

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021680.D
 Acq On : 19 Jul 2021 14:19
 Operator : SY/MD
 Sample : VSTD20029
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200229

Quant Time: Jul 20 01:28:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	462805	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	430265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	231140	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	660547	221.151	ug/L	0.00
7) Chloroethane-d5	1.558	69	289002	120.490	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	1089437	203.270	ug/L	0.00
21) 2-Butanone-d5	3.870	46	1025170	411.200	ug/L	0.00
24) Chloroform-d	4.346	84	1253915	204.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	742639	205.232	ug/L	0.00
32) Benzene-d6	5.047	84	2540278	207.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	796150	205.820	ug/L	0.00
41) Toluene-d8	7.317	98	2350631	207.147	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	413548	215.117	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	768730	432.678	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1051420	203.507	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	933774	199.945	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	649441	168.611	ug/L	100
3) Chloromethane	1.240	50	603240	162.867	ug/L	99
5) Vinyl chloride	1.307	62	635079	171.217	ug/L	99
6) Bromomethane	1.513	94	264312	131.635	ug/L	100
8) Chloroethane	1.574	64	283196	133.222	ug/L	100
9) Trichlorofluoromethane	1.744	101	900453	188.917	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	508790	188.521	ug/L	100
12) 1,1-Dichloroethene	2.114	96	466926	180.658	ug/L	88
13) Acetone	2.162	43	531449	275.356	ug/L	99
14) Carbon disulfide	2.288	76	1425562	159.786	ug/L	99
15) Methyl Acetate	2.423	43	680991	180.461	ug/L	100
16) Methylene chloride	2.503	84	623385	175.797	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	570230	180.838	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	1912665	185.634	ug/L	99
19) 1,1-Dichloroethane	3.185	63	1069613	184.934	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	663654	187.884	ug/L	98
22) 2-Butanone	3.953	43	946061	343.091	ug/L	98
23) Bromochloromethane	4.243	128	346394	185.952	ug/L	98
25) Chloroform	4.371	83	1097494	185.843	ug/L	97
27) 1,2-Dichloroethane	5.127	62	787925	184.381	ug/L	99
29) Cyclohexane	4.677	56	934141	175.474	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	980195	182.878	ug/L	100
31) Carbon tetrachloride	4.825	117	864532	184.448	ug/L	99
33) Benzene	5.098	78	2352879	181.253	ug/L	100
34) Trichloroethene	5.911	95	634116	181.075	ug/L	98
35) Methylcyclohexane	6.130	83	984430	178.954	ug/L	99
37) 1,2-Dichloropropane	6.172	63	620743	182.828	ug/L	100
38) Bromodichloromethane	6.509	83	857347	188.323	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	1045165	188.256	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	1794734	362.514	ug/L	99
42) Toluene	7.387	91	2533392	182.387	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	984803	190.065	ug/L	100

