

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072221\
 Data File : VV021695.D
 Acq On : 22 Jul 2021 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 01:14:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 21 01:01:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	454777	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	423307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	225450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	147125	45.731	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.460%
7) Chloroethane-d5	1.555	69	115649	51.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.900%
11) 1,1-Dichloroethene-d2	2.105	63	252025	47.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.020%
21) 2-Butanone-d5	3.867	46	238119	96.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.030%
24) Chloroform-d	4.346	84	292344	47.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
26) 1,2-Dichloroethane-d4	5.027	65	174610	48.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	5.047	84	592810	47.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	6.069	67	184069	47.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.313	98	550992	47.868	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
43) trans-1,3-Dichloroprop...	7.619	79	93388	48.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
47) 2-Hexanone-d5	8.085	63	170780	97.073	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.070%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	251699	48.916	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	11.625	152	224324	48.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	163099	49.629	ug/L	99
3) Chloromethane	1.240	50	161198	51.963	ug/L	98
5) Vinyl chloride	1.307	62	158334	48.992	ug/L	100
6) Bromomethane	1.503	94	97390	63.205	ug/L	99
8) Chloroethane	1.574	64	95822	52.276	ug/L	98
9) Trichlorofluoromethane	1.748	101	222694	48.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	127635	49.715	ug/L	99
12) 1,1-Dichloroethene	2.114	96	114732	47.889	ug/L	87
13) Acetone	2.156	43	152696	97.088	ug/L	99
14) Carbon disulfide	2.288	76	345001	47.693	ug/L	100
15) Methyl Acetate	2.423	43	171101	49.608	ug/L	99
16) Methylene chloride	2.503	84	154042	44.484	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	140578	49.188	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	477534	49.263	ug/L	99
19) 1,1-Dichloroethane	3.185	63	265663	49.233	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	163213	49.350	ug/L	98
22) 2-Butanone	3.950	43	242699	101.133	ug/L	100
23) Bromochloromethane	4.243	128	84188	48.111	ug/L	99
25) Chloroform	4.371	83	273641	49.060	ug/L	96

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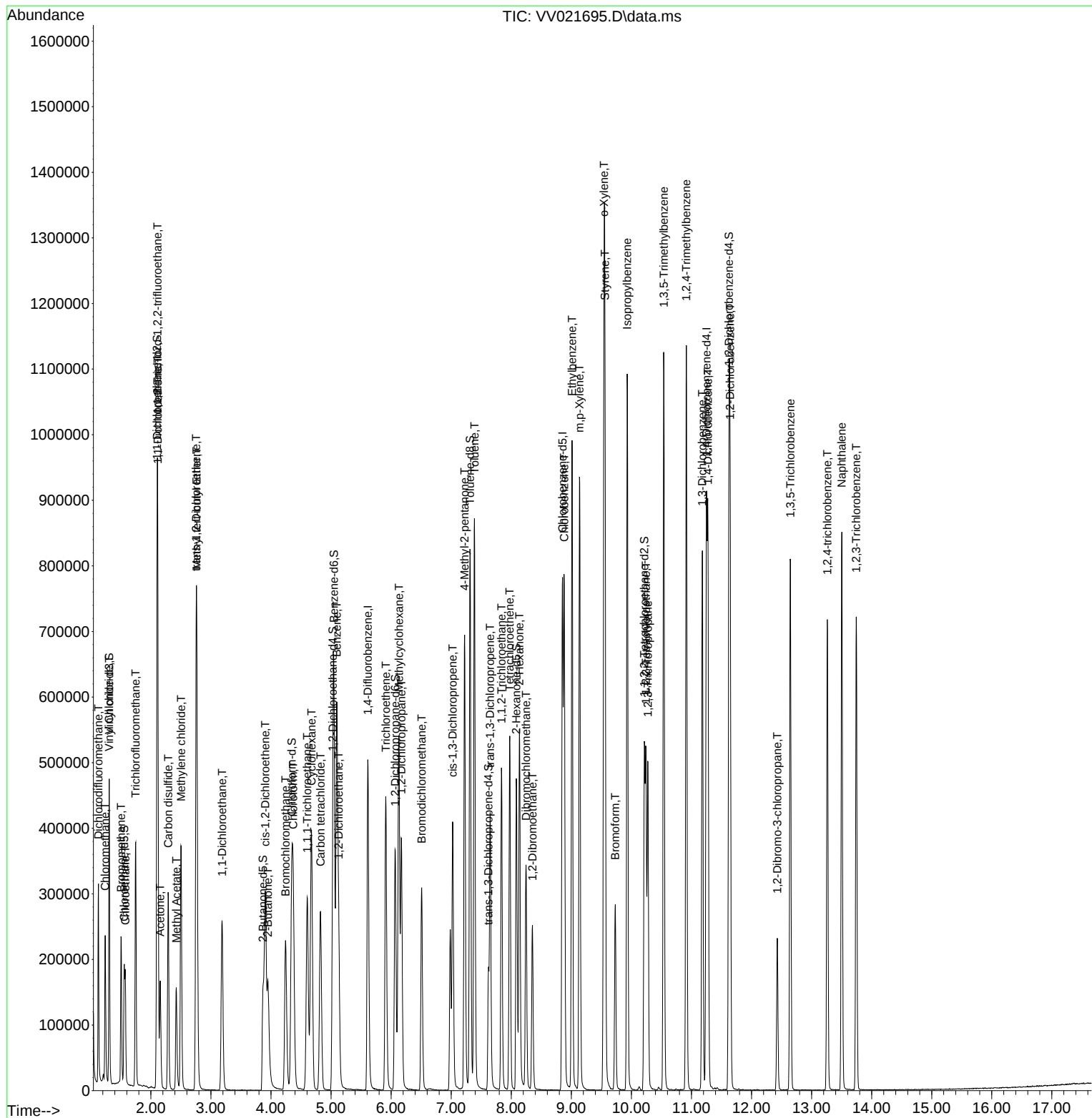
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	195765	48.900	ug/L	98
29) Cyclohexane	4.674	56	229040	48.909	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	243356	48.628	ug/L	100
31) Carbon tetrachloride	4.825	117	210281	48.789	ug/L	99
33) Benzene	5.095	78	592121	49.207	ug/L	100
34) Trichloroethene	5.912	95	158924	48.901	ug/L	96
35) Methylcyclohexane	6.130	83	239180	49.134	ug/L	100
37) 1,2-Dichloropropane	6.172	63	151668	48.090	ug/L	100
38) Bromodichloromethane	6.510	83	209443	49.305	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	255231	50.532	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	450346	97.641	ug/L	100
42) Toluene	7.387	91	637415	49.195	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	240792	50.317	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	156771	49.702	ug/L	99
46) Tetrachloroethene	7.976	164	126173	49.728	ug/L	99
48) 2-Hexanone	8.137	43	341497	96.141	ug/L	99
49) Dibromochloromethane	8.246	129	176206	49.435	ug/L	97
50) 1,2-Dibromoethane	8.352	107	166838	49.472	ug/L	98
51) Chlorobenzene	8.882	112	419796	49.394	ug/L	99
52) Ethylbenzene	9.011	91	690701	49.757	ug/L	100
53) m,p-Xylene	9.136	106	269679	49.999	ug/L	99
54) o-Xylene	9.545	106	268765	49.763	ug/L	99
55) Styrene	9.561	104	461635	50.718	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	241851	49.812	ug/L	98
59) Bromoform	9.731	173	128572	46.252	ug/L	99
60) Isopropylbenzene	9.931	105	712524	48.701	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	199378	47.680	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	605058	49.049	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	617865	49.583	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	339215	49.056	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	338622	48.922	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	345337	49.200	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	54407	47.037	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	252265	49.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	218578	48.312	ug/L	99
71) Naphthalene	13.503	128	655525	46.886	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	216972	47.039	ug/L	100

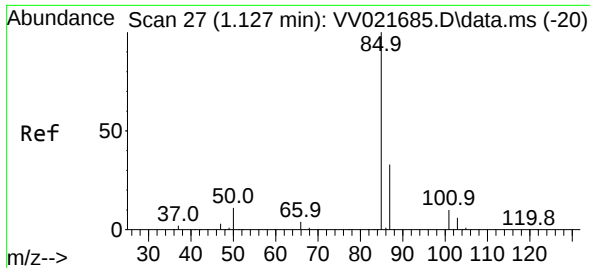
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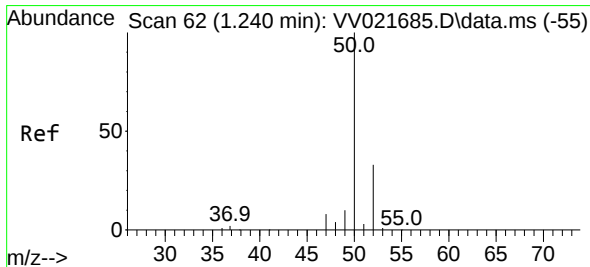
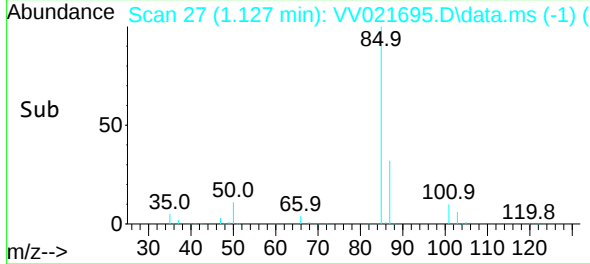
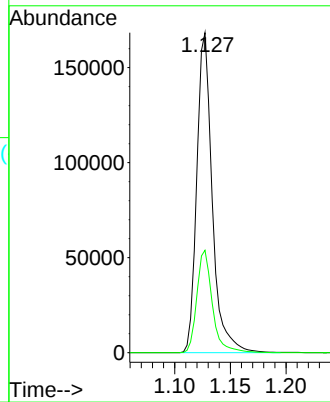
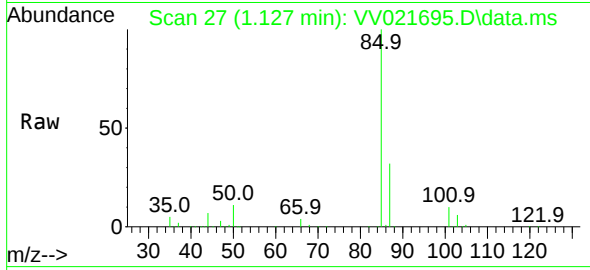




#2
 Dichlorodifluoromethane
 Concen: 49.629 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021695.D
 Acq: 22 Jul 2021 10:17

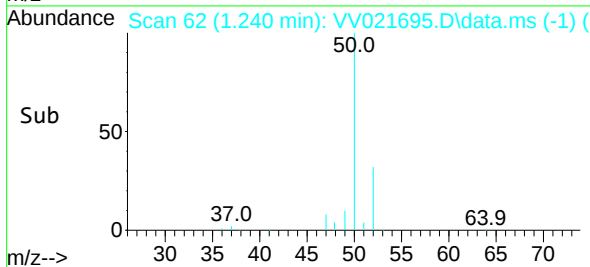
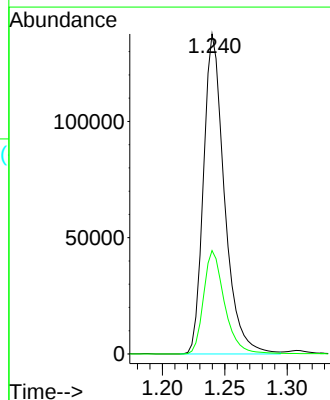
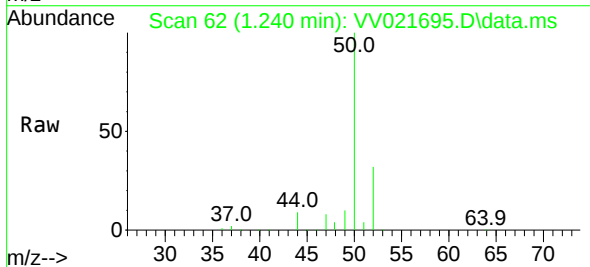
Instrument :
 MSVOA_V
 ClientSampled :

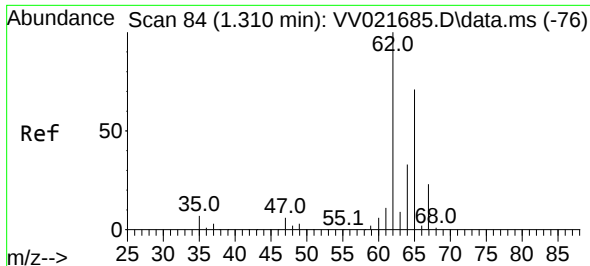
Tgt Ion: 85 Resp: 163099
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 51.963 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021695.D
 Acq: 22 Jul 2021 10:17

Tgt Ion: 50 Resp: 161198
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

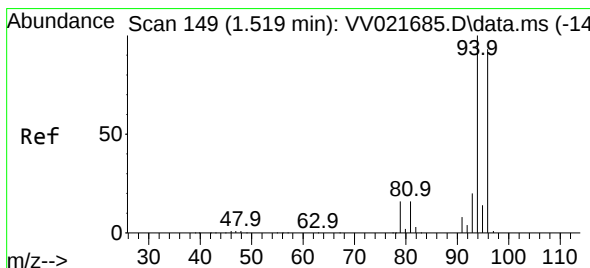
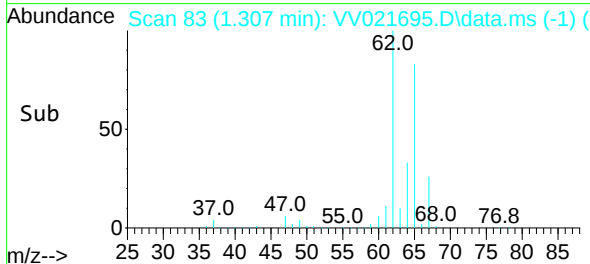
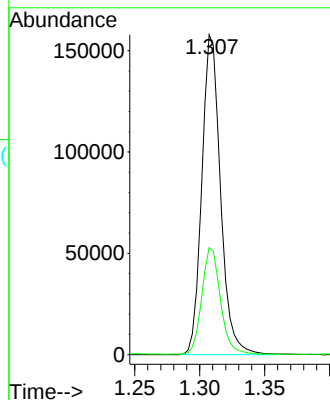
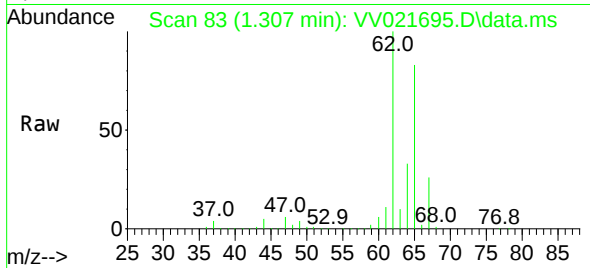




#5
 Vinyl chloride
 Concen: 48.992 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021695.D
 Acq: 22 Jul 2021 10:17

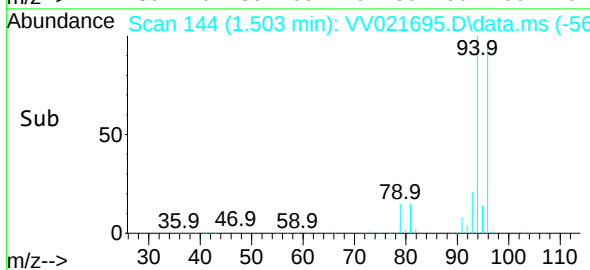
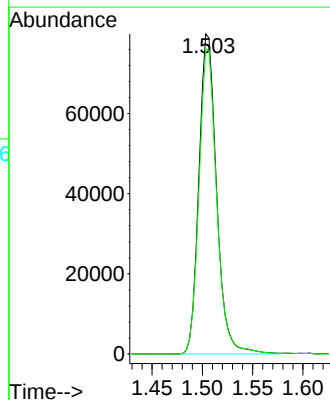
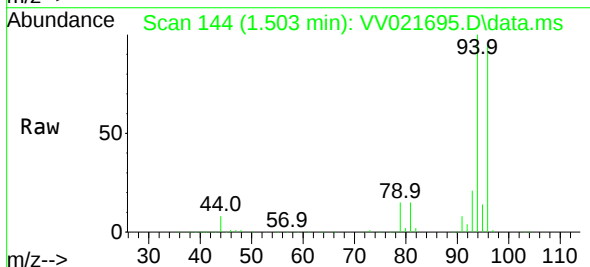
Instrument :
 MSVOA_V
 ClientSampleId :

