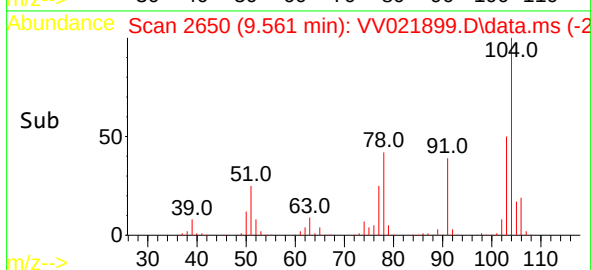
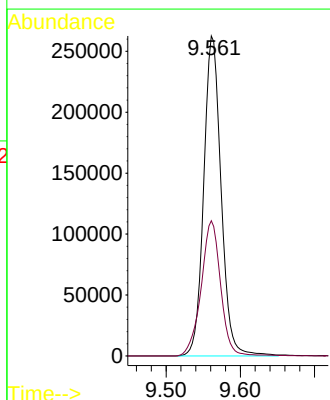
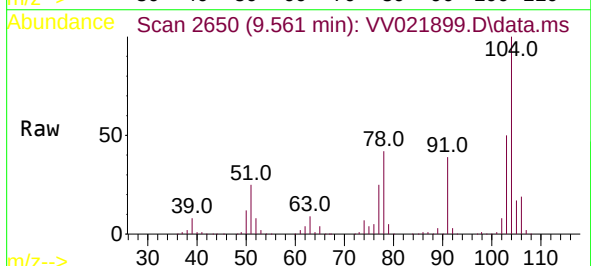
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

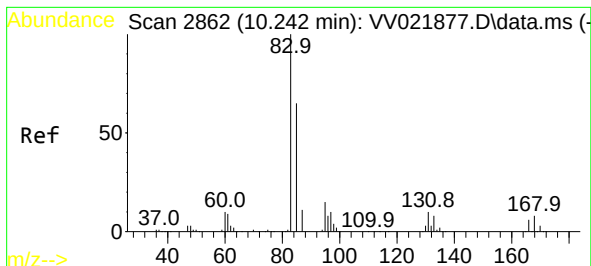
Tgt Ion:106 Resp: 256346
Ion Ratio Lower Upper
106 100
91 209.5 148.1 275.0



#55
Styrene
Concen: 44.392 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion:104 Resp: 427459
Ion Ratio Lower Upper
104 100
78 42.2 30.2 56.2

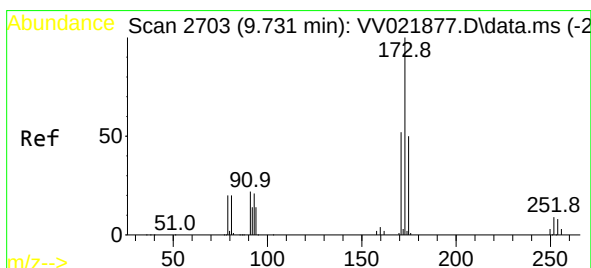
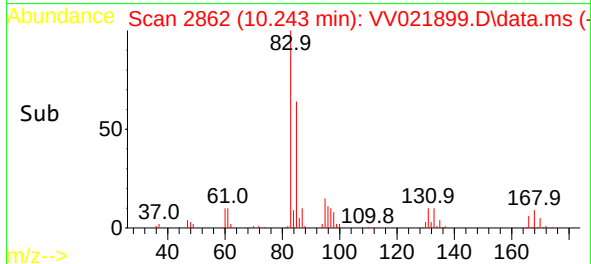
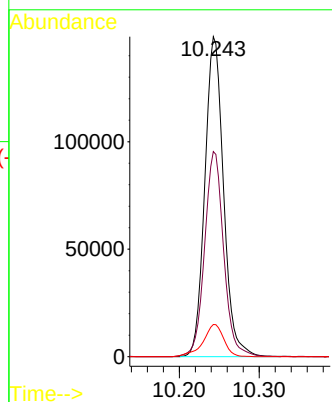
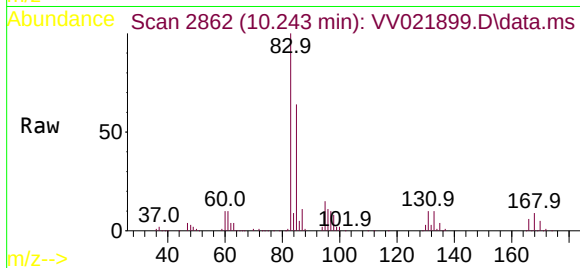