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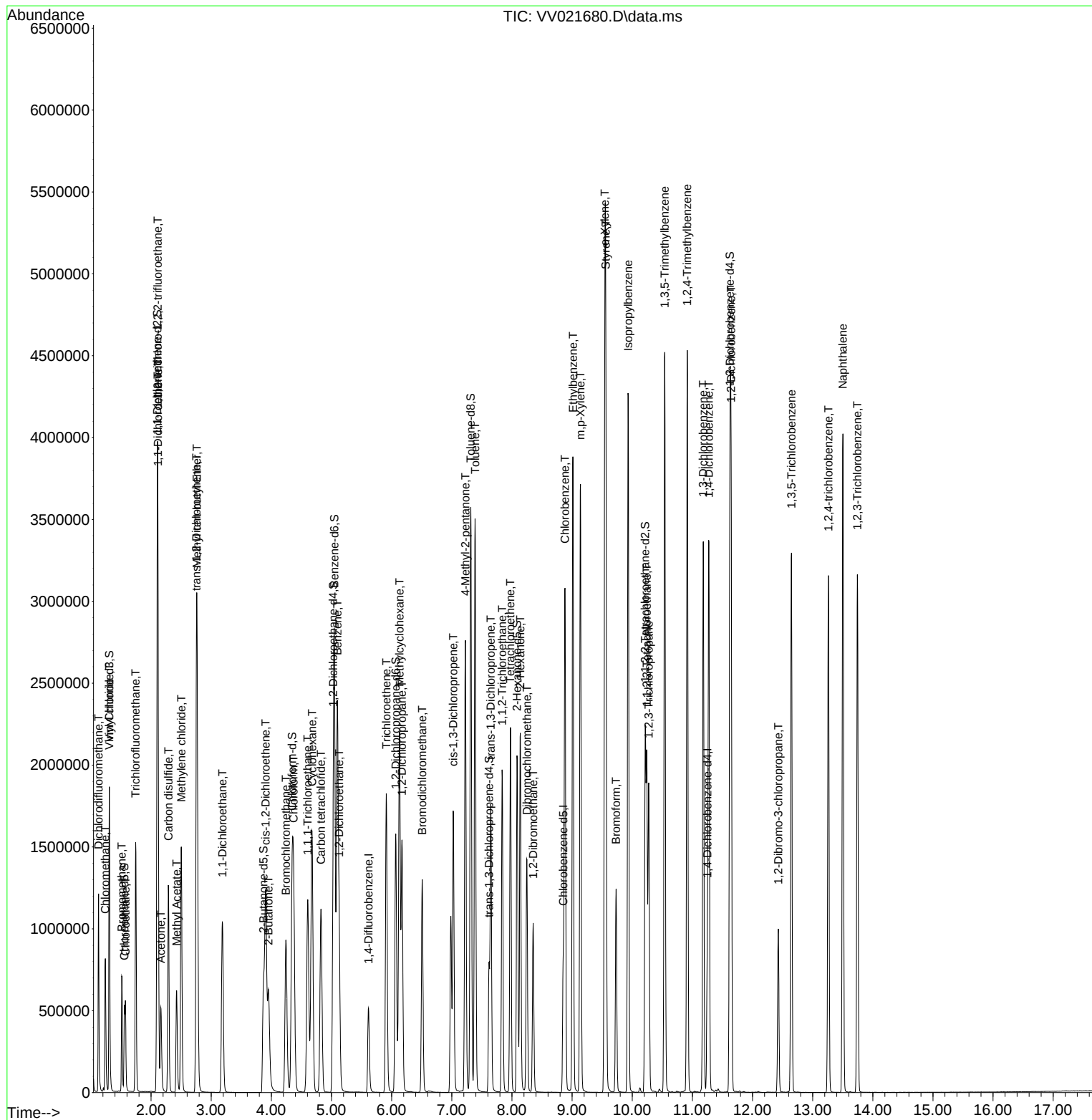
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	620229	186.574	ug/L	99
46) Tetrachloroethene	7.976	164	507032	182.577	ug/L	98
48) 2-Hexanone	8.140	43	1334284	342.478	ug/L	99
49) Dibromochloromethane	8.249	129	731906	192.413	ug/L	98
50) 1,2-Dibromoethane	8.352	107	667612	184.080	ug/L	99
51) Chlorobenzene	8.882	112	1666001	184.157	ug/L	100
52) Ethylbenzene	9.014	91	2749947	182.443	ug/L	99
53) m,p-Xylene	9.140	106	1083630	187.312	ug/L	95
54) o-Xylene	9.545	106	1063397	184.147	ug/L	99
55) Styrene	9.561	104	1819124	186.138	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	969599	187.607	ug/L	99
59) Bromoform	9.731	173	560566	190.735	ug/L	99
60) Isopropylbenzene	9.934	105	2791987	178.401	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	758519	170.650	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	2394150	179.574	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	2428015	180.221	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1355503	184.084	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	1353853	183.562	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	1335222	180.627	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	240380	185.538	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	1049299	190.936	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	977316	206.177	ug/L	99
71) Naphthalene	13.503	128	3136730	217.041	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	970035	205.843	ug/L	100

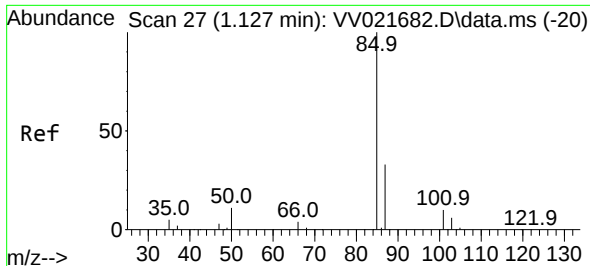
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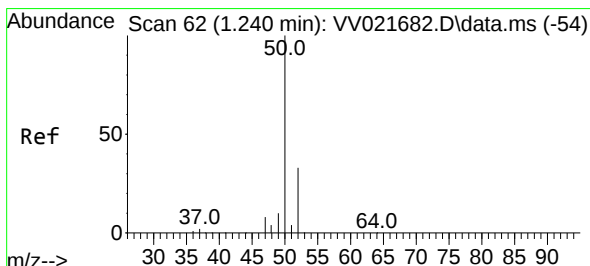
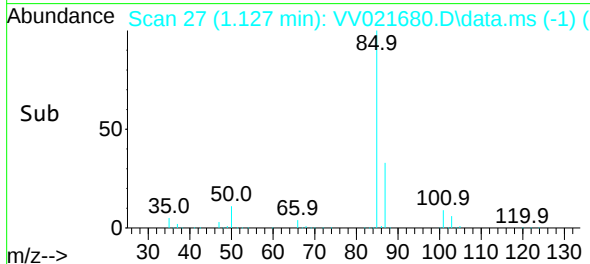
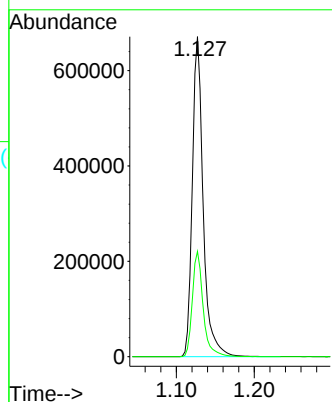
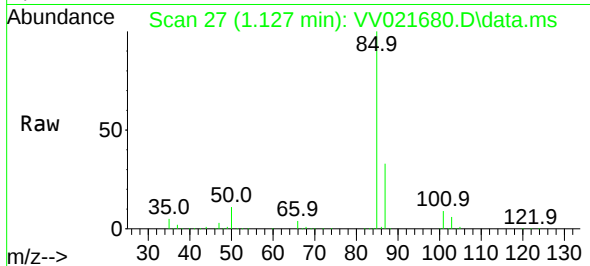