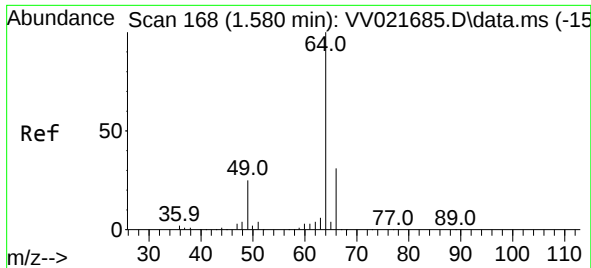
Tgt Ion: 62 Resp: 158334
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 63.205 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. -0.016 min
 Lab File: VV021695.D
 Acq: 22 Jul 2021 10:17

Tgt Ion: 94 Resp: 97390
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.0 122.6

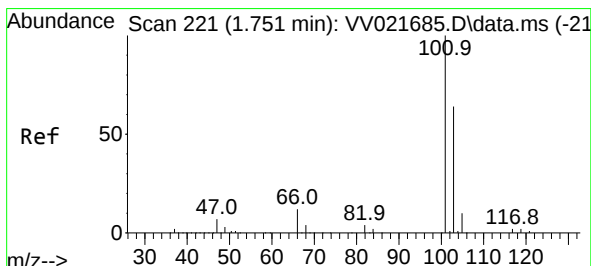
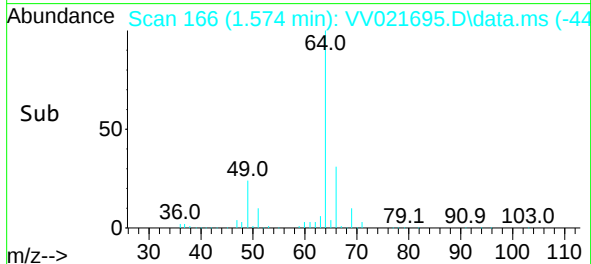
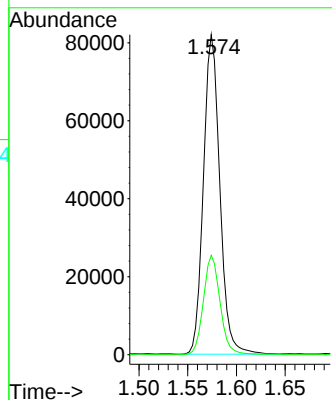
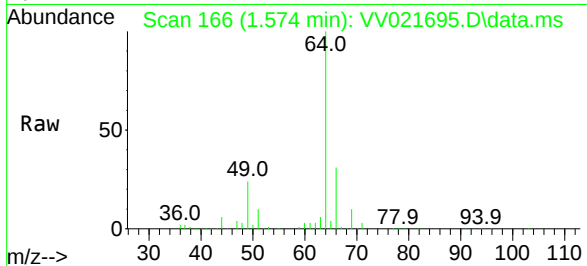




#8
Chloroethane
Concen: 52.276 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.006 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

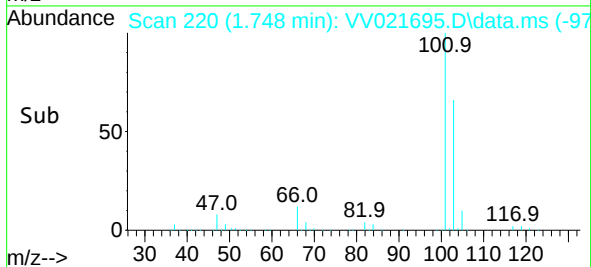
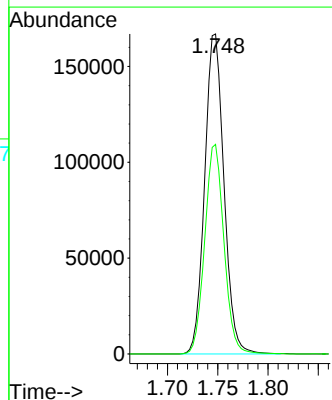
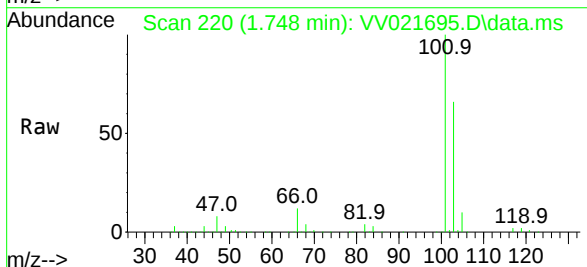
Instrument :
MSVOA_V
ClientSampled :

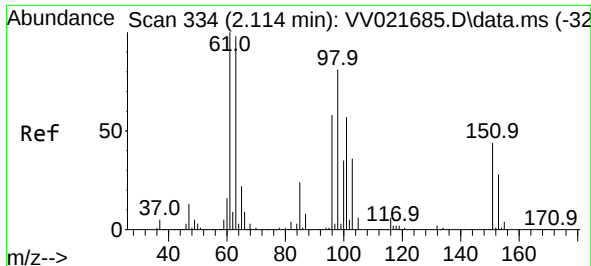
Tgt Ion: 64 Resp: 95822
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.986 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion:101 Resp: 222694
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

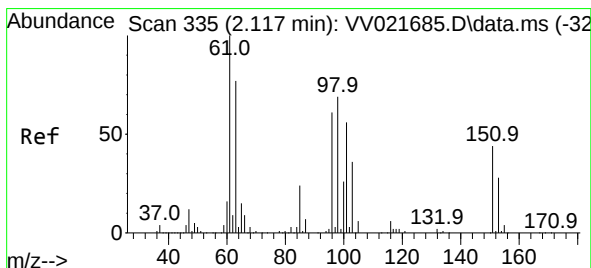
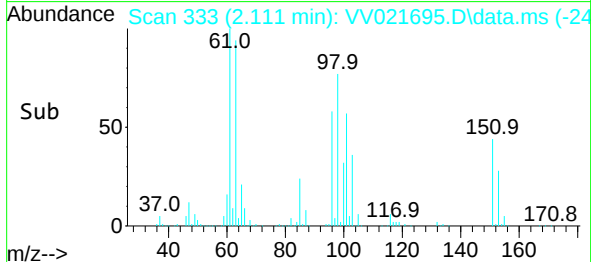
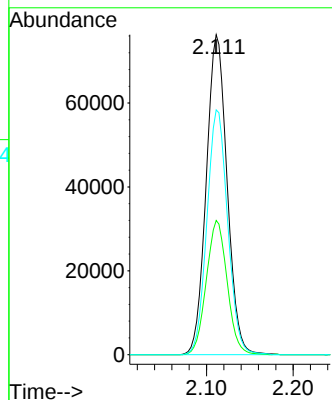
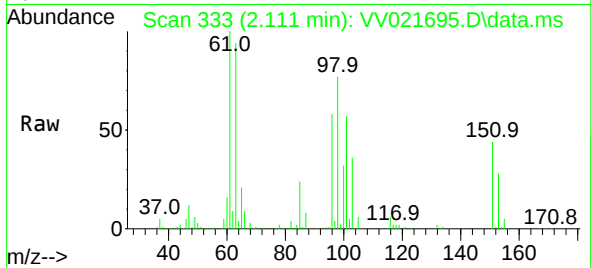




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.715 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

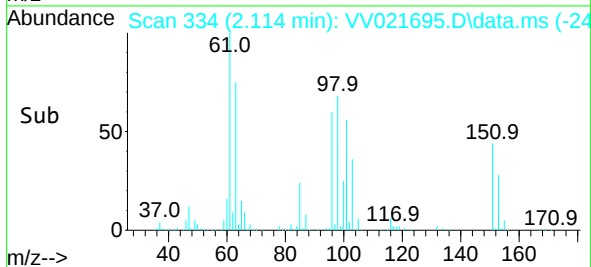
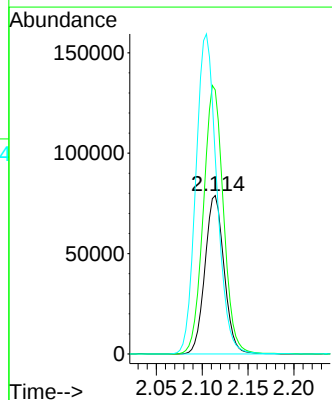
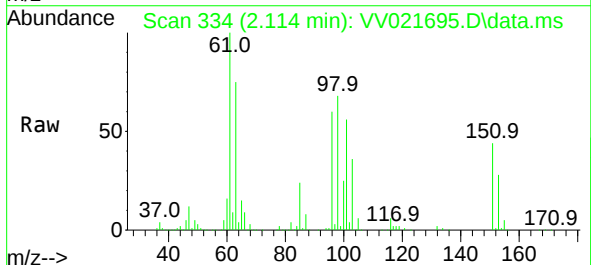
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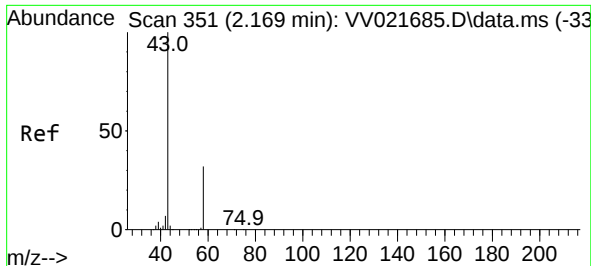
Tgt Ion:101 Resp: 127635
Ion Ratio Lower Upper
101 100
85 42.0 33.6 50.4
151 76.4 62.0 93.0



#12
1,1-Dichloroethene
Concen: 47.889 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 96 Resp: 114732
Ion Ratio Lower Upper
96 100
61 166.7 117.5 218.1
63 124.5 110.1 204.5





#13

Acetone

Concen: 97.088 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.013 min

Lab File: VV021695.D

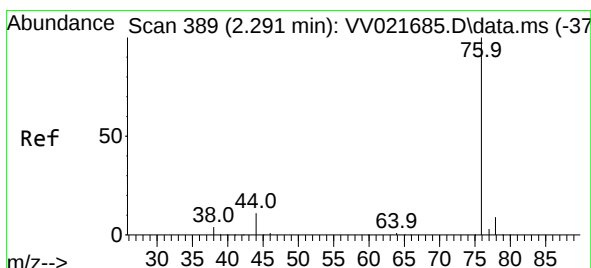
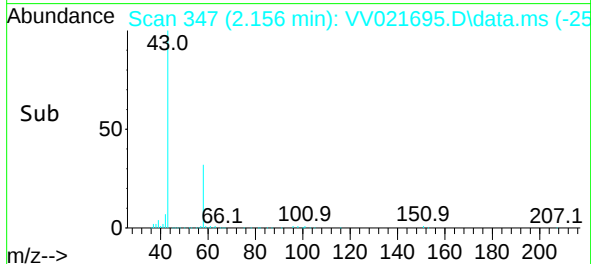
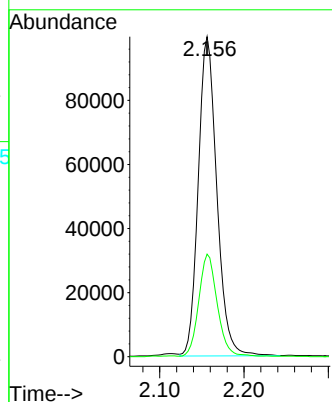
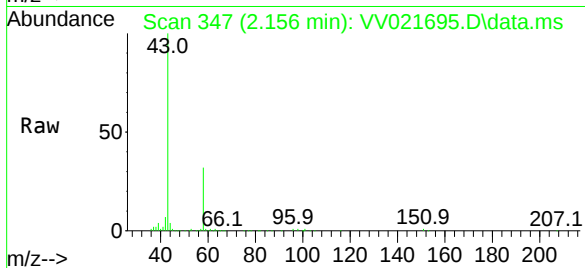
Acq: 22 Jul 2021 10:17

Tgt Ion: 43 Resp: 152696

Ion Ratio Lower Upper

43 100

58 31.8 0.0 64.6



#14

Carbon disulfide

Concen: 47.693 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV021695.D

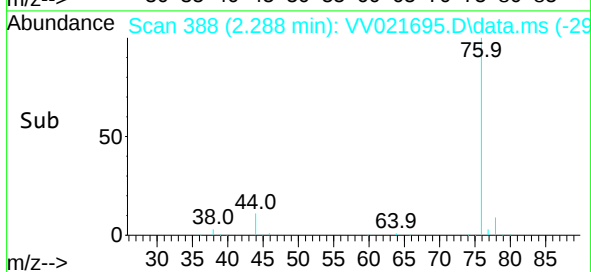
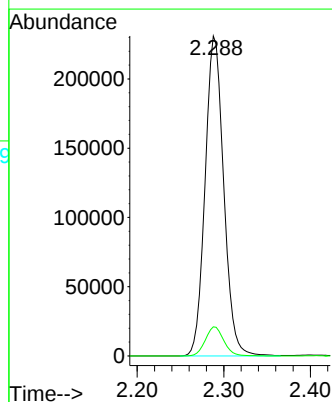
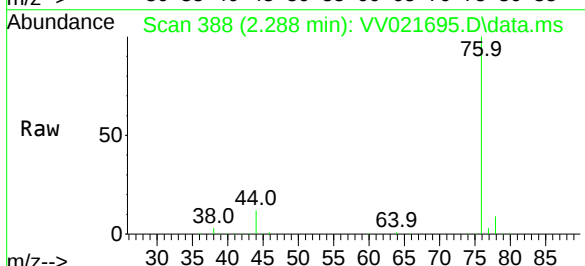
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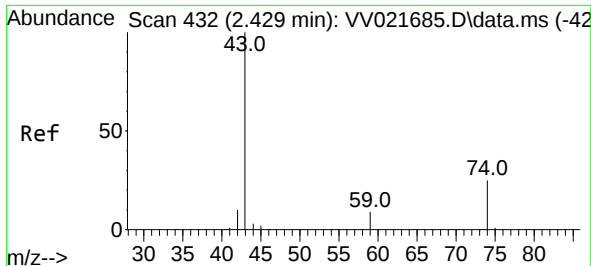
Tgt Ion: 76 Resp: 345001

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

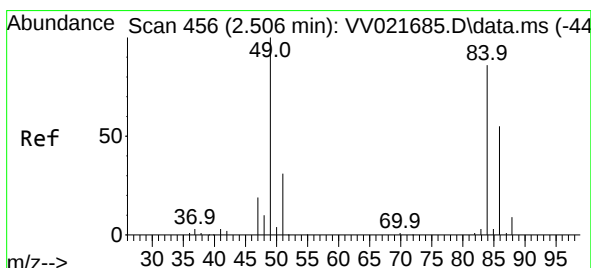
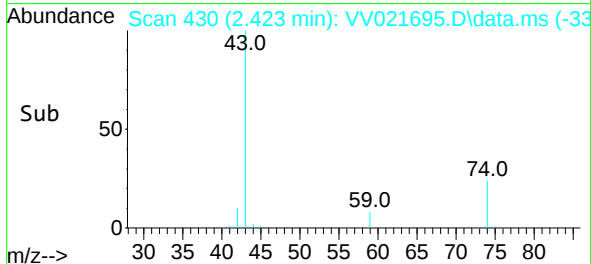
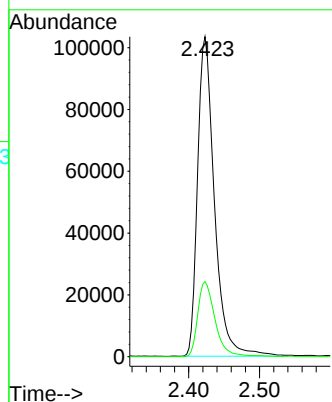
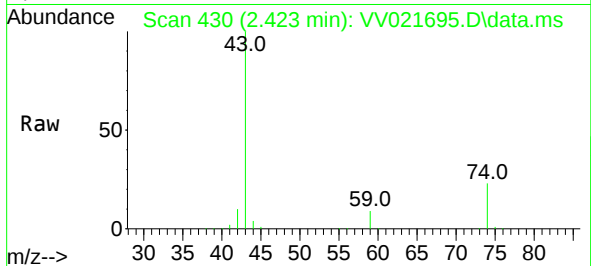




#15
Methyl Acetate
Concen: 49.608 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.006 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