#57
1,1,2,2-Tetrachloroethane
Concen: 52.295 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

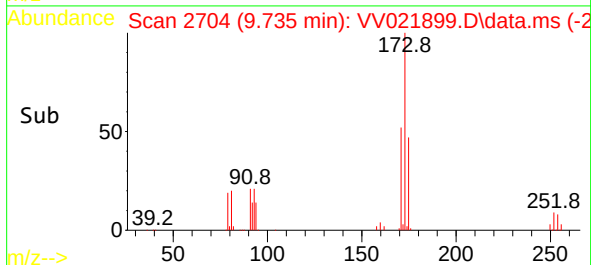
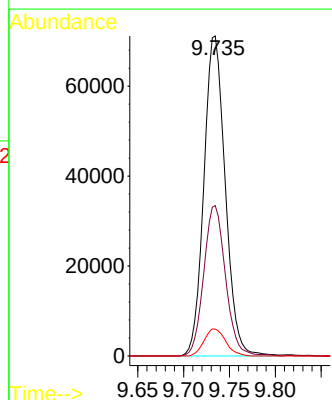
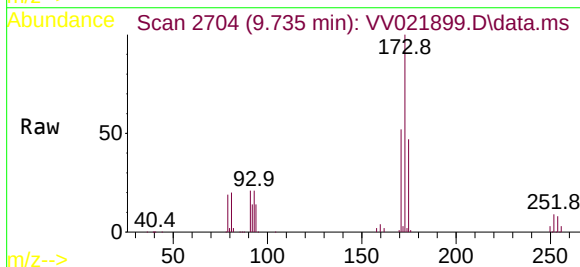
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

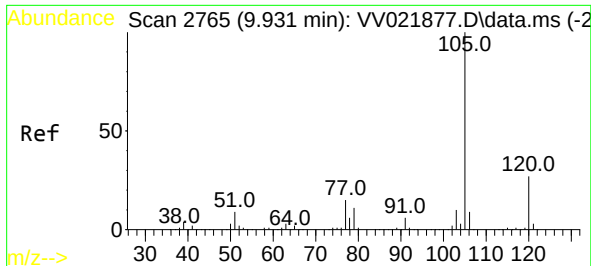
Tgt Ion: 83 Resp: 242588
Ion Ratio Lower Upper
83 100
85 64.1 44.4 82.5
131 10.1 7.9 11.9



#59
Bromoform
Concen: 44.157 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 173 Resp: 115475
Ion Ratio Lower Upper
173 100
175 48.0 38.6 58.0
254 8.5 7.2 10.8