#2
Dichlorodifluoromethane
Concen: 168.611 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

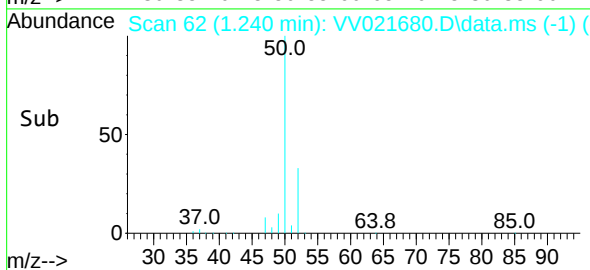
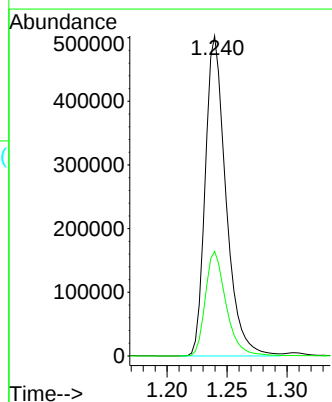
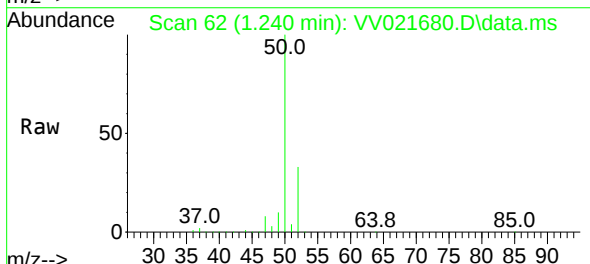
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

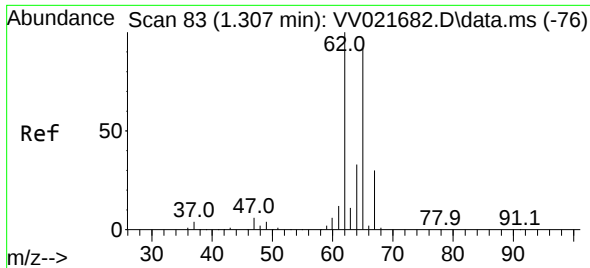
Tgt Ion: 85 Resp: 649441
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0



#3
Chloromethane
Concen: 162.867 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 50 Resp: 603240
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

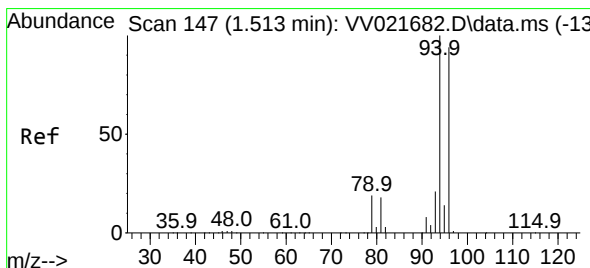
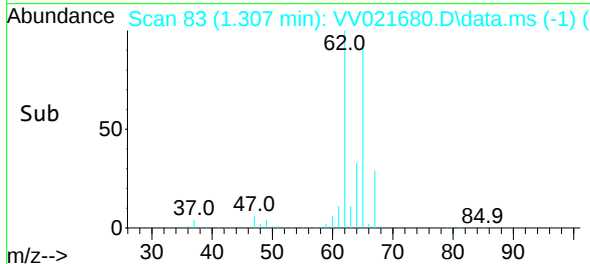
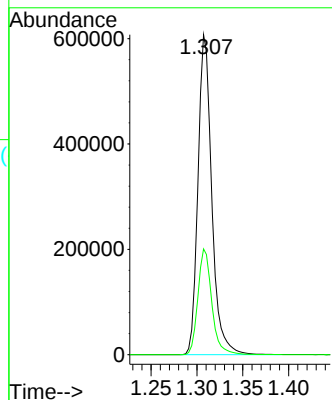
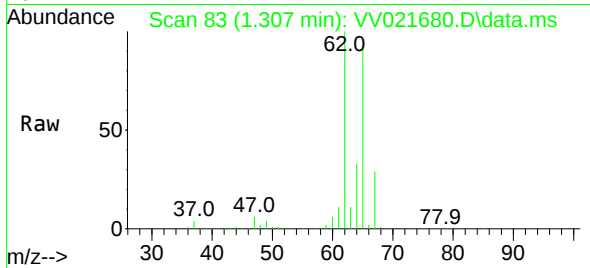




#5
 Vinyl chloride
 Concen: 171.217 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021680.D
 Acq: 19 Jul 2021 14:19