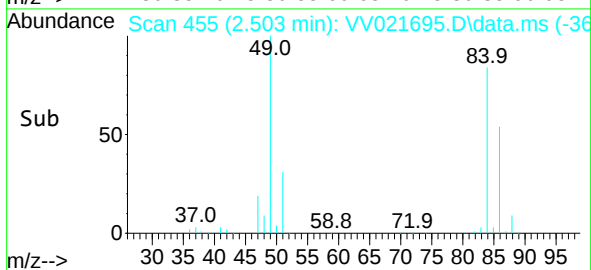
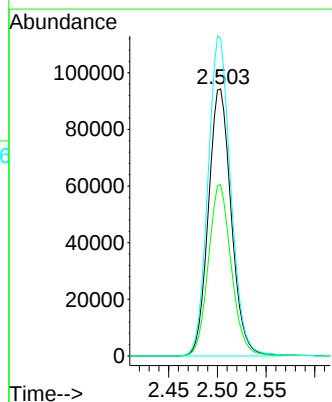
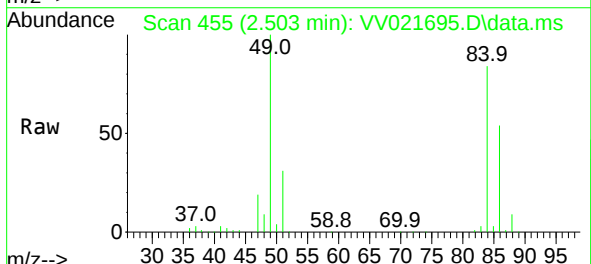
Instrument :
MSVOA_V
ClientSampled :

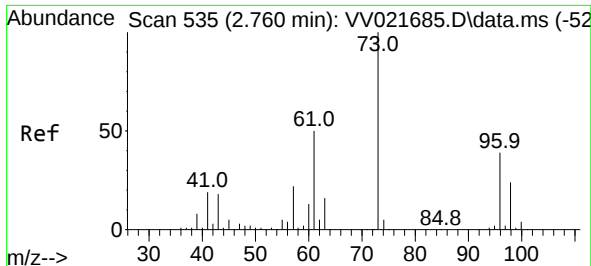
Tgt Ion: 43 Resp: 171101
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9



#16
Methylene chloride
Concen: 44.484 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 84 Resp: 154042
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.9
49 118.9 81.1 150.7

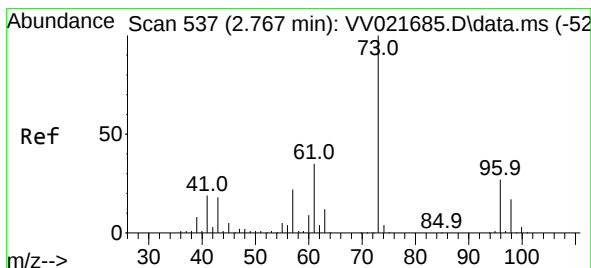
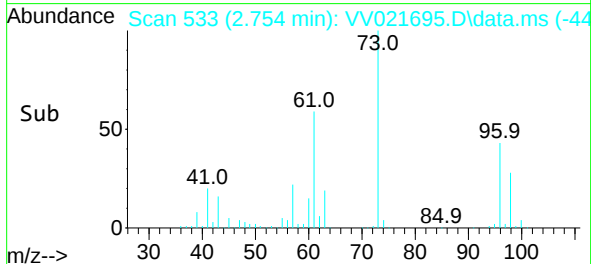
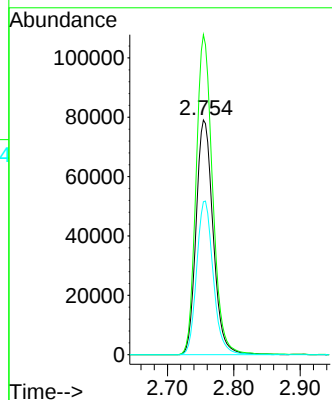
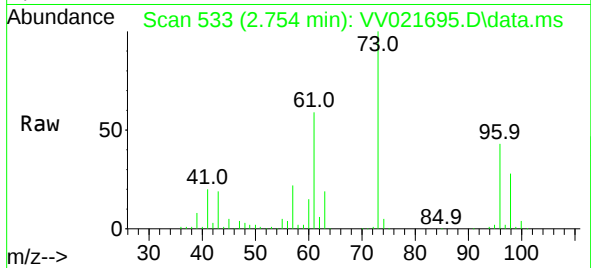




#17
trans-1,2-Dichloroethene
Concen: 49.188 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.006 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

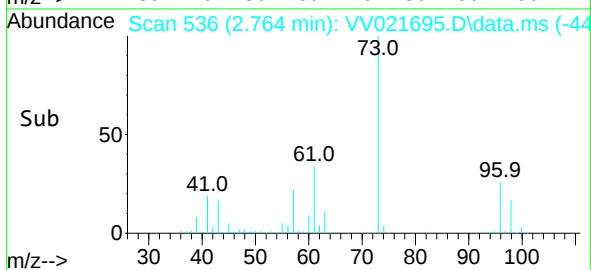
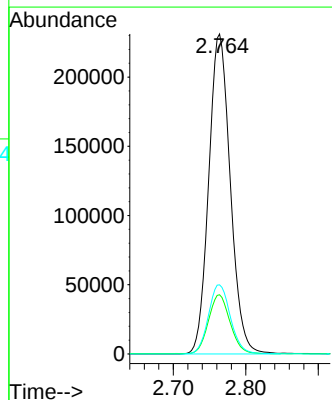
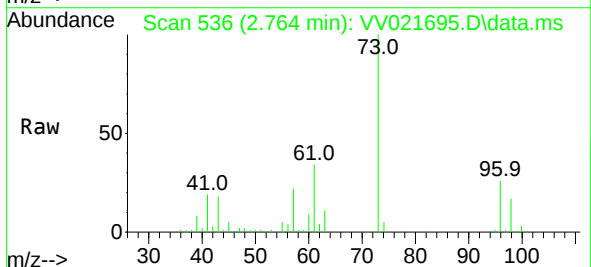
Instrument :
MSVOA_V
ClientSampleId :

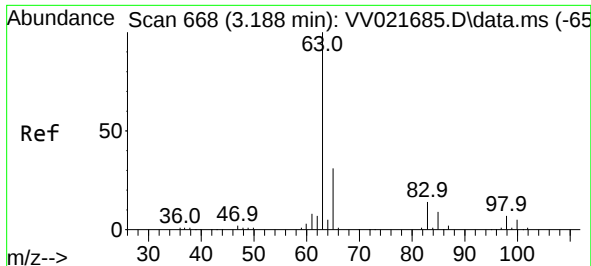
Tgt Ion: 96 Resp: 140578
Ion Ratio Lower Upper
96 100
61 136.4 93.7 174.1
98 65.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 49.263 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 73 Resp: 477534
Ion Ratio Lower Upper
73 100
43 18.3 14.3 21.5
57 22.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.233 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.003 min

Lab File: VV021695.D

Acq: 22 Jul 2021 10:17

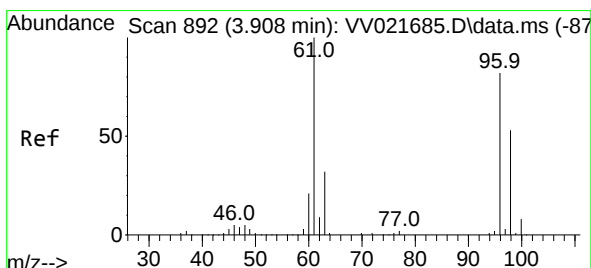
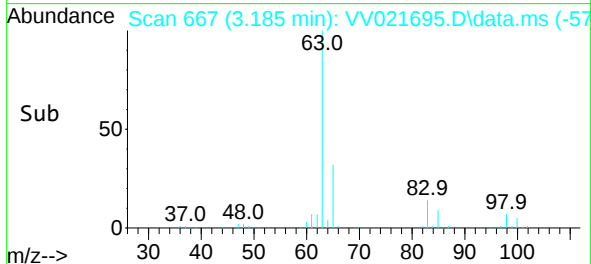
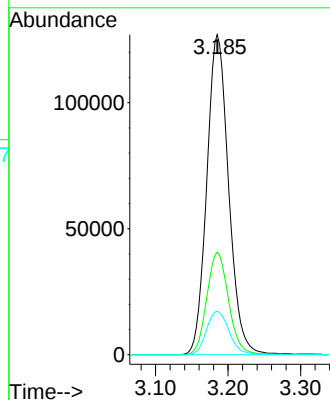
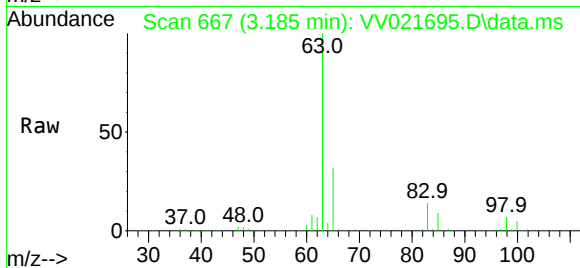
Tgt Ion: 63 Resp: 265663

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 13.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 49.350 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV021695.D

Acq: 22 Jul 2021 10:17

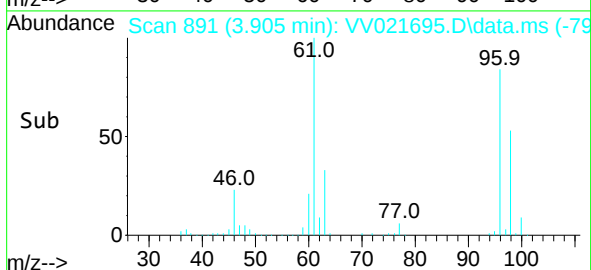
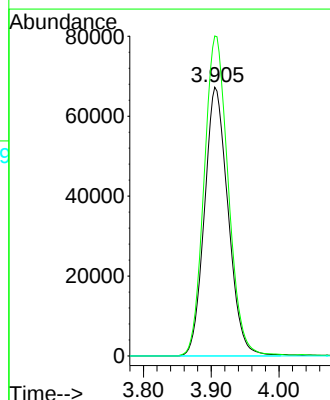
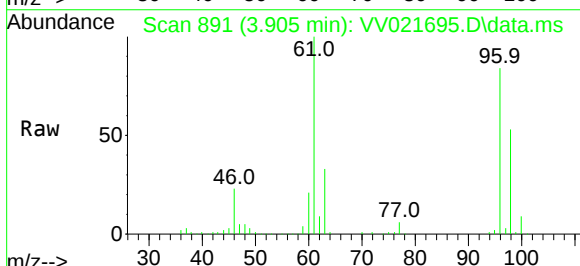
Tgt Ion: 96 Resp: 163213

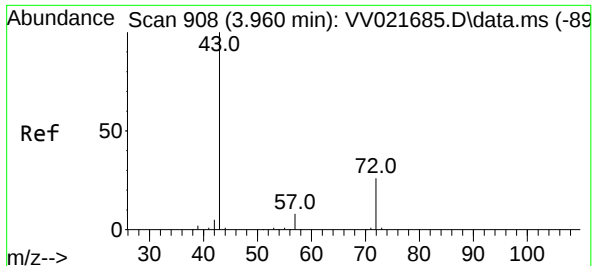
Ion Ratio Lower Upper

96 100

61 119.1 85.3 158.3

68 0.0 0.0 0.0

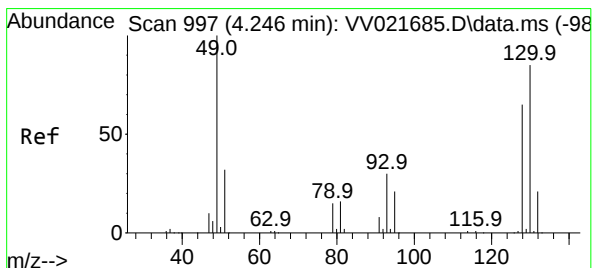
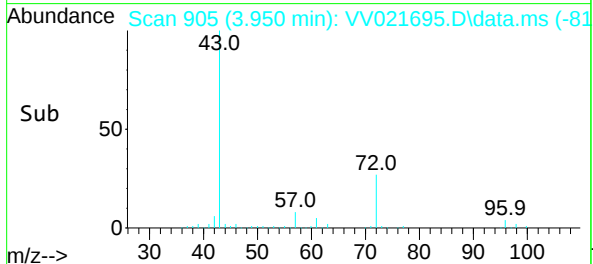
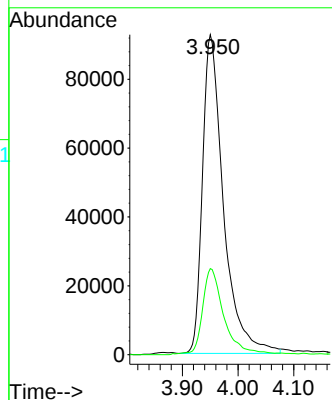
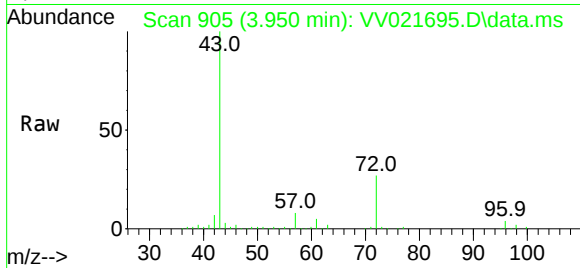




#22
2-Butanone
Concen: 101.133 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.010 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

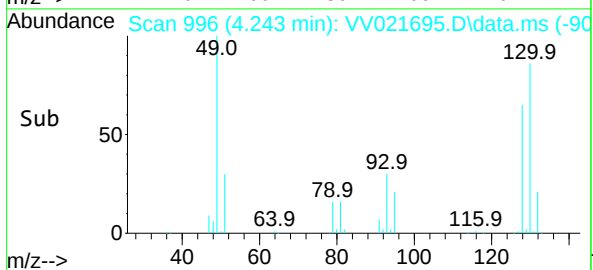
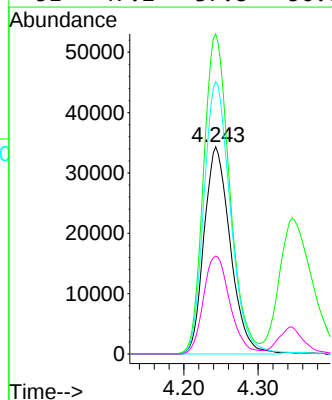
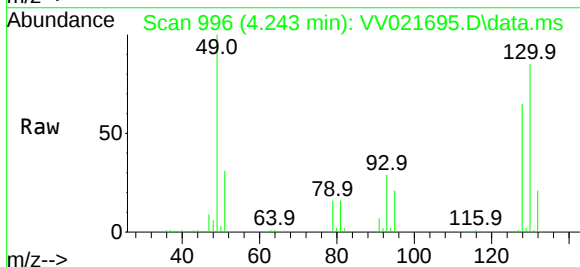
Instrument :
MSVOA_V
ClientSampled :

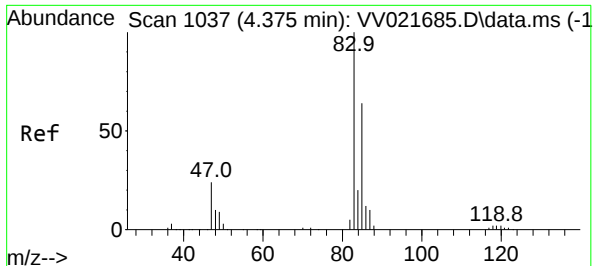
Tgt Ion: 43 Resp: 242699
Ion Ratio Lower Upper
43 100
72 26.5 13.2 39.5



#23
Bromochloromethane
Concen: 48.111 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 128 Resp: 84188
Ion Ratio Lower Upper
128 100
49 154.5 106.8 198.4
130 131.4 90.6 168.2
51 47.2 37.8 56.6