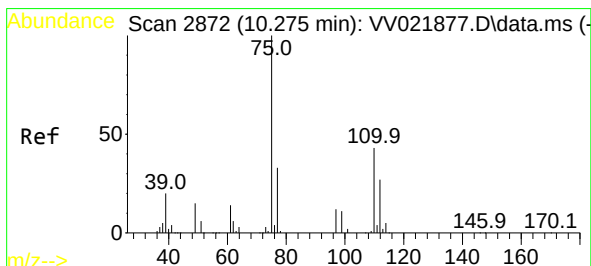
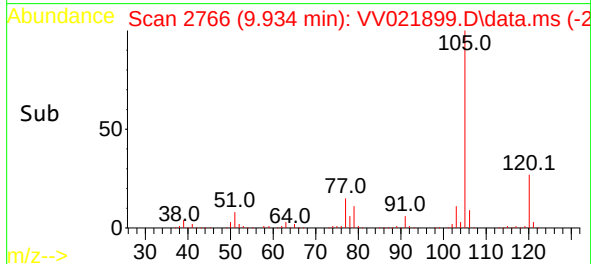
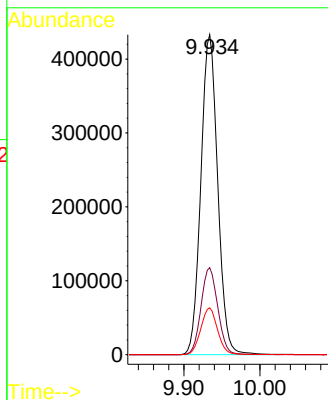
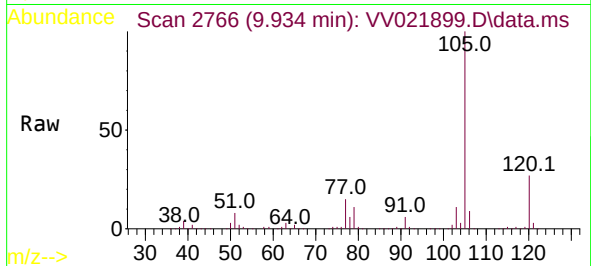




#60
Isopropylbenzene
Concen: 45.119 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

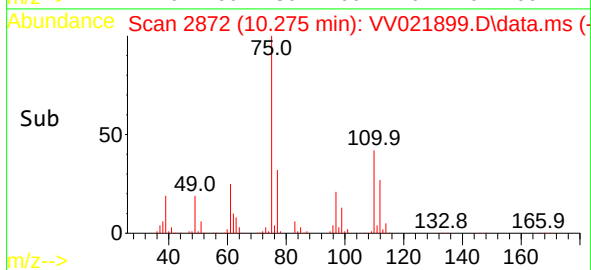
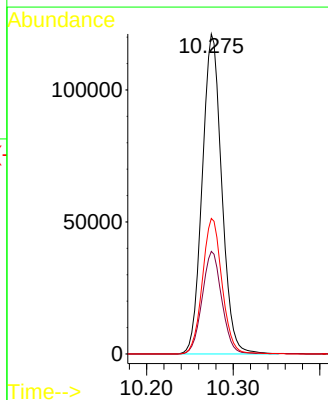
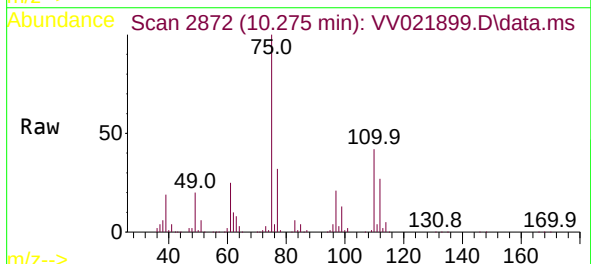
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

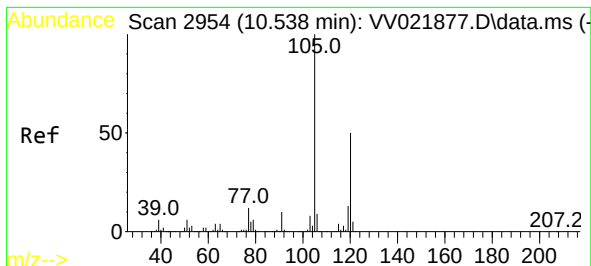
Tgt Ion:105 Resp: 665437
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 46.499 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 75 Resp: 189036
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 42.6 33.4 50.2