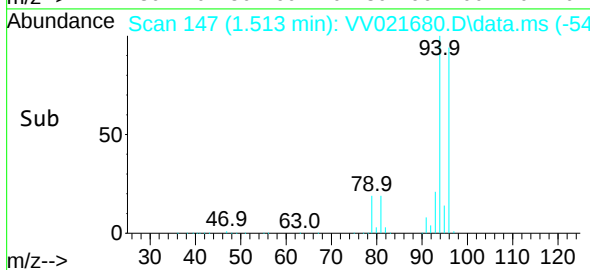
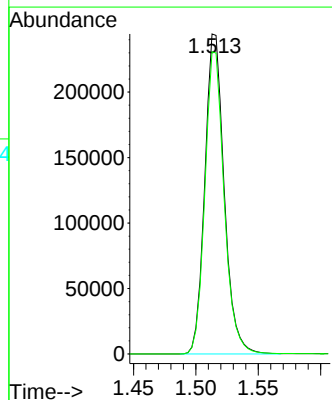
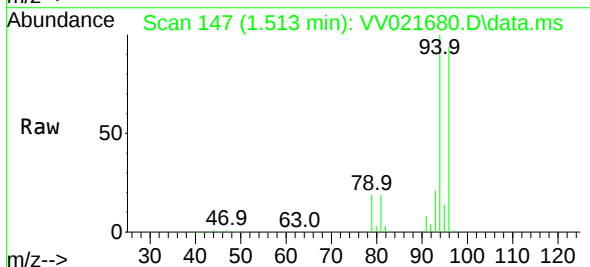
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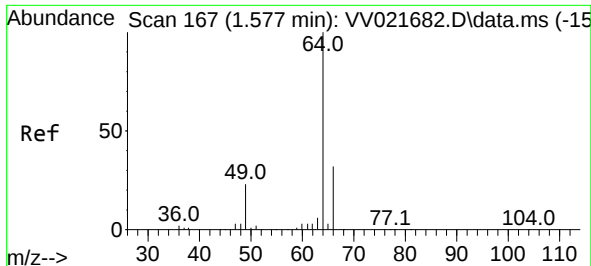
Tgt Ion: 62 Resp: 635079
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 131.635 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV021680.D
 Acq: 19 Jul 2021 14:19

Tgt Ion: 94 Resp: 264312
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.0 122.6

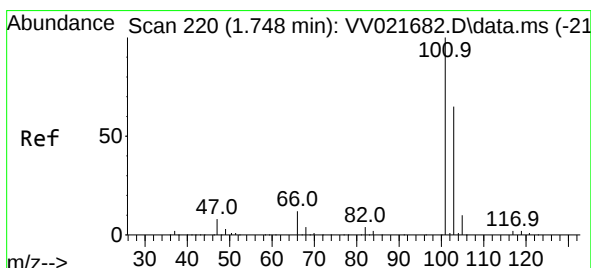
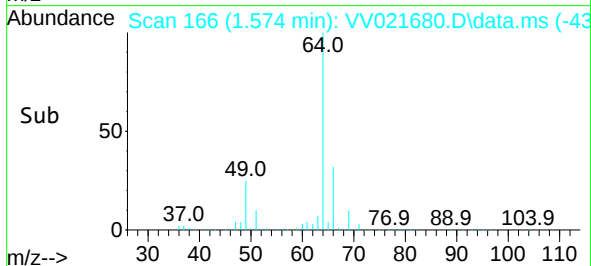
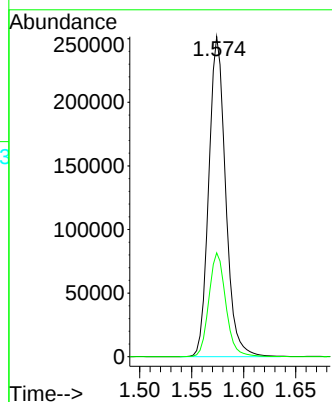
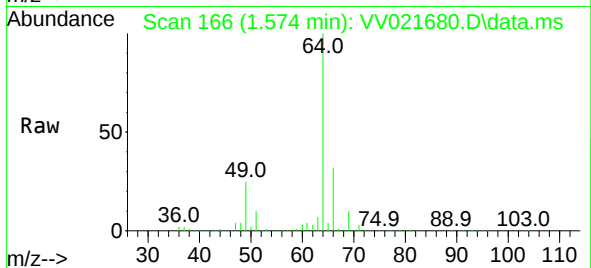




#8
Chloroethane
Concen: 133.222 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

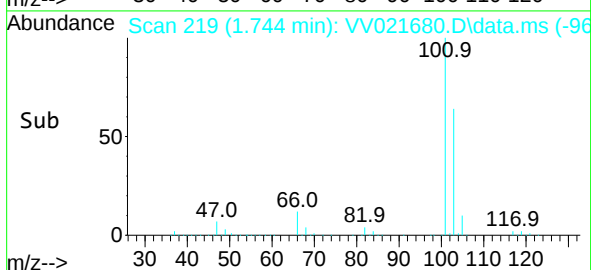
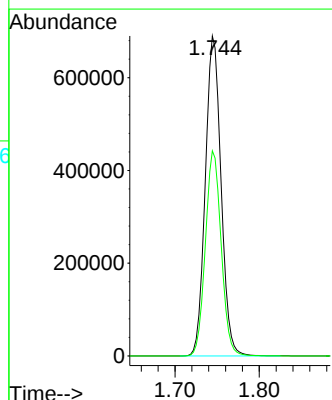
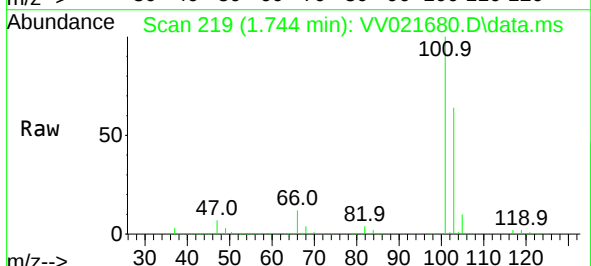
Instrument :
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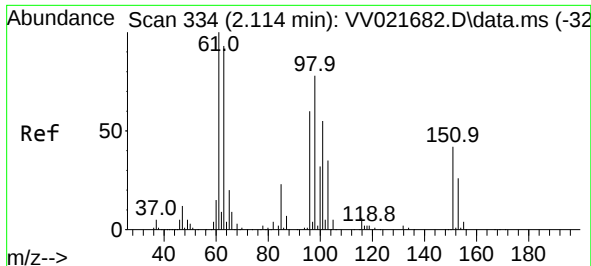
Tgt Ion: 64 Resp: 283196
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 188.917 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion:101 Resp: 900453
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 188.521 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