#25

Chloroform

Concen: 49.060 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021695.D

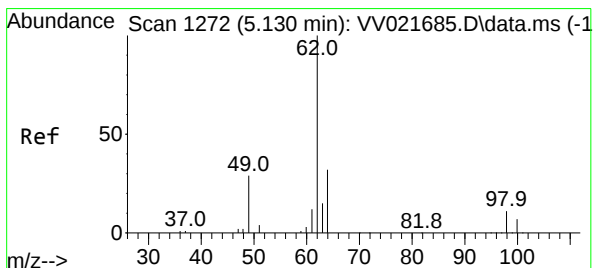
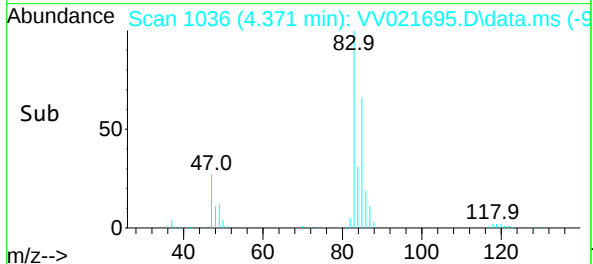
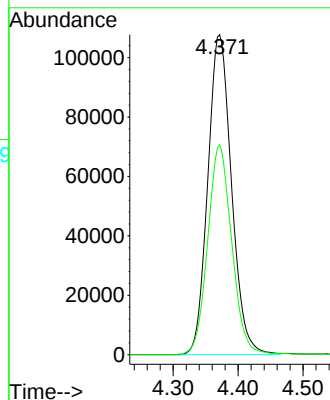
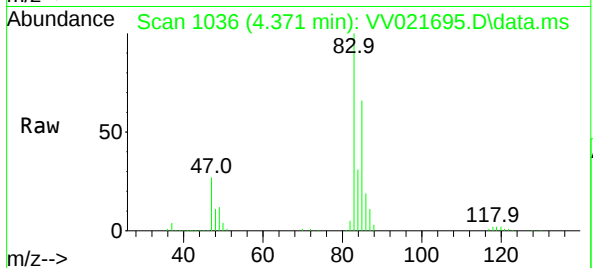
Acq: 22 Jul 2021 10:17

Tgt Ion: 83 Resp: 273641

Ion Ratio Lower Upper

83 100

85 65.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 48.900 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021695.D

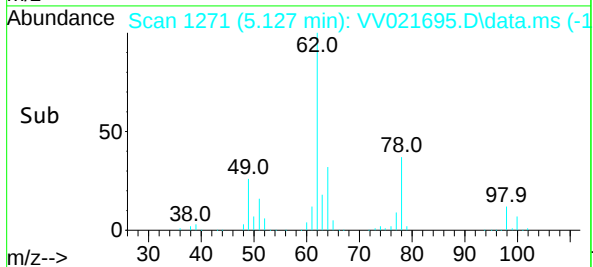
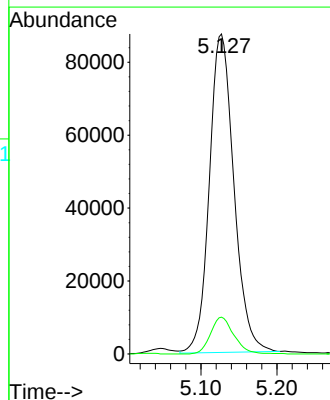
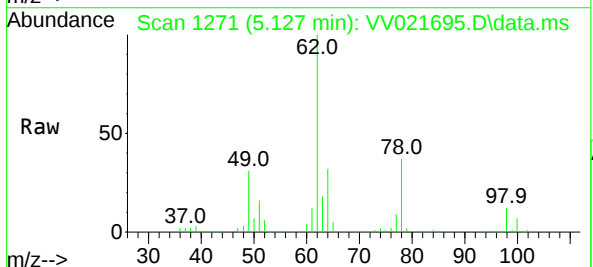
Acq: 22 Jul 2021 10:17

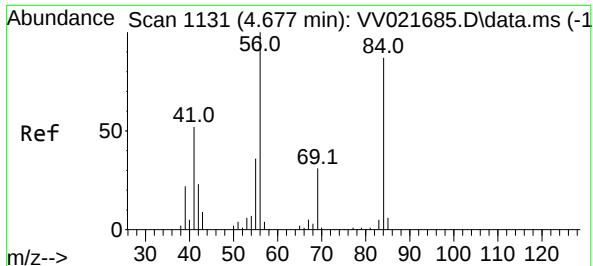
Tgt Ion: 62 Resp: 195765

Ion Ratio Lower Upper

62 100

98 11.5 8.7 13.1





#29

Cyclohexane

Concen: 48.909 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

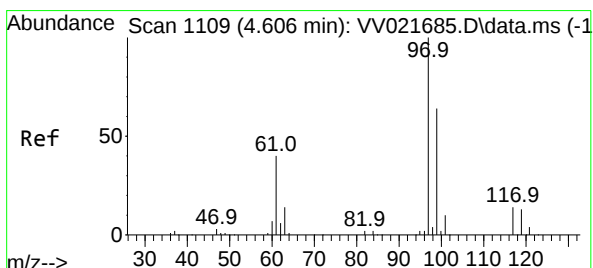
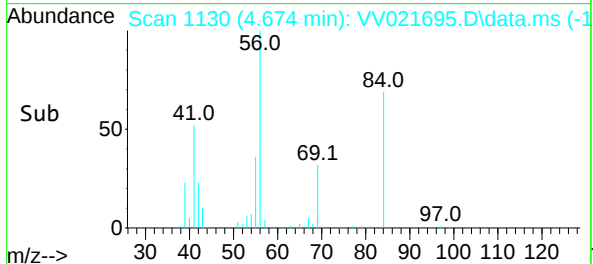
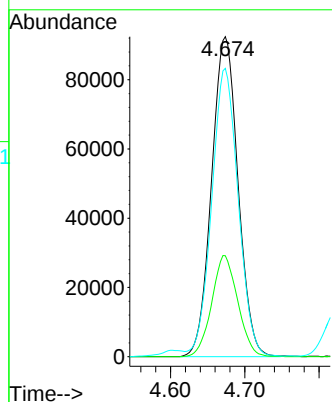
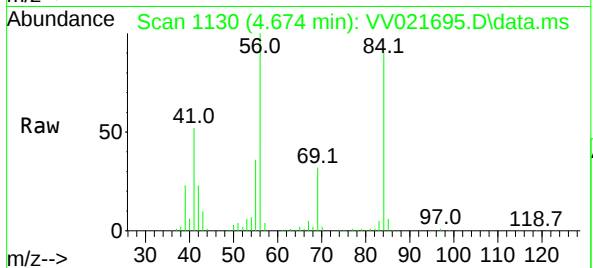
Lab File: VV021695.D

Acq: 22 Jul 2021 10:17

Tgt Ion: 56 Resp: 229040

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.5	36.7
84	90.4	71.4	107.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.628 ug/L

RT: 4.603 min Scan# 1108

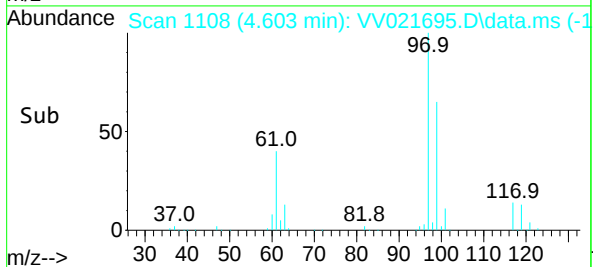
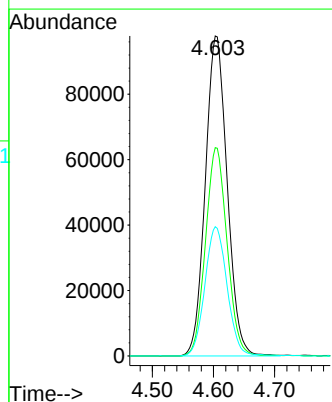
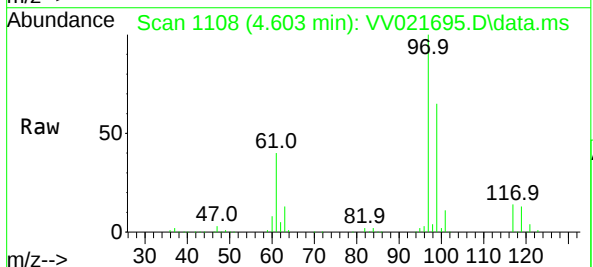
Delta R.T. -0.003 min

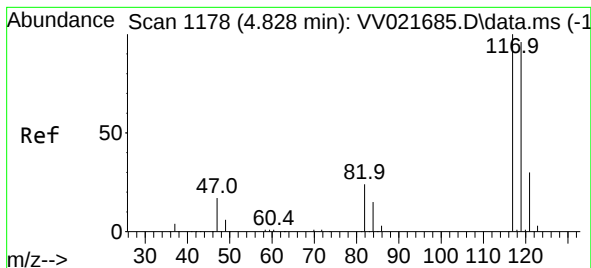
Lab File: VV021695.D

Acq: 22 Jul 2021 10:17

Tgt Ion: 97 Resp: 243356

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	40.9	32.6	49.0

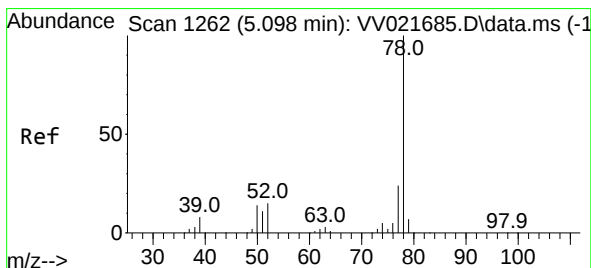
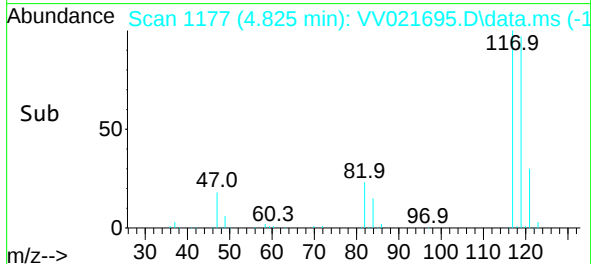
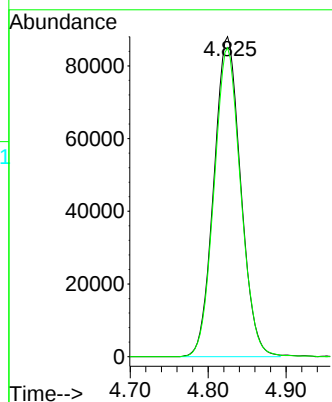
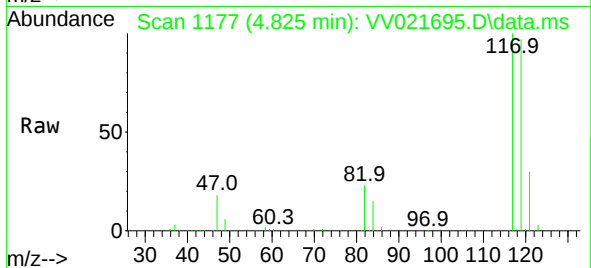




#31
Carbon tetrachloride
Concen: 48.789 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

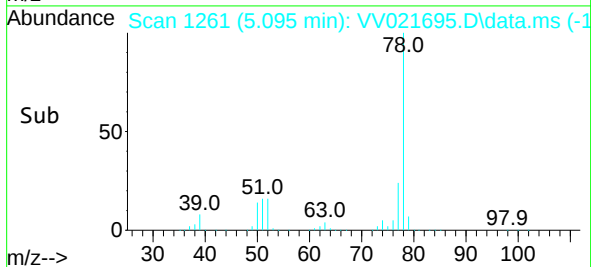
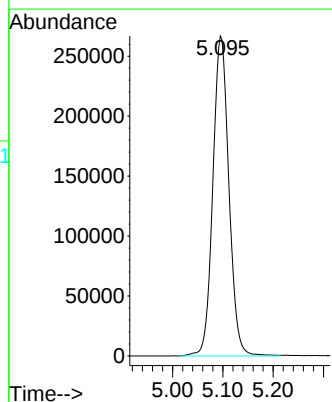
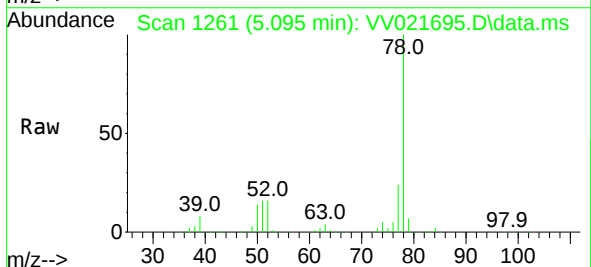
Instrument :
MSVOA_V
ClientSampleId :

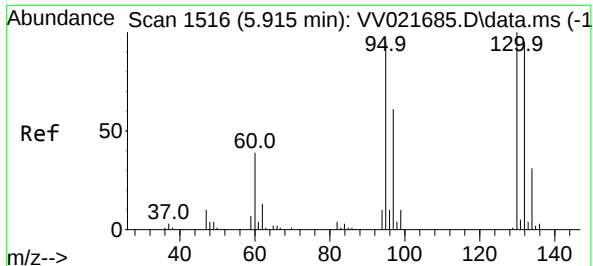
Tgt Ion:117 Resp: 210281
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 49.207 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 78 Resp: 592121

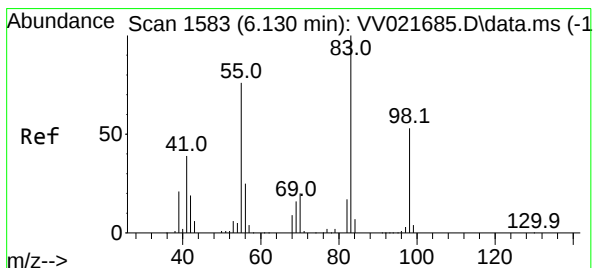
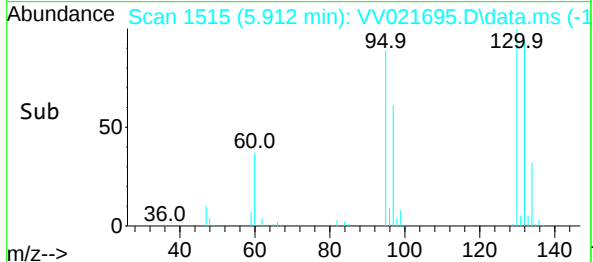
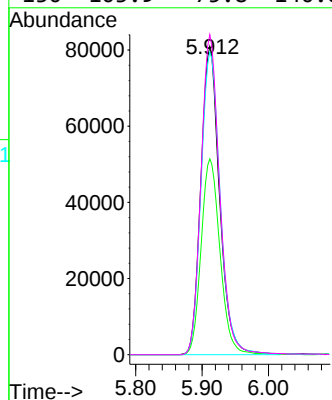
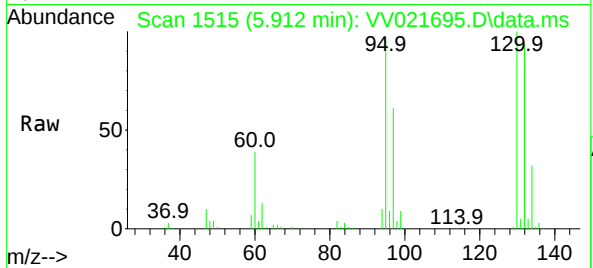




#34
Trichloroethene
Concen: 48.901 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

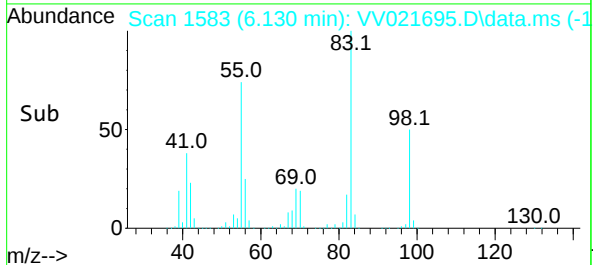
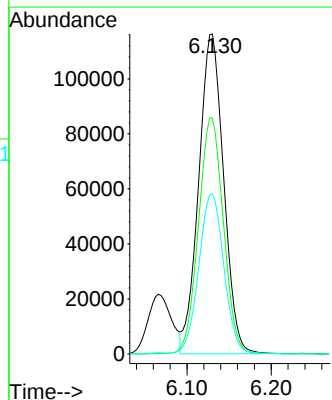
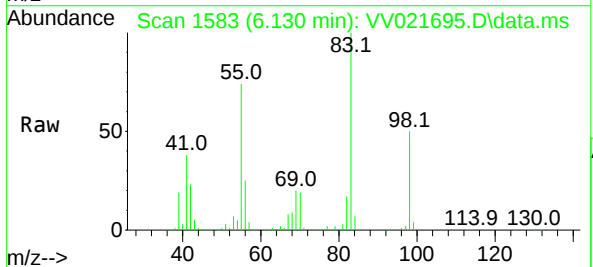
Instrument :
MSVOA_V
ClientSampleId :

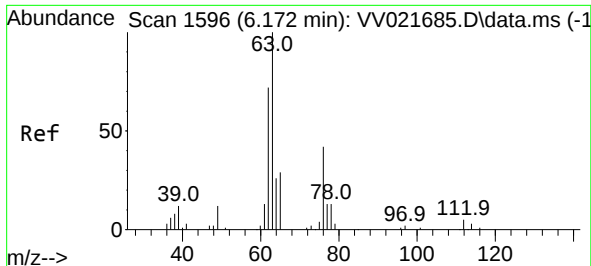
Tgt Ion: 95 Resp: 158924
Ion Ratio Lower Upper
95 100
97 63.6 45.6 84.6
132 98.2 72.4 134.5
130 103.9 75.8 140.8