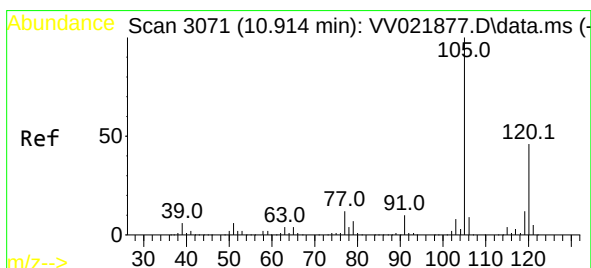
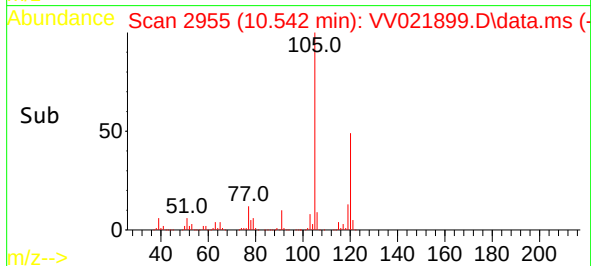
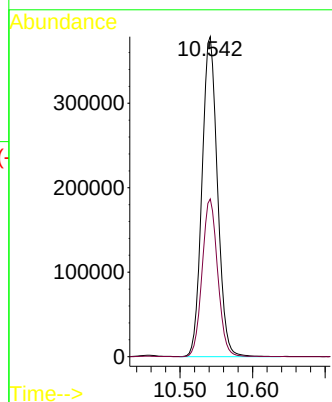
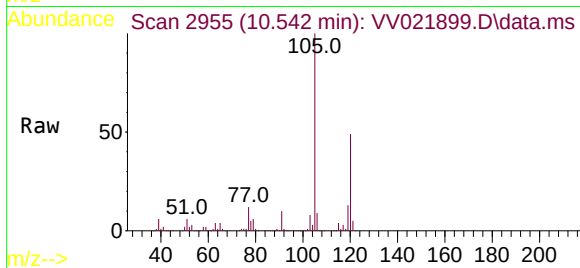




#62
1,3,5-Trimethylbenzene
Concen: 45.437 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

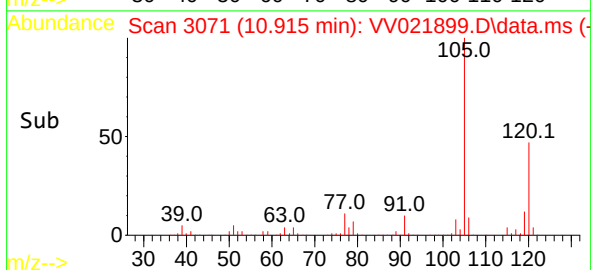
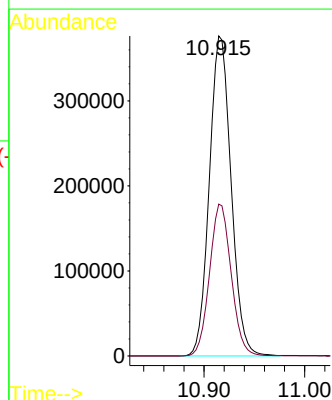
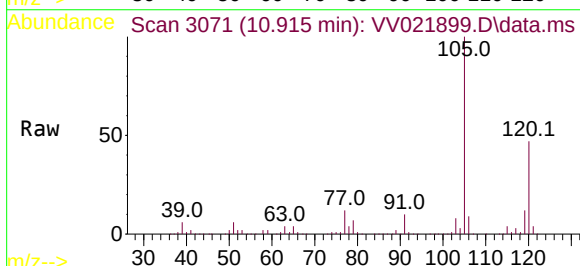
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

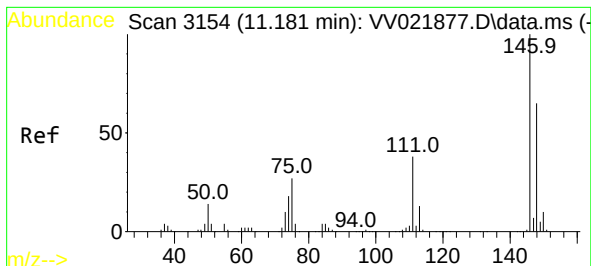
Tgt Ion:105 Resp: 562357
Ion Ratio Lower Upper
105 100
120 49.4 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 44.968 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion:105 Resp: 565885
Ion Ratio Lower Upper
105 100
120 47.2 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 44.287 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