Tgt Ion:101 Resp: 508790

Ion Ratio Lower Upper

101 100

85 41.7 33.6 50.4

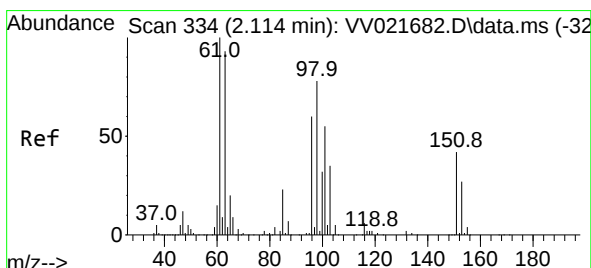
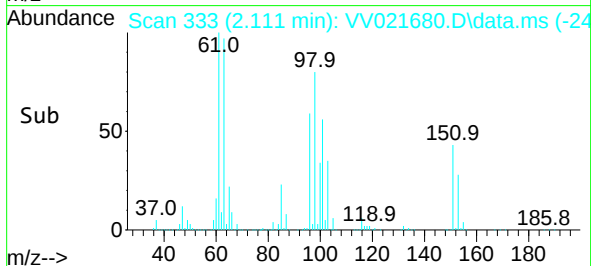
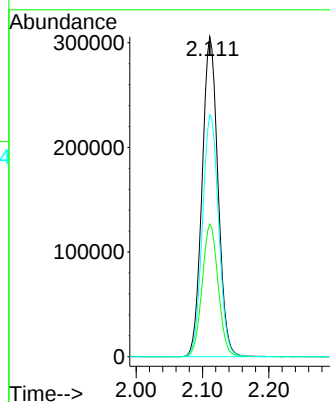
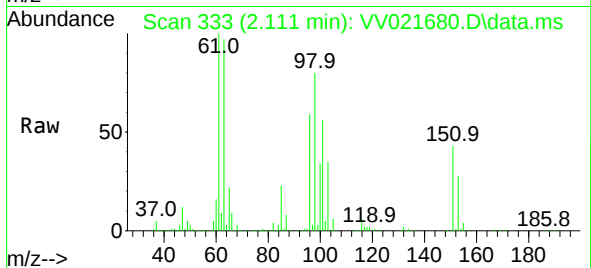
151 77.1 62.0 93.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229



#12

1,1-Dichloroethene

Concen: 180.658 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

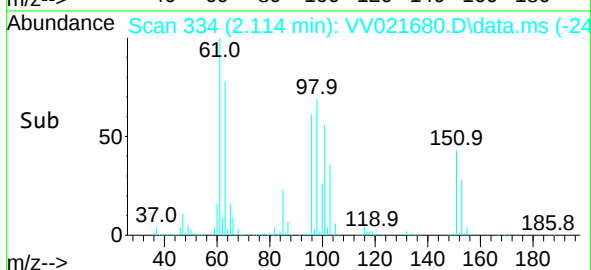
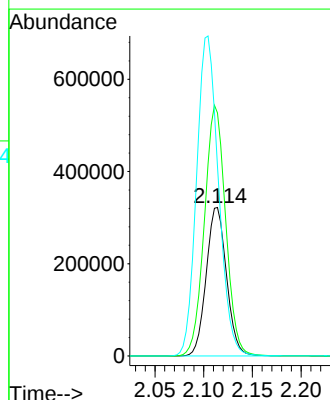
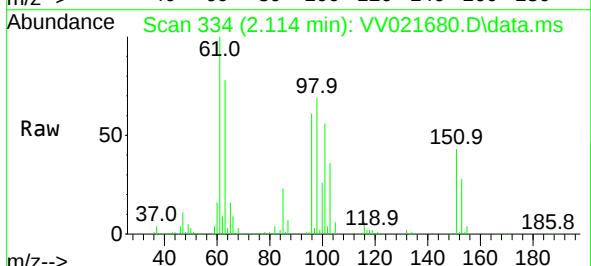
Tgt Ion: 96 Resp: 466926