#35
Methylcyclohexane
Concen: 49.134 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 83 Resp: 239180
Ion Ratio Lower Upper
83 100
55 74.1 59.3 88.9
98 50.6 40.2 60.4

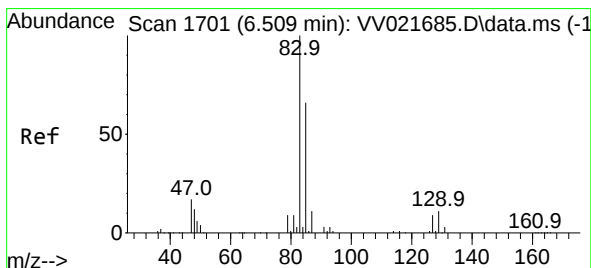
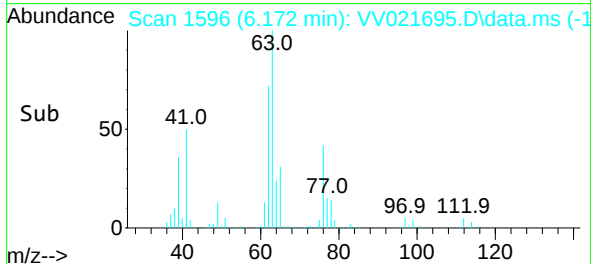
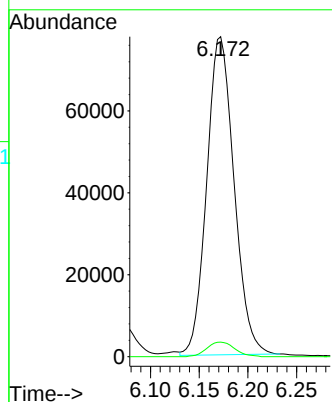
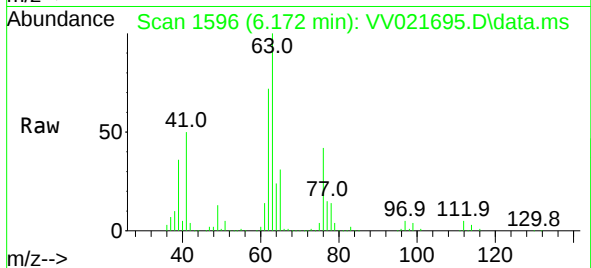




#37
1,2-Dichloropropane
Concen: 48.090 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

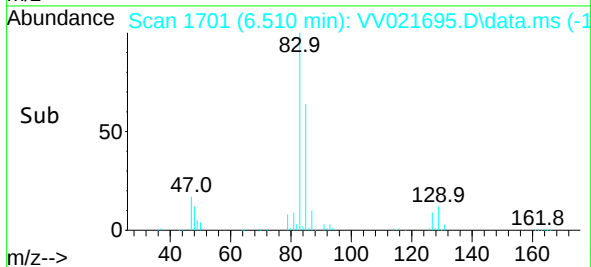
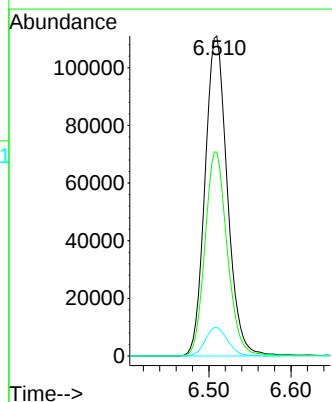
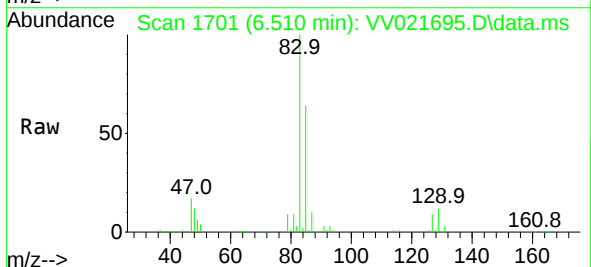
Instrument :
MSVOA_V
ClientSampled :

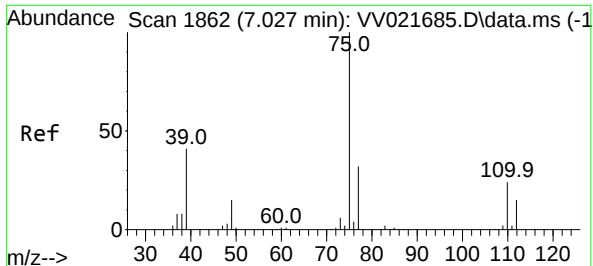
Tgt Ion: 63 Resp: 151668
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 49.305 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 83 Resp: 209443
Ion Ratio Lower Upper
83 100
85 63.7 46.1 85.5
127 8.9 7.4 11.0

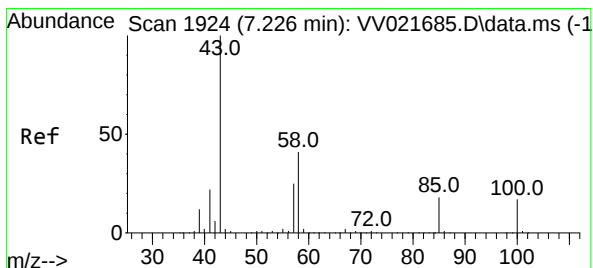
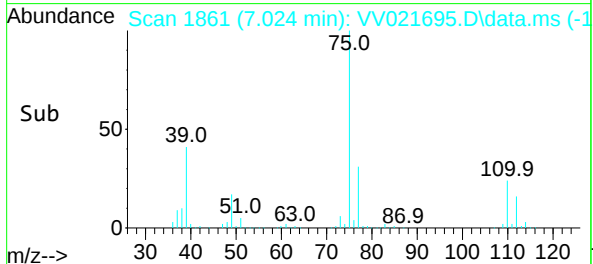
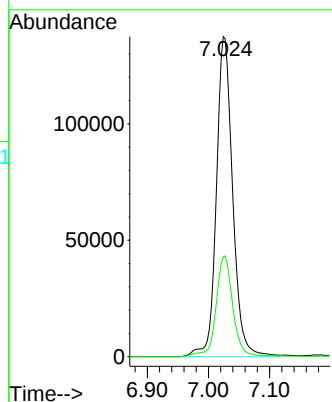
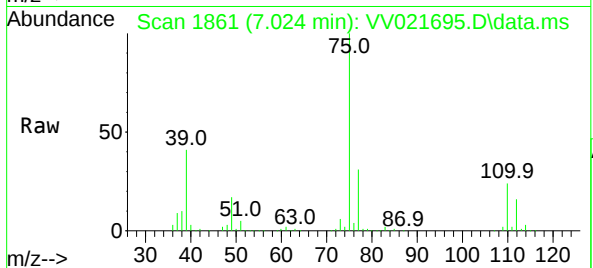




#39
cis-1,3-Dichloropropene
Concen: 50.532 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

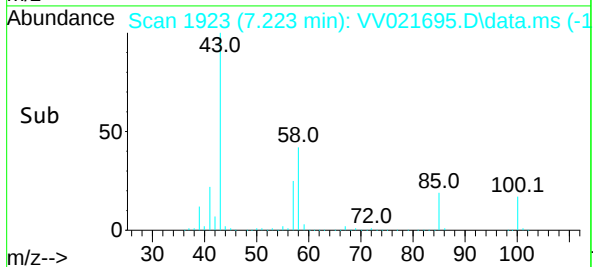
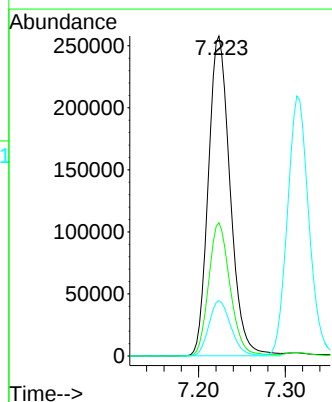
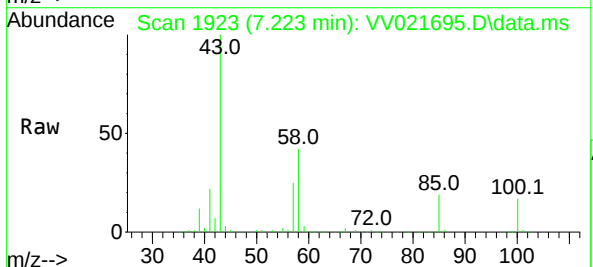
Instrument :
MSVOA_V
ClientSampled :

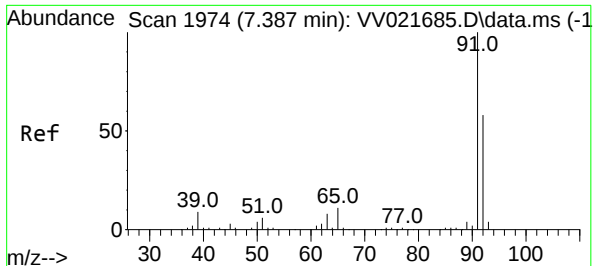
Tgt Ion: 75 Resp: 255231
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 97.641 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 43 Resp: 450346
Ion Ratio Lower Upper
43 100
58 41.1 33.1 49.7
100 17.5 13.8 20.8

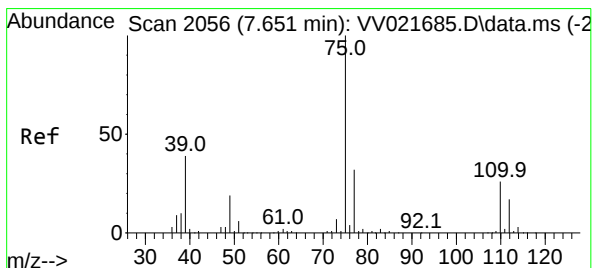
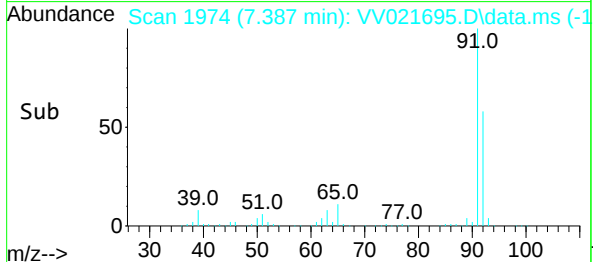
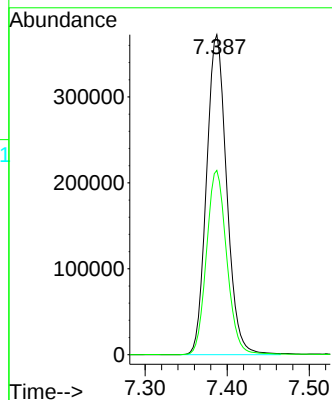
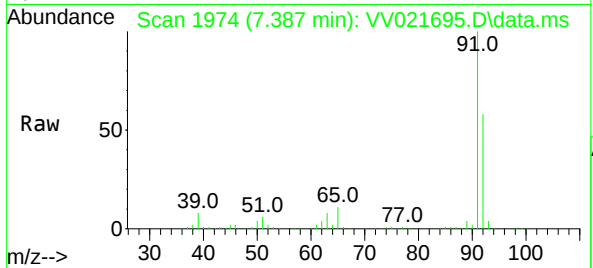




#42
Toluene
Concen: 49.195 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

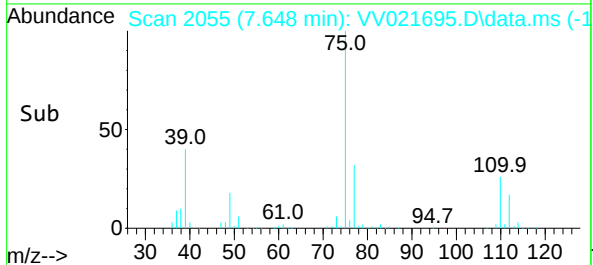
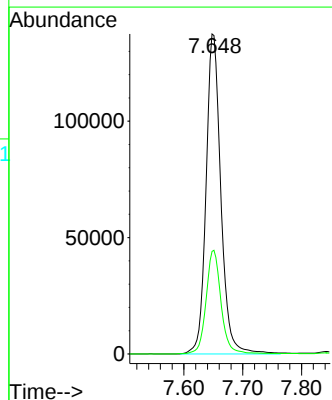
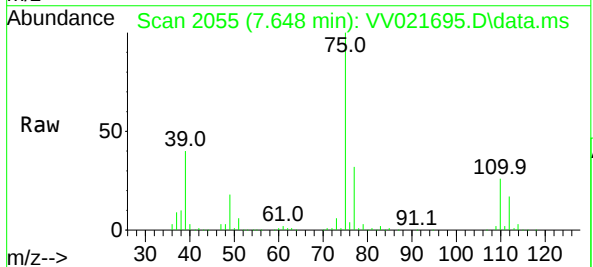
Instrument :
MSVOA_V
ClientSampled :

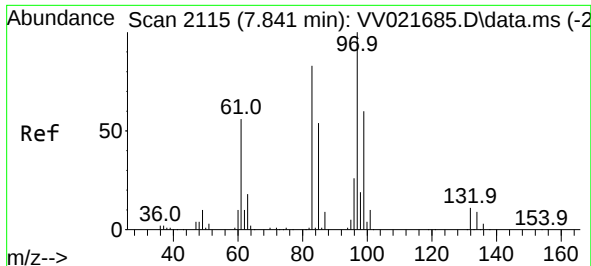
Tgt Ion: 91 Resp: 637415
Ion Ratio Lower Upper
91 100
92 57.6 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 50.317 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 75 Resp: 240792
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



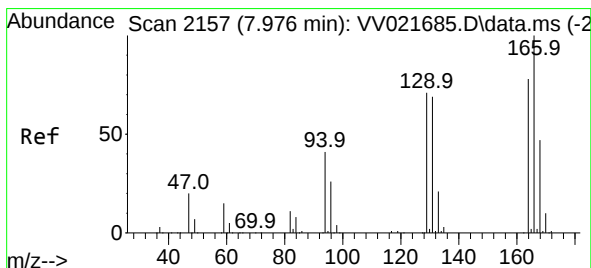
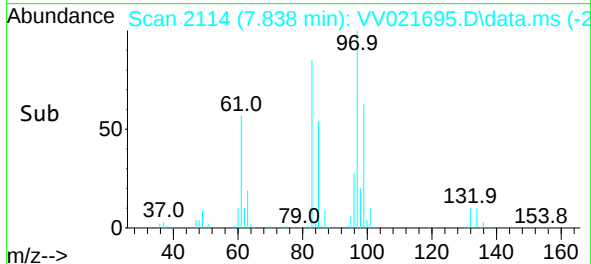
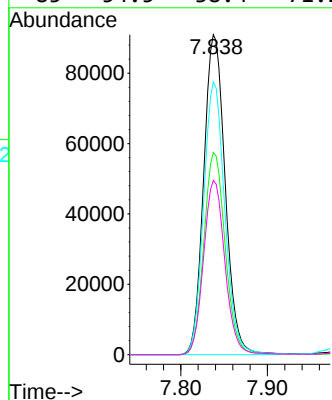
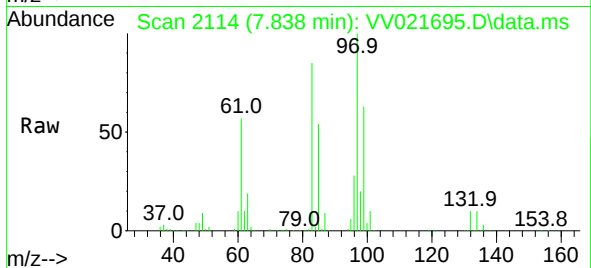


#45

1,1,2-Trichloroethane
Concen: 49.702 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Instrument :
MSVOA_V
ClientSampleId :