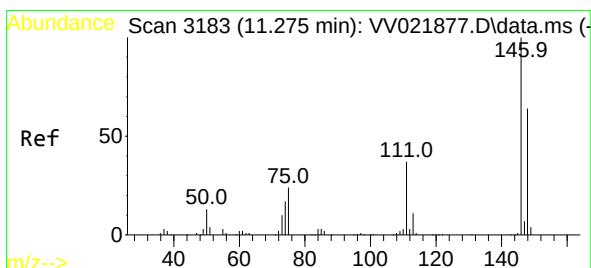
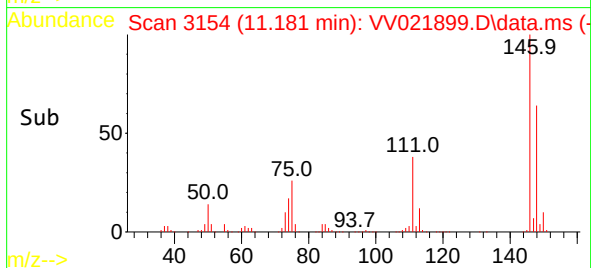
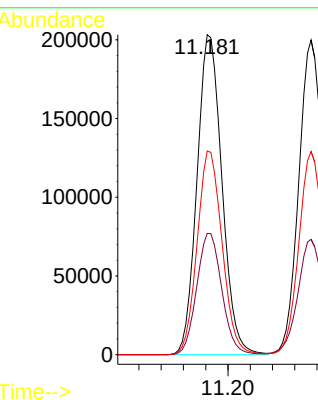
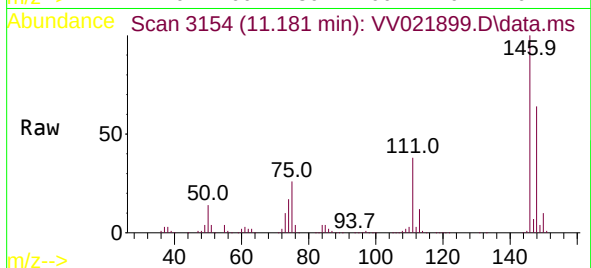
Tgt Ion:146 Resp: 316310

Ion Ratio Lower Upper

146 100

111 37.9 26.5 49.1

148 63.6 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 43.927 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021899.D

Acq: 19 Aug 2021 19:13

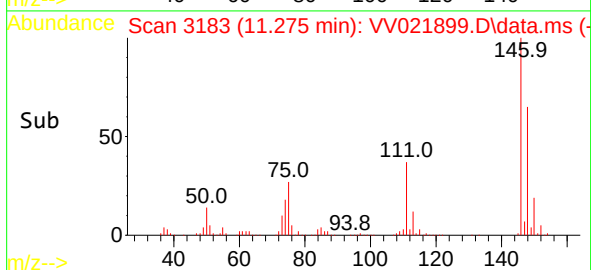
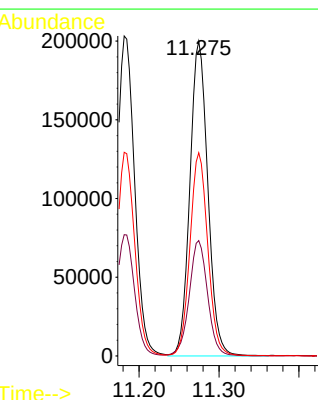
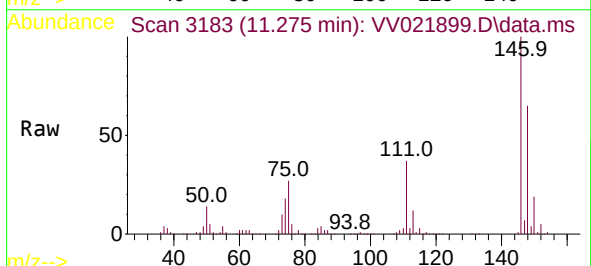
Tgt Ion:146 Resp: 313169