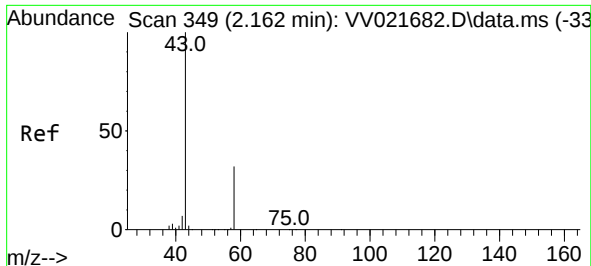
Ion Ratio Lower Upper

96 100

61 163.8 117.5 218.1

63 127.8 110.1 204.5

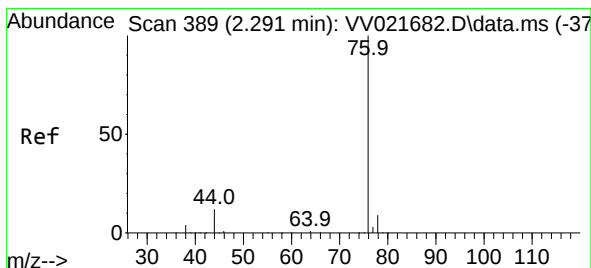
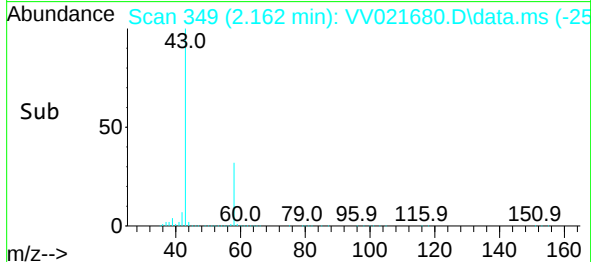
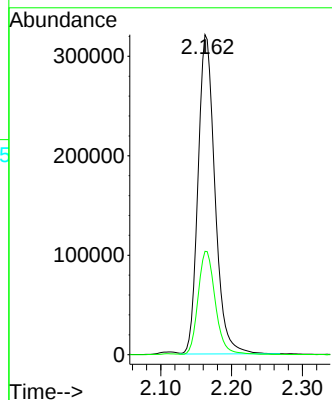
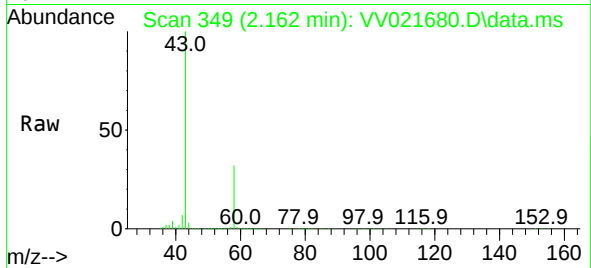




#13
Acetone
Concen: 275.356 ug/L
RT: 2.162 min Scan# 349
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

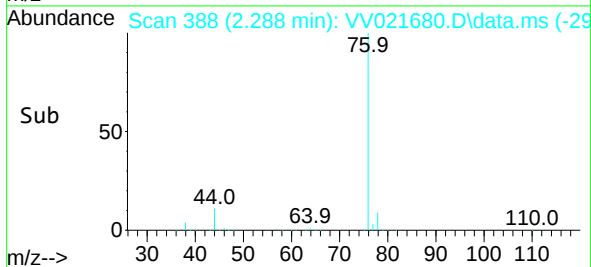
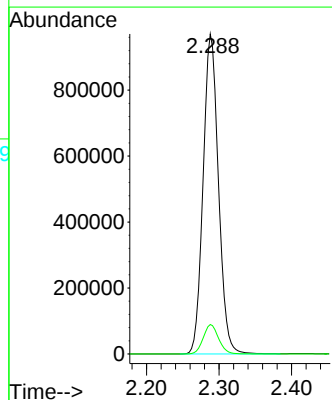
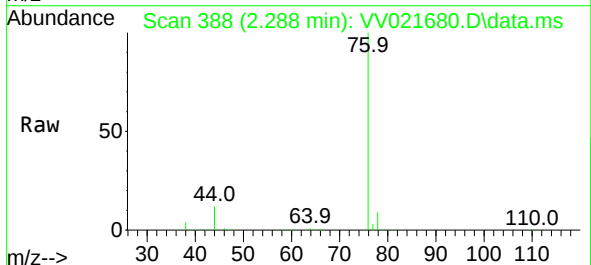
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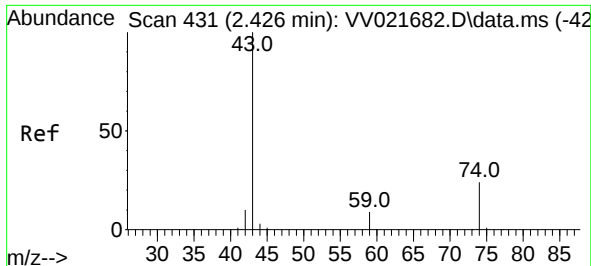
Tgt Ion: 43 Resp: 531449
Ion Ratio Lower Upper
43 100
58 32.7 0.0 64.6



#14
Carbon disulfide
Concen: 159.786 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 76 Resp: 1425562
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