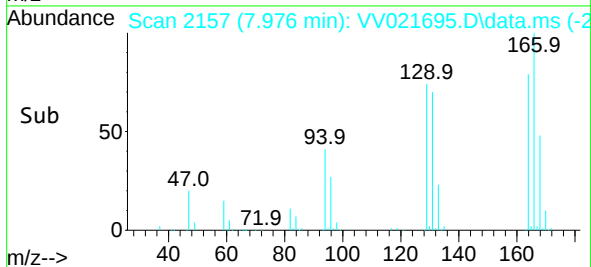
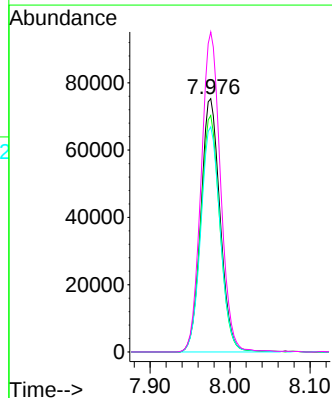
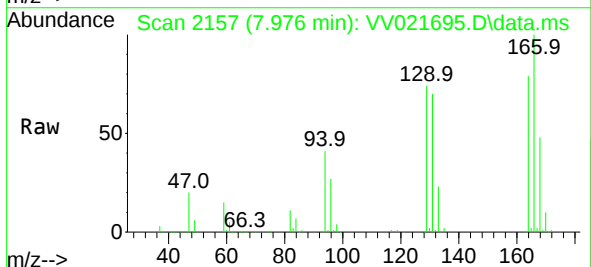
Tgt Ion: 97 Resp: 156771
Ion Ratio Lower Upper
97 100
99 63.2 44.0 81.8
83 85.2 59.1 109.9
85 54.5 38.4 71.2

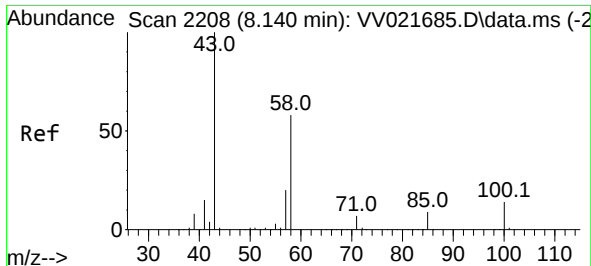


#46

Tetrachloroethene
Concen: 49.728 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 164 Resp: 126173
Ion Ratio Lower Upper
164 100
129 93.3 63.8 118.6
131 88.9 62.1 115.3
166 126.3 87.9 163.3

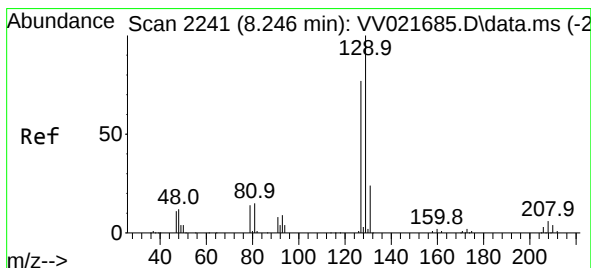
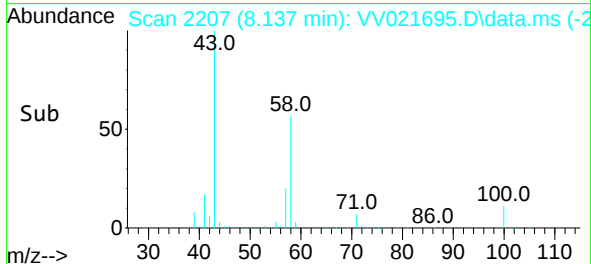
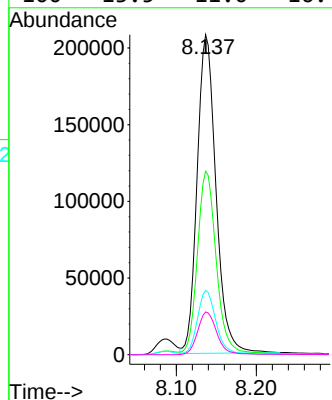
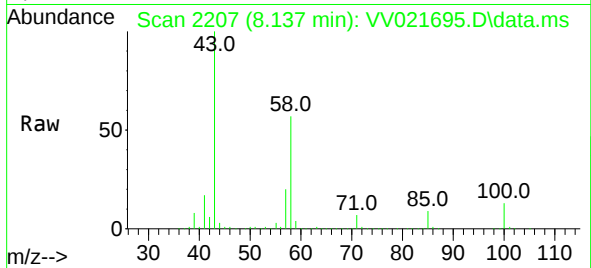




#48
2-Hexanone
Concen: 96.141 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

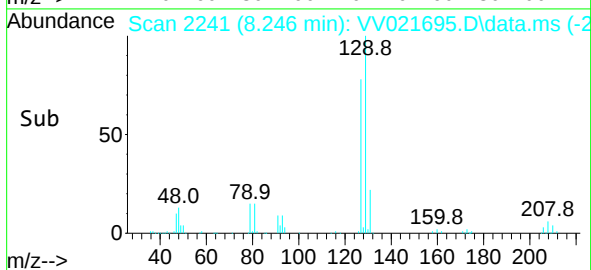
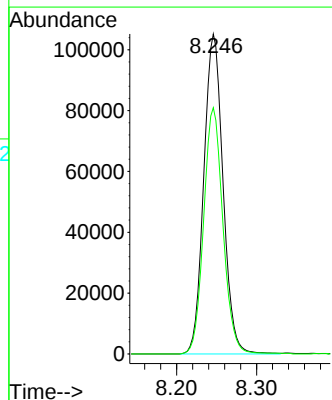
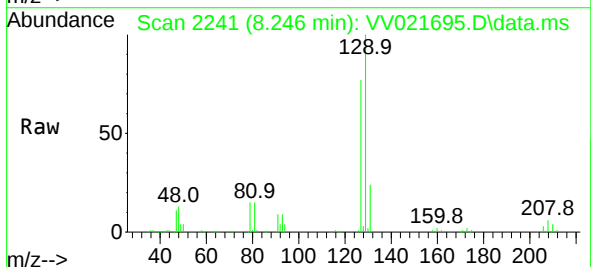
Instrument :
MSVOA_V
ClientSampleId :

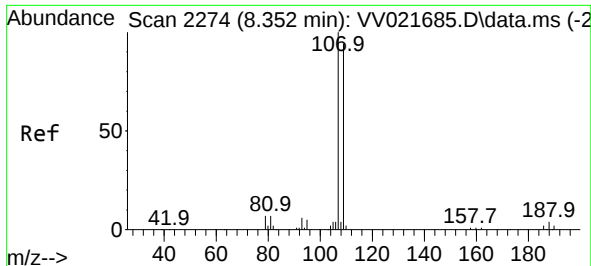
Tgt Ion: 43 Resp: 341497
Ion Ratio Lower Upper
43 100
58 57.0 46.0 69.0
57 19.8 15.6 23.4
100 13.5 11.0 16.4



#49
Dibromochloromethane
Concen: 49.435 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

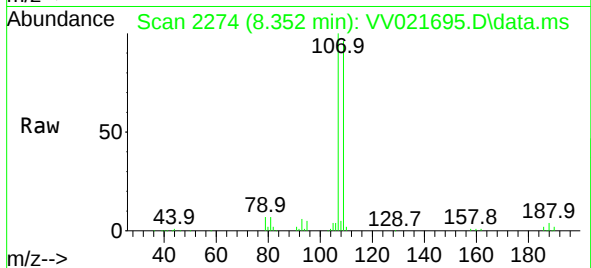
Tgt Ion: 129 Resp: 176206
Ion Ratio Lower Upper
129 100
127 76.9 55.6 103.4



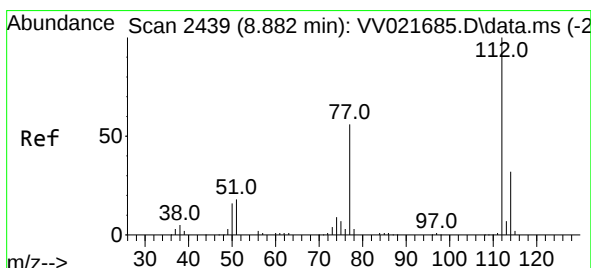
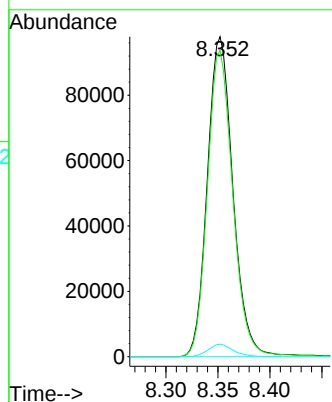
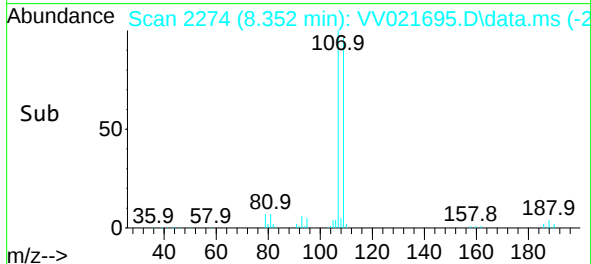


#50
1,2-Dibromoethane
Concen: 49.472 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

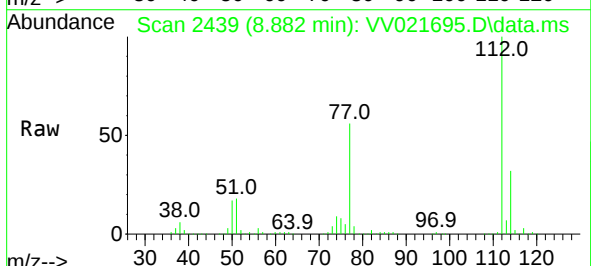
Instrument :
MSVOA_V
ClientSampleId :



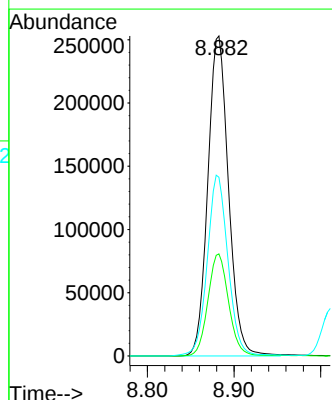
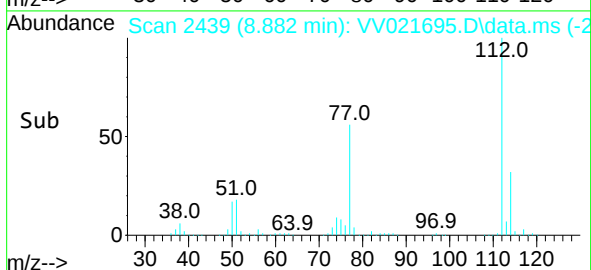
Tgt Ion:107 Resp: 166838
Ion Ratio Lower Upper
107 100
109 95.7 65.7 122.1
188 3.9 2.9 4.3

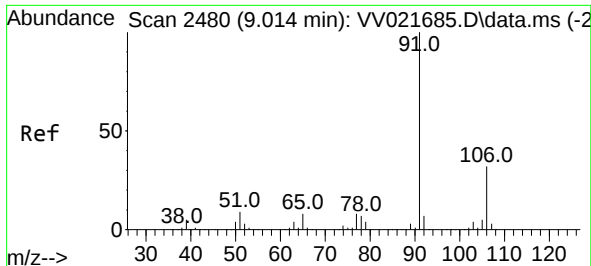


#51
Chlorobenzene
Concen: 49.394 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17



Tgt Ion:112 Resp: 419796
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.9
77 55.8 45.0 67.6





#52

Ethylbenzene

Concen: 49.757 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021695.D

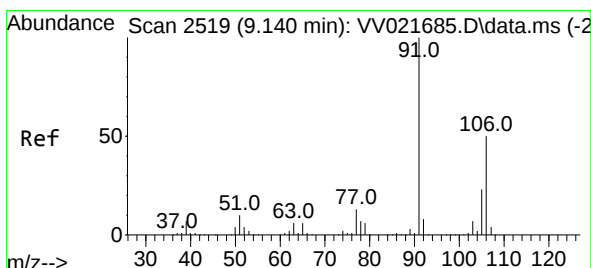
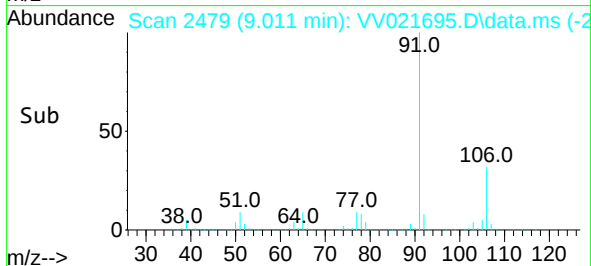
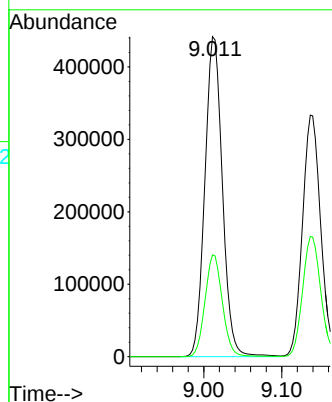
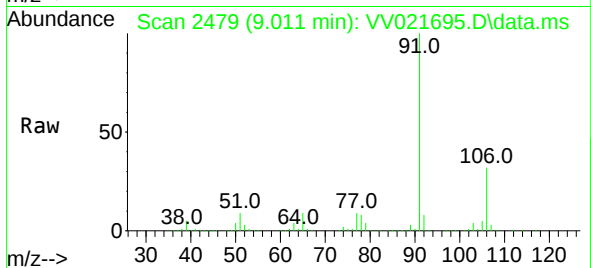
Acq: 22 Jul 2021 10:17

Tgt Ion: 91 Resp: 690701

Ion Ratio Lower Upper

91 100

106 31.8 22.1 41.1



#53

m,p-Xylene

Concen: 49.999 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021695.D

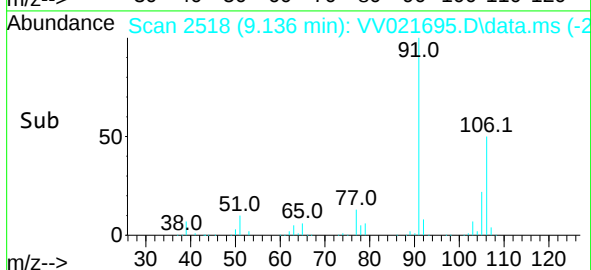
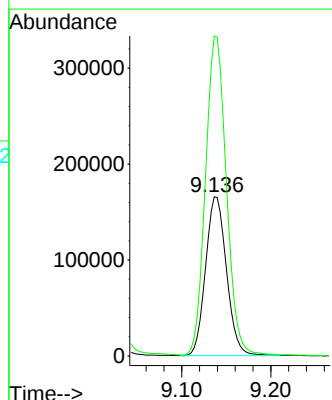
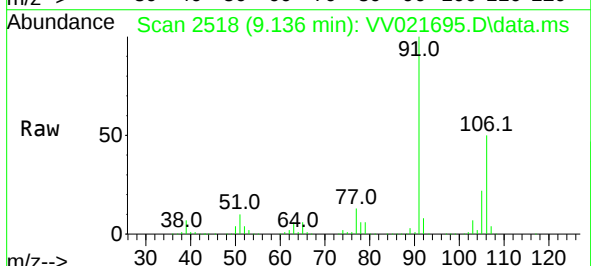
Acq: 22 Jul 2021 10:17

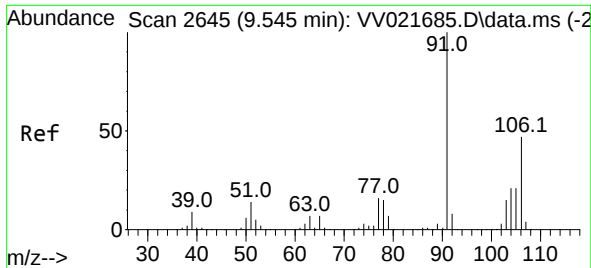
Tgt Ion: 106 Resp: 269679

Ion Ratio Lower Upper

106 100

91 201.1 142.0 263.6

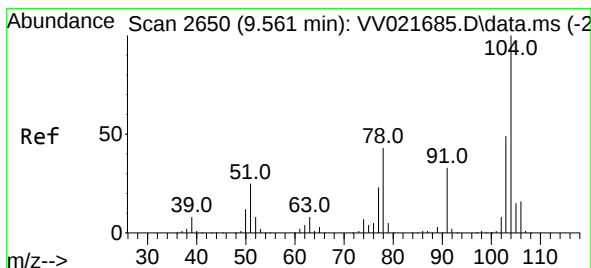
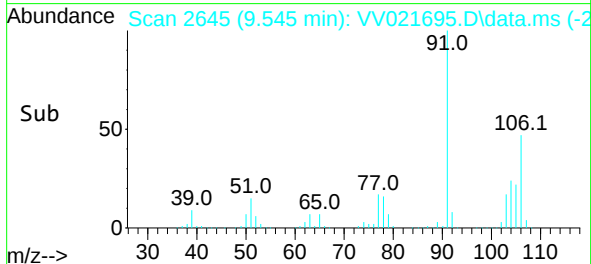
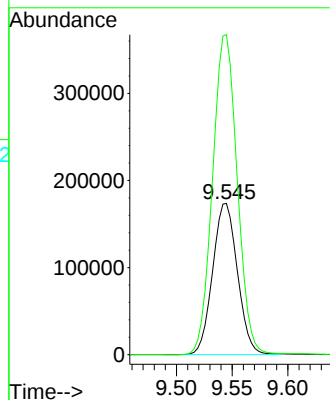
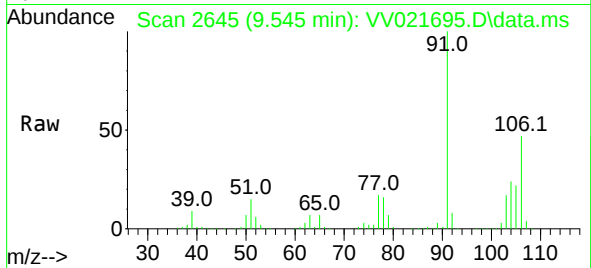