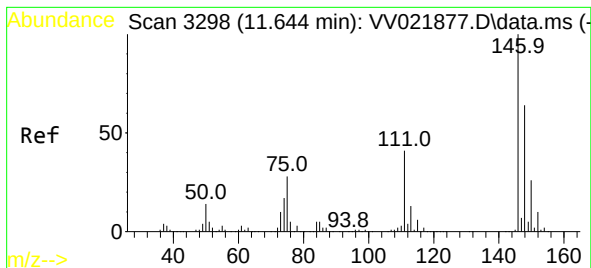
Ion Ratio Lower Upper

146 100

111 36.7 26.2 48.6

148 64.6 45.1 83.9

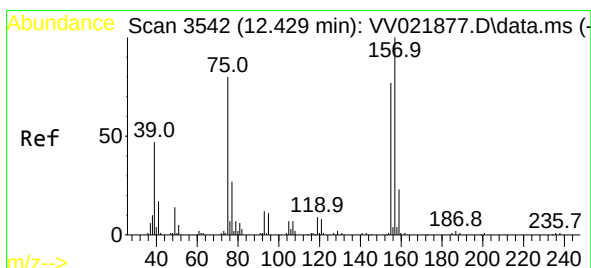
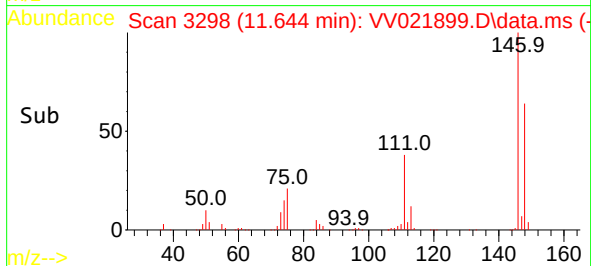
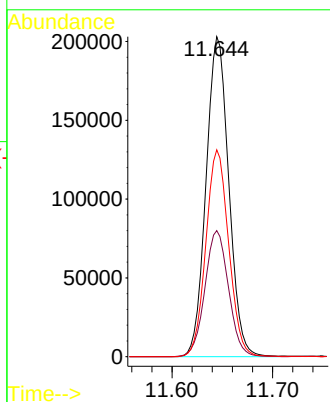
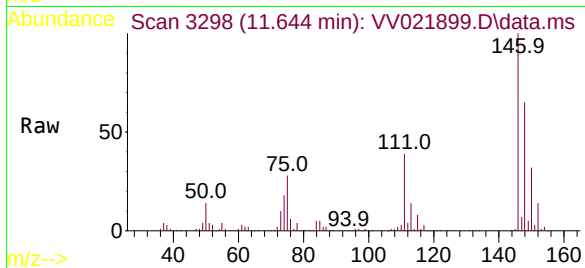




#67
1,2-Dichlorobenzene
Concen: 44.282 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

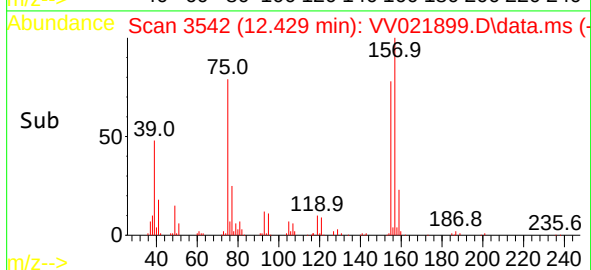
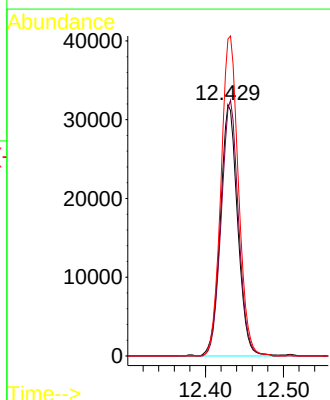
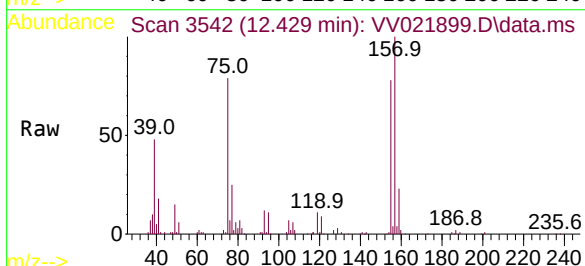
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