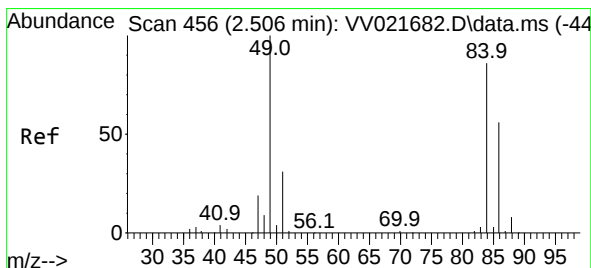
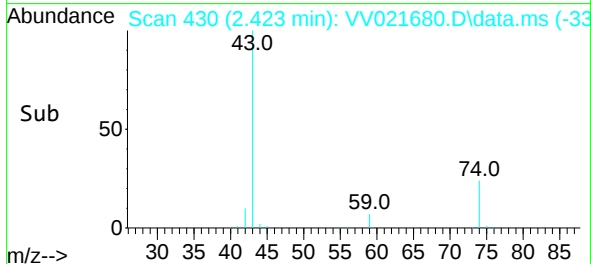
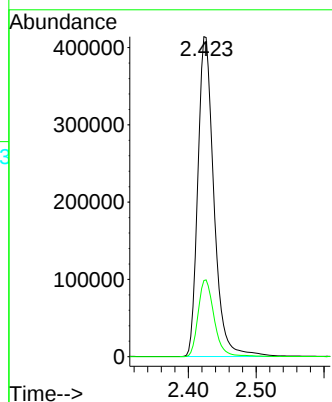
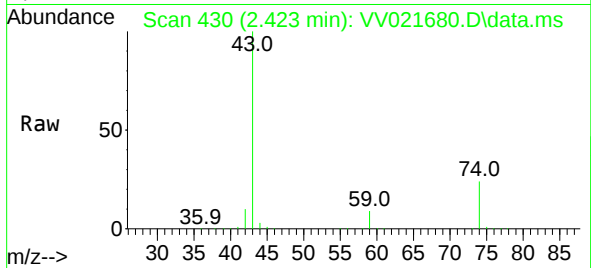




#15
Methyl Acetate
Concen: 180.461 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

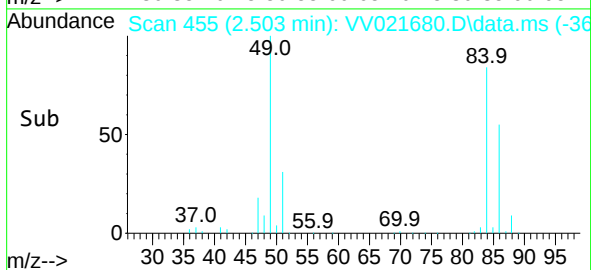
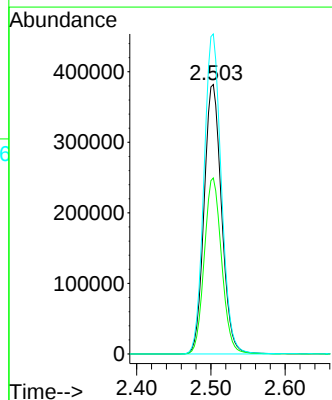
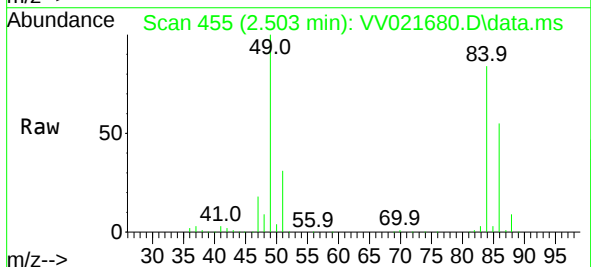
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

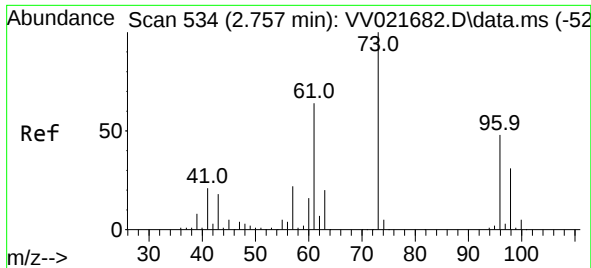
Tgt Ion: 43 Resp: 680991
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 175.797 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 84 Resp: 623385
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.9
49 118.8 81.1 150.7

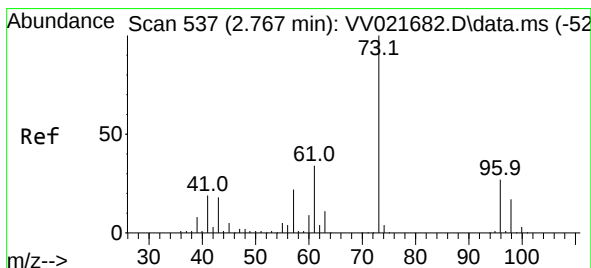
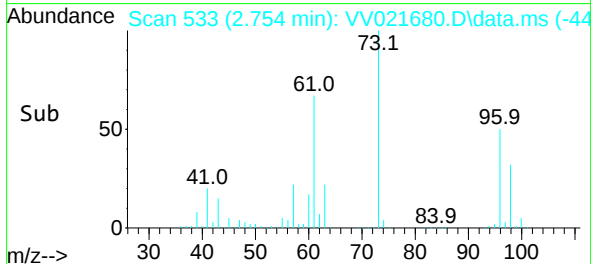
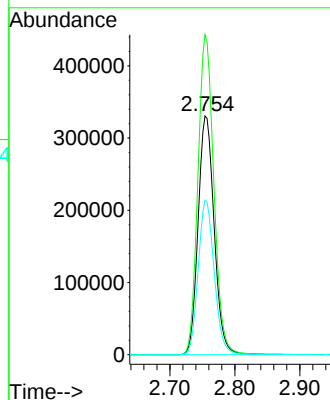
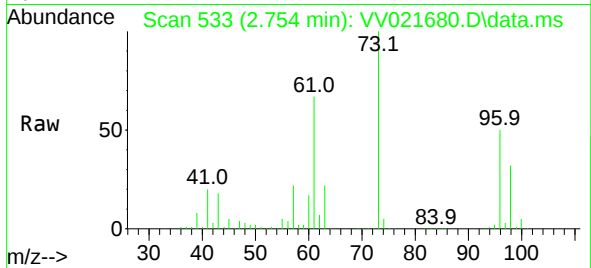