#54
o-Xylene
Concen: 49.763 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

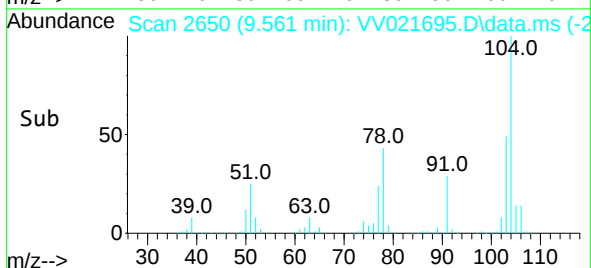
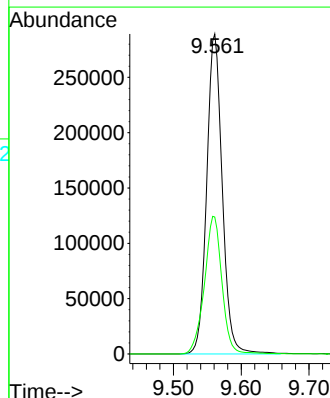
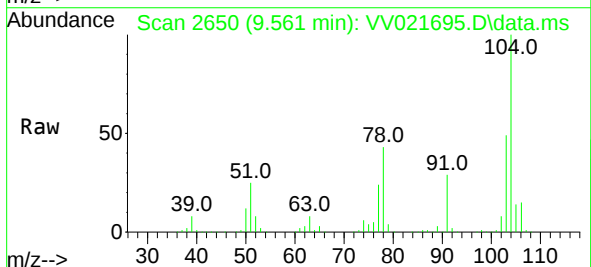
Instrument :
MSVOA_V
ClientSampleId :

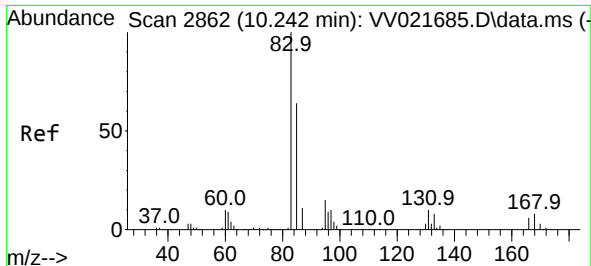
Tgt Ion:106 Resp: 268765
Ion Ratio Lower Upper
106 100
91 211.7 146.8 272.6



#55
Styrene
Concen: 50.718 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion:104 Resp: 461635
Ion Ratio Lower Upper
104 100
78 42.8 30.1 55.9

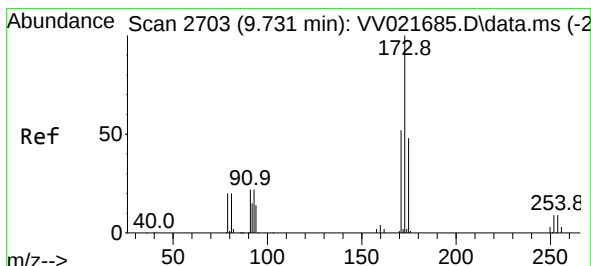
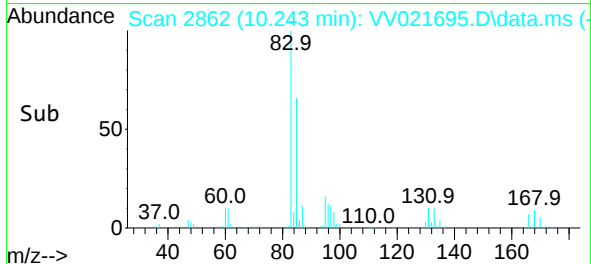
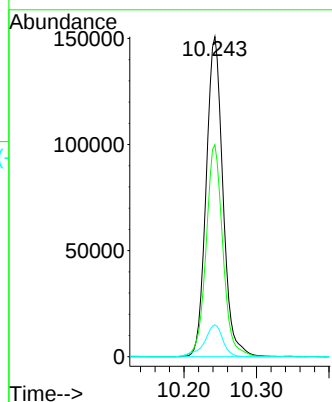
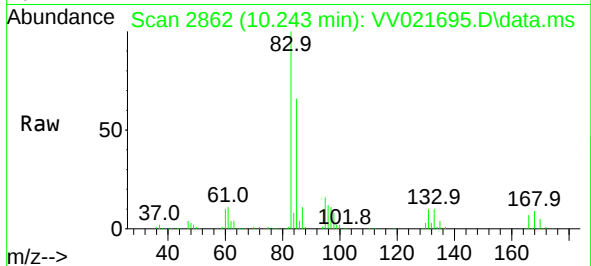




#57
1,1,2,2-Tetrachloroethane
Concen: 49.812 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

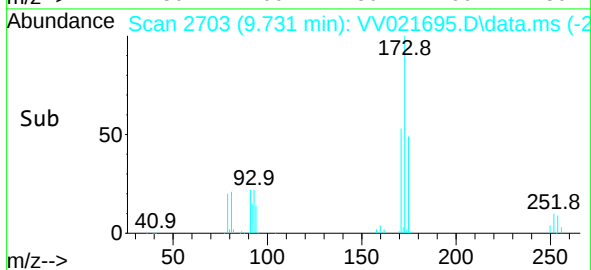
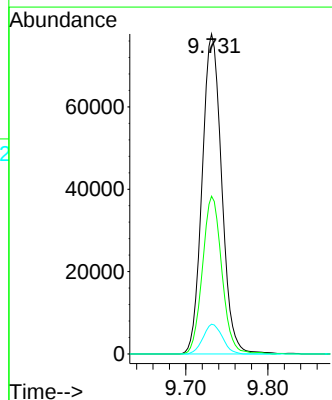
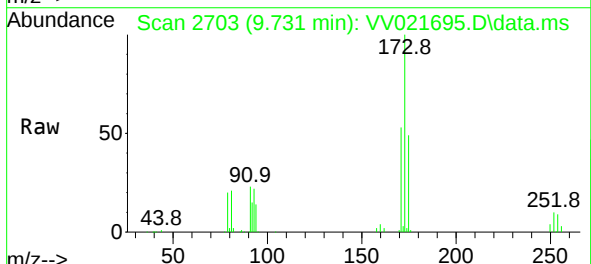
Instrument :
MSVOA_V
ClientSampled :

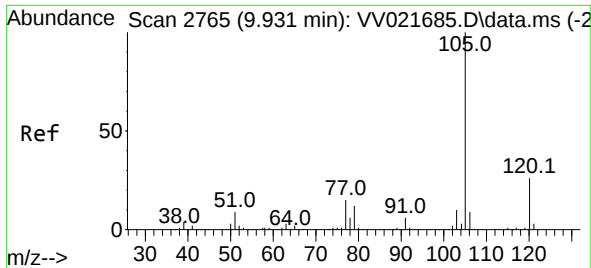
Tgt Ion: 83 Resp: 241851
Ion Ratio Lower Upper
83 100
85 66.3 45.3 84.1
131 10.0 8.2 12.2



#59
Bromoform
Concen: 46.252 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 173 Resp: 128572
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
254 9.2 7.0 10.4

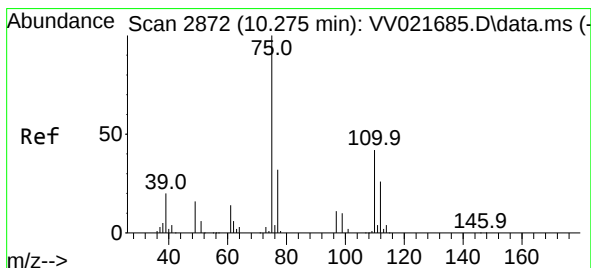
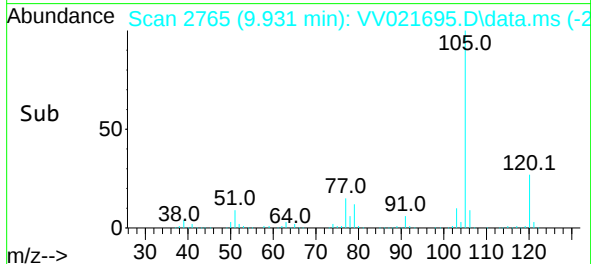
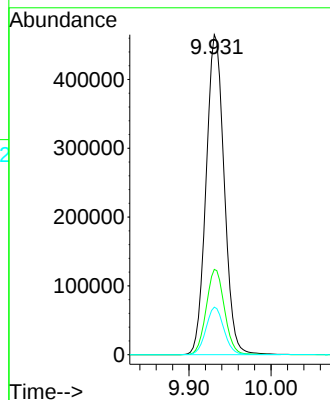
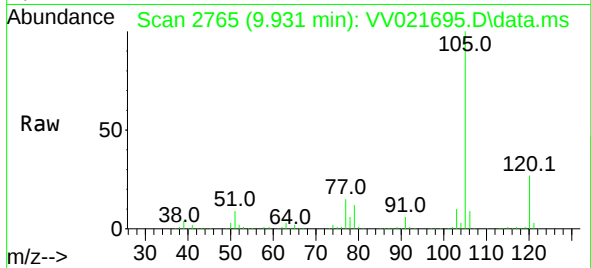




#60
Isopropylbenzene
Concen: 48.701 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

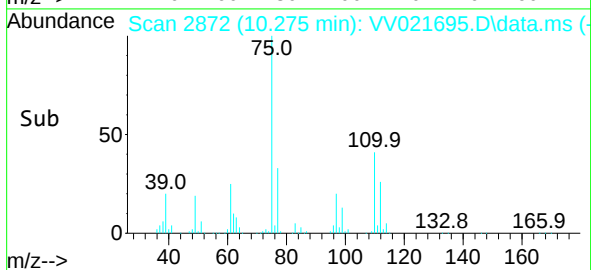
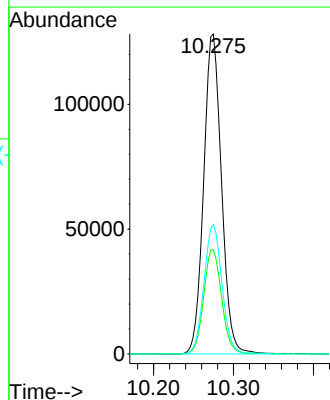
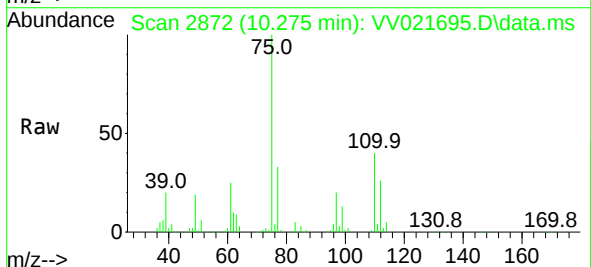
Instrument :
MSVOA_V
ClientSampleId :

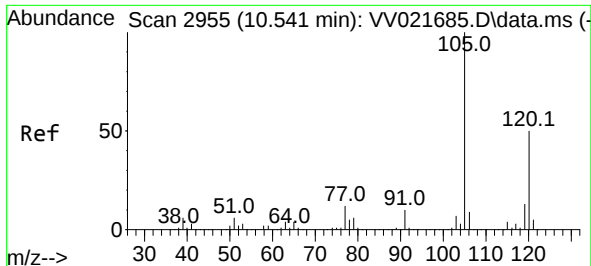
Tgt Ion:105 Resp: 712524
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 47.680 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 75 Resp: 199378
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
110 40.9 32.9 49.3

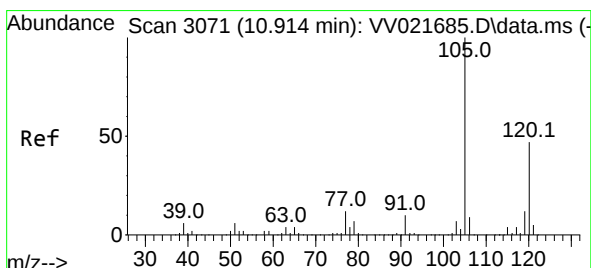
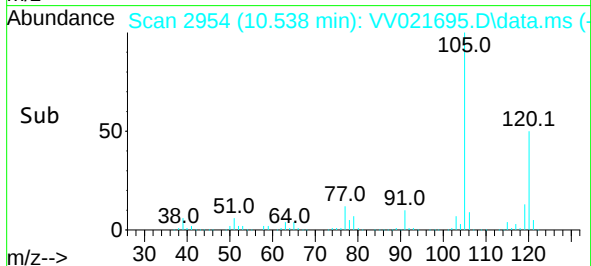
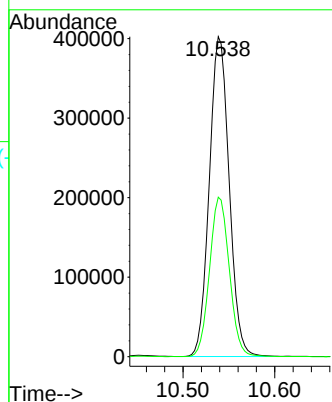
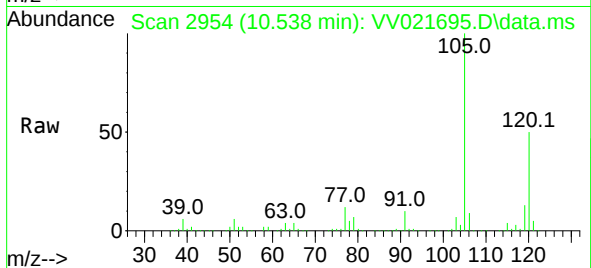




#62
 1,3,5-Trimethylbenzene
 Concen: 49.049 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV021695.D
 Acq: 22 Jul 2021 10:17

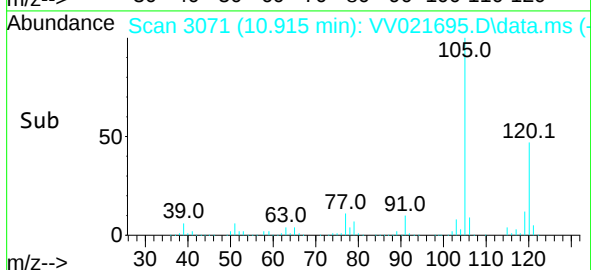
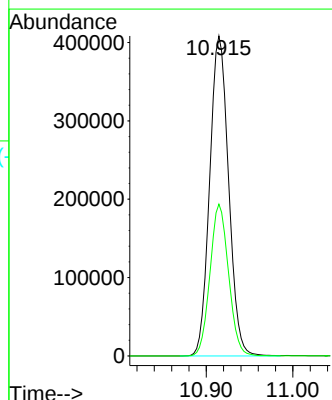
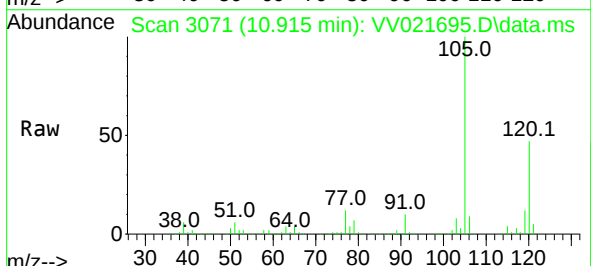
Instrument :
 MSVOA_V
 ClientSampled :