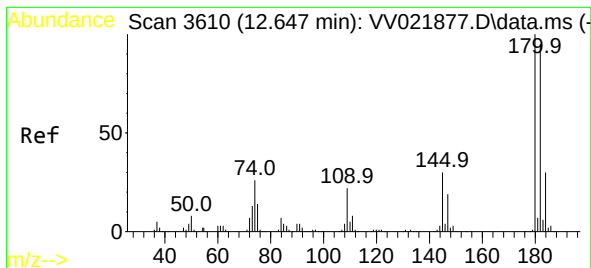
Tgt Ion:146 Resp: 319054
Ion Ratio Lower Upper
146 100
111 39.4 31.8 47.8
148 64.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.838 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion: 75 Resp: 49261
Ion Ratio Lower Upper
75 100
155 98.4 77.8 116.8
157 126.2 99.4 149.0

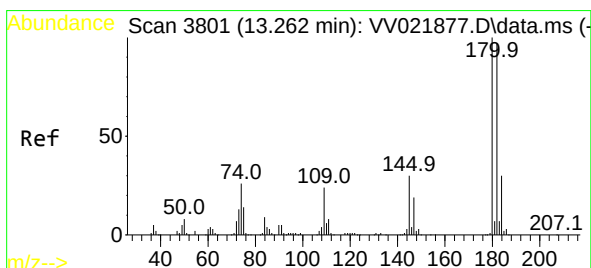
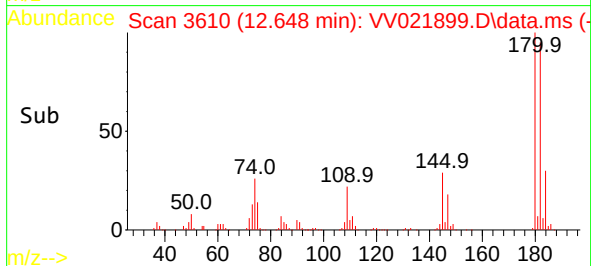
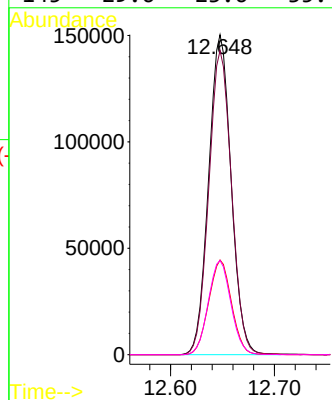
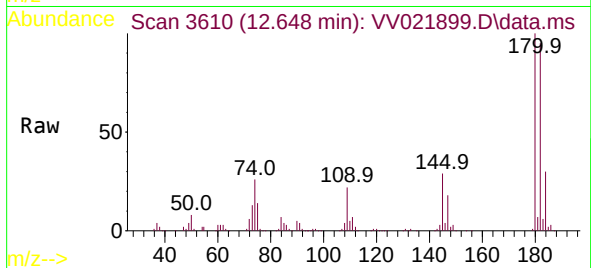




#69
1,3,5-Trichlorobenzene
Concen: 43.651 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