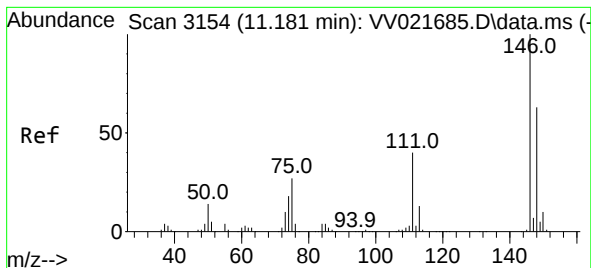
Tgt Ion:105 Resp: 605058
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 49.583 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV021695.D
 Acq: 22 Jul 2021 10:17

Tgt Ion:105 Resp: 617865
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.0 55.4

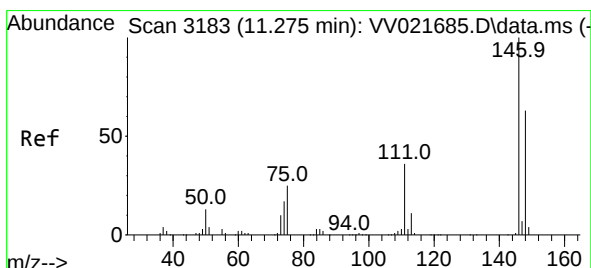
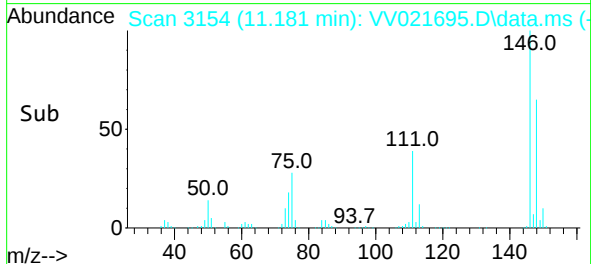
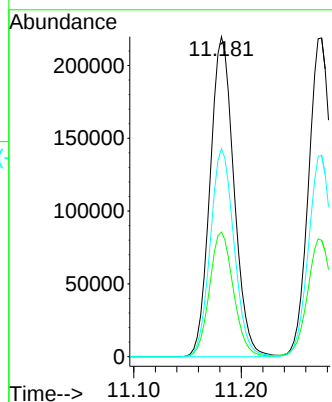
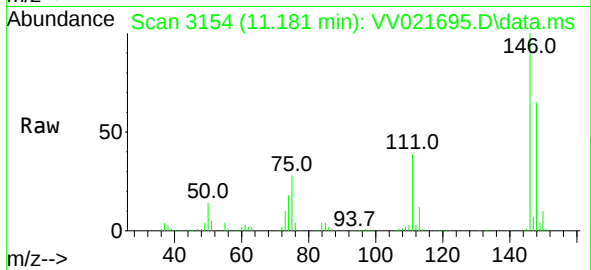




#64
1,3-Dichlorobenzene
Concen: 49.056 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

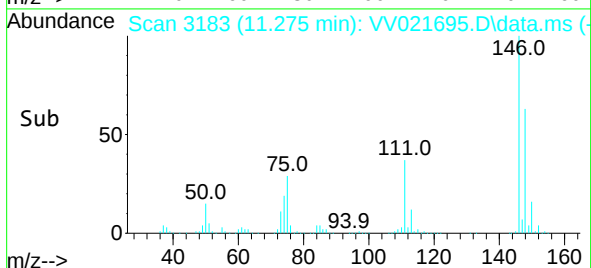
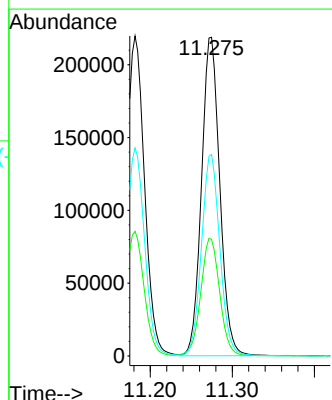
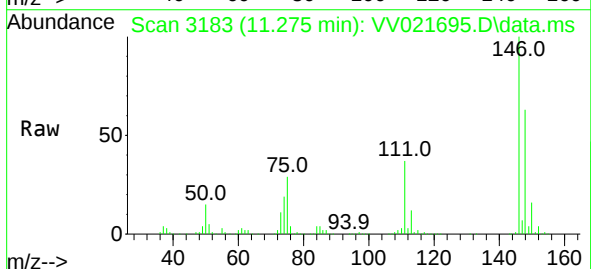
Instrument :
MSVOA_V
ClientSampled :

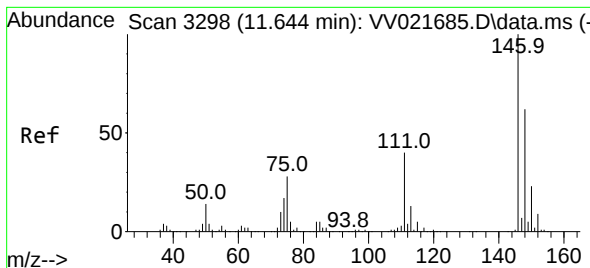
Tgt Ion:146 Resp: 339215
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.6
148 65.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 48.922 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion:146 Resp: 338622
Ion Ratio Lower Upper
146 100
111 36.5 26.1 48.5
148 63.2 44.8 83.2

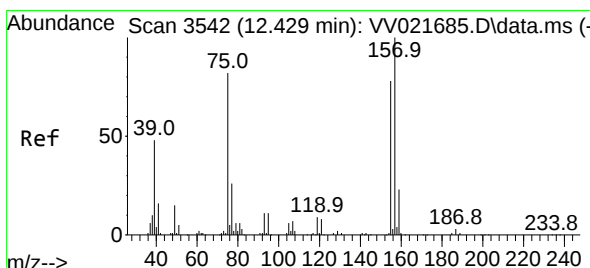
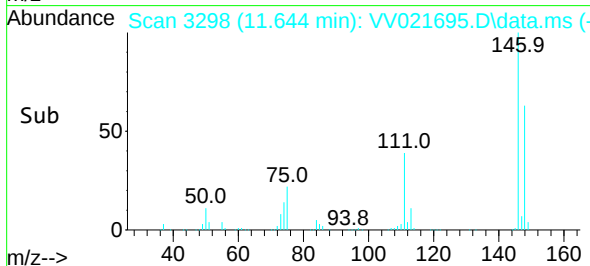
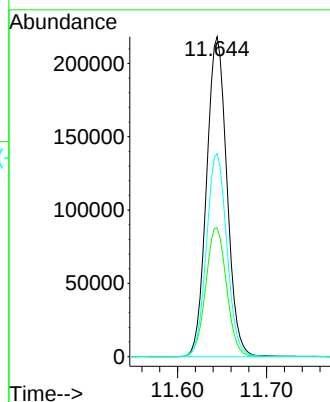
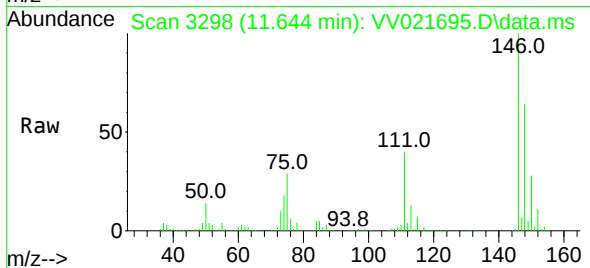




#67
1,2-Dichlorobenzene
Concen: 49.200 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

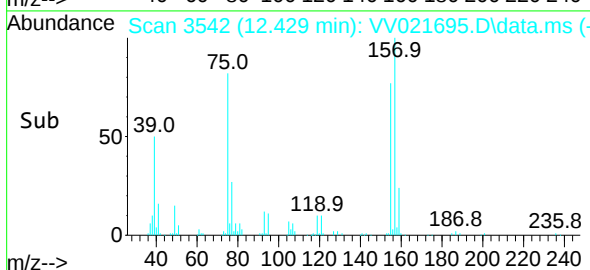
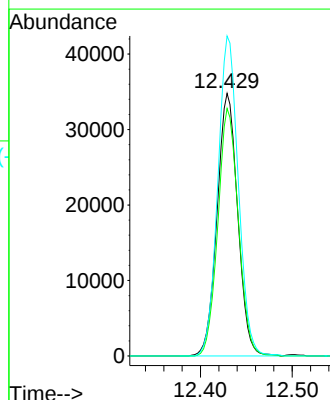
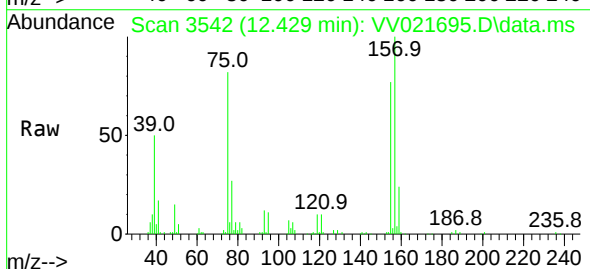
Instrument :
MSVOA_V
ClientSampleId :

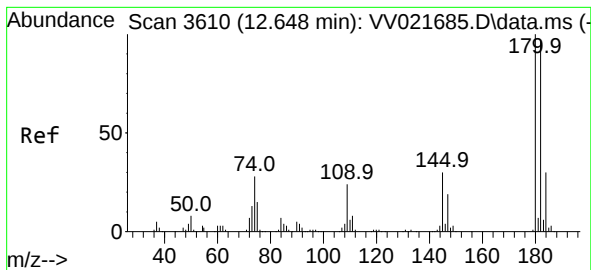
Tgt Ion:146 Resp: 345337
Ion Ratio Lower Upper
146 100
111 40.2 32.1 48.1
148 63.5 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 47.037 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion: 75 Resp: 54407
Ion Ratio Lower Upper
75 100
155 94.2 77.0 115.4
157 121.8 100.7 151.1

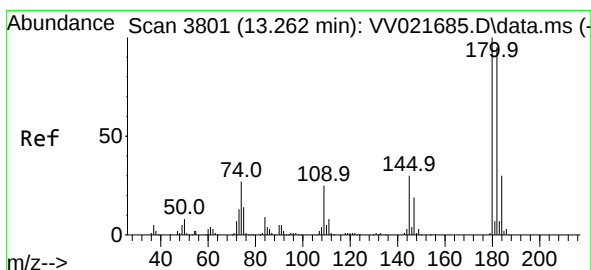
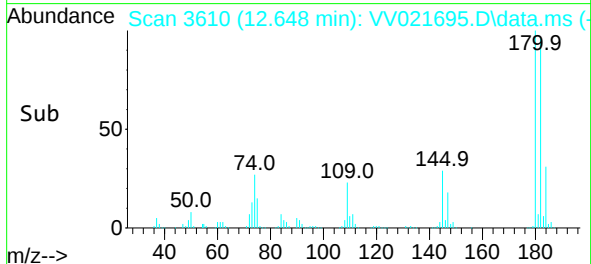
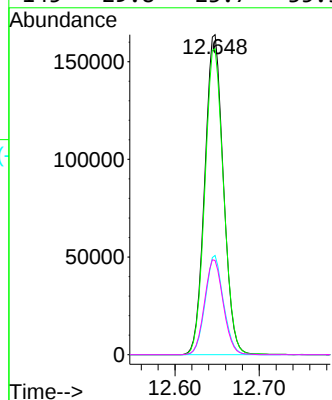
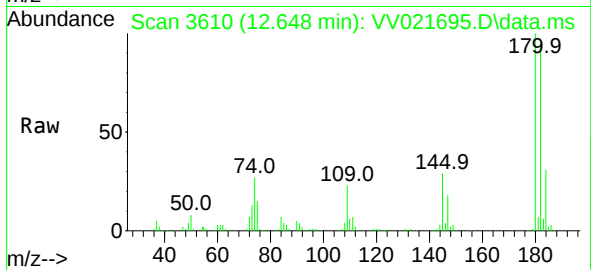




#69
1,3,5-Trichlorobenzene
Concen: 49.192 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

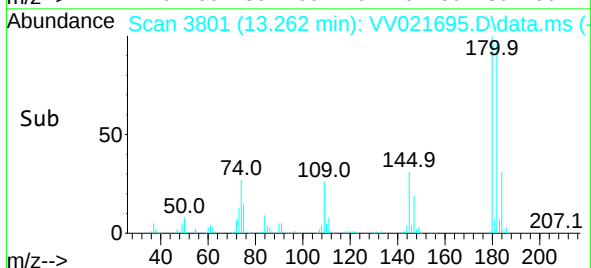
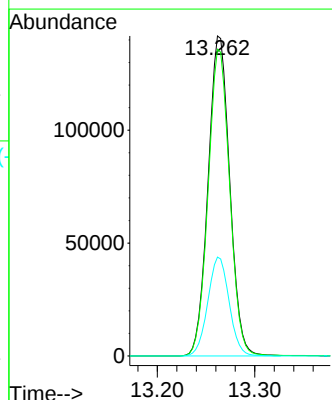
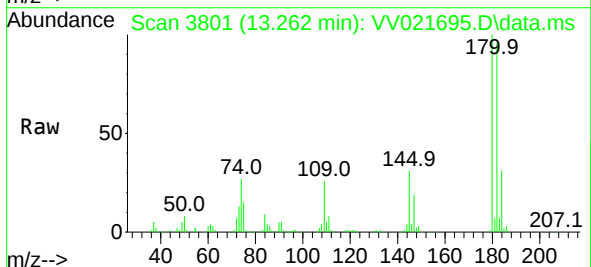
Instrument :
MSVOA_V
ClientSampleId :

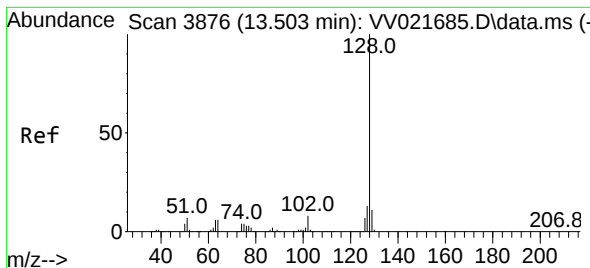
Tgt Ion:180 Resp: 252265
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
184 30.2 24.9 37.3
145 29.8 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 48.312 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion:180 Resp: 218578
Ion Ratio Lower Upper
180 100
182 95.1 76.7 115.1
145 30.5 24.5 36.7

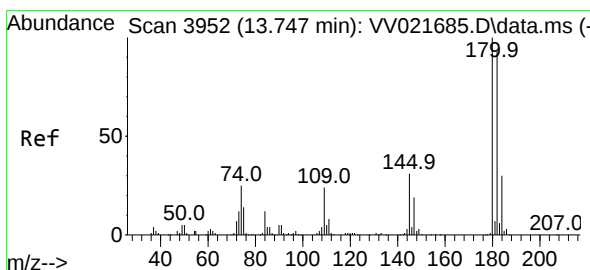
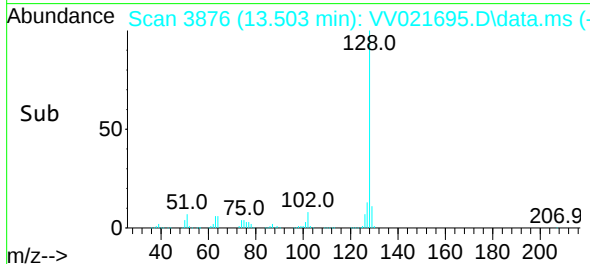
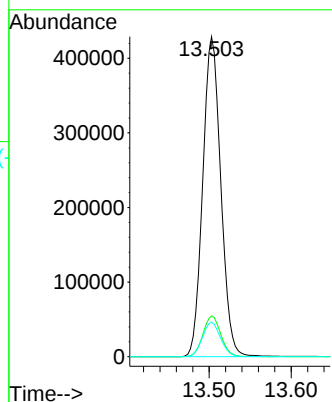
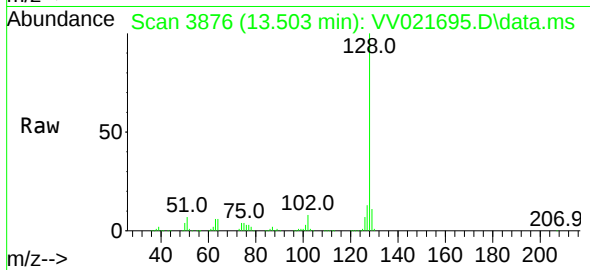




#71
Naphthalene
Concen: 46.886 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 655525
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.039 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV021695.D
Acq: 22 Jul 2021 10:17

Tgt Ion:180 Resp: 216972
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 32.4 25.5 38.3