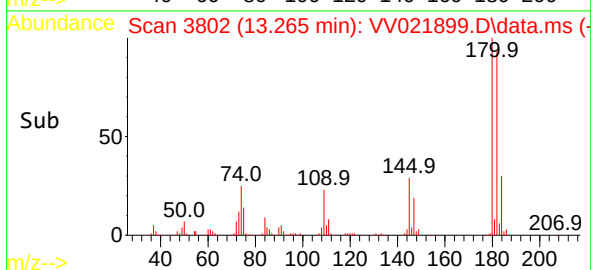
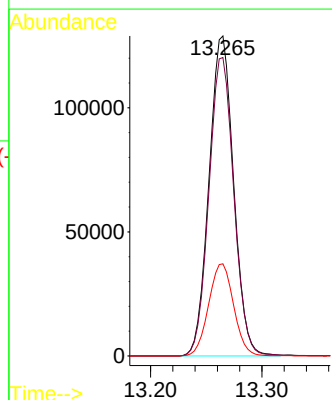
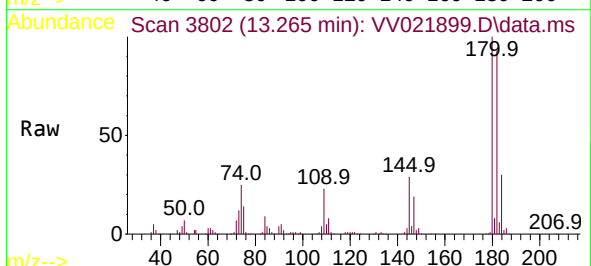
Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

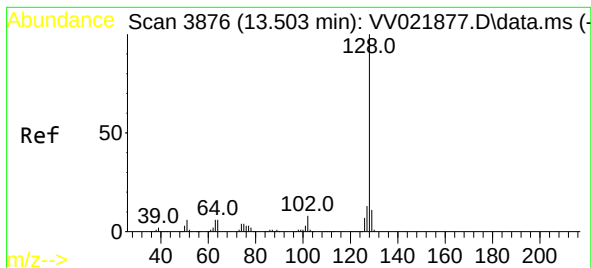
Tgt Ion:	180	Resp:	225993
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
184	29.9	24.1	36.1
145	29.6	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 45.582 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion:	180	Resp:	197920
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	29.3	23.9	35.9

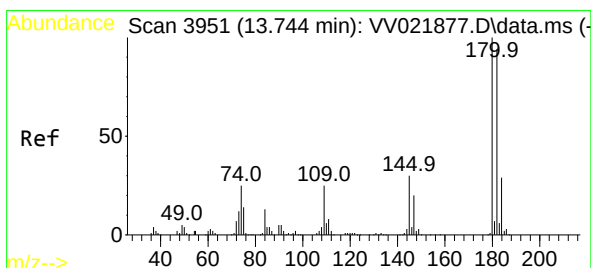
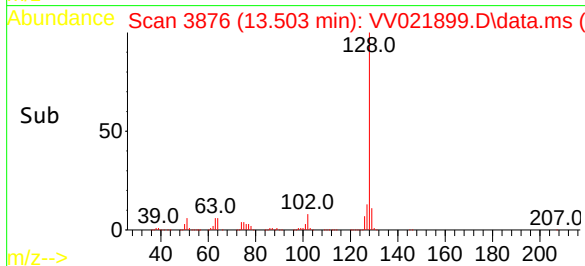
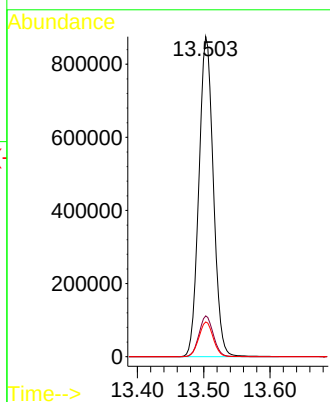
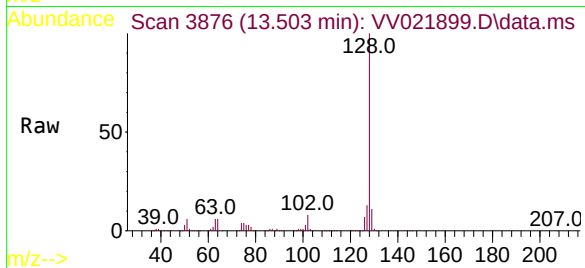




#71
Naphthalene
Concen: 104.947 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Instrument :
MSVOA_V
ClientSampleId :
DBKG6MS

Tgt Ion:128 Resp: 1323670
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 47.068 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021899.D
Acq: 19 Aug 2021 19:13

Tgt Ion:180 Resp: 205309
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 32.0 25.6 38.4