#17
trans-1,2-Dichloroethene
Concen: 180.838 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

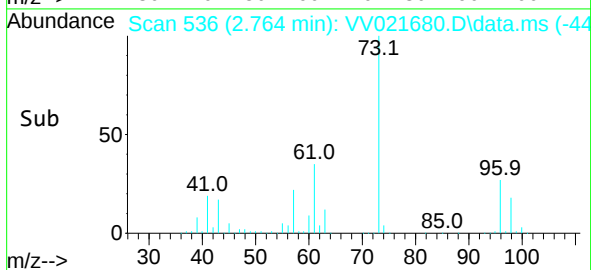
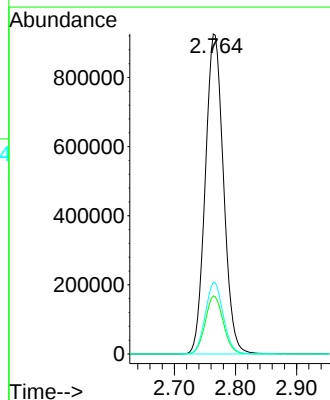
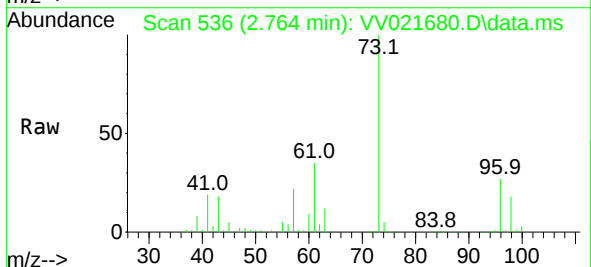
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

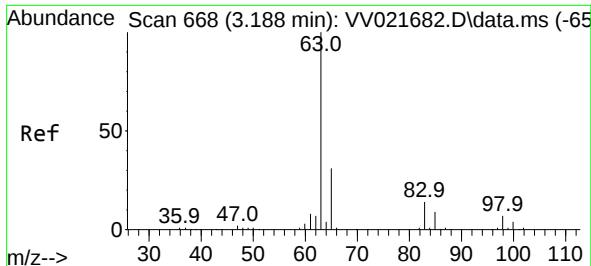
Tgt Ion: 96 Resp: 570230
Ion Ratio Lower Upper
96 100
61 134.0 93.7 174.1
98 64.7 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 185.634 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 73 Resp: 1912665
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 22.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 184.934 ug/L

RT: 3.185 min Scan# 667

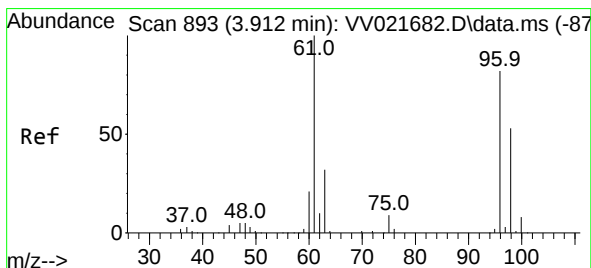
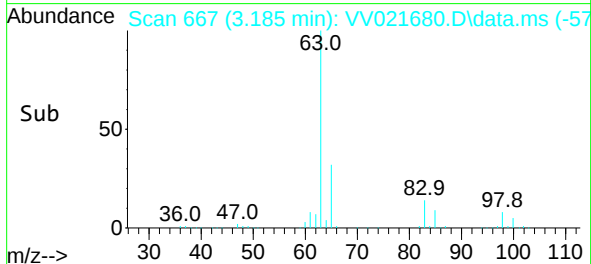
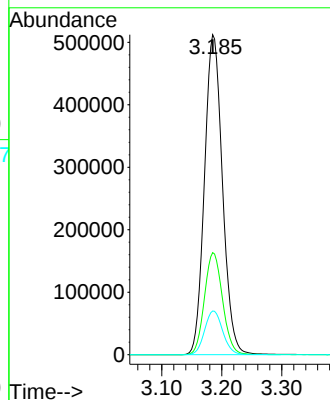
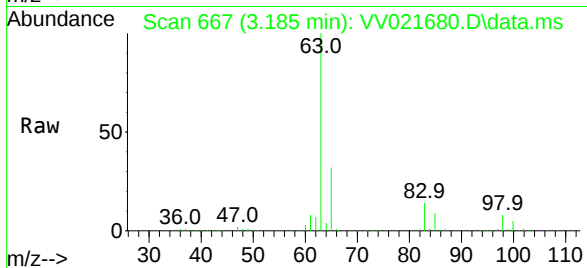
Delta R.T. -0.003 min

Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

Tgt Ion: 63 Resp: 1069613

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.0	40.8
83	13.6	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 187.884 ug/L

RT: 3.905 min Scan# 891

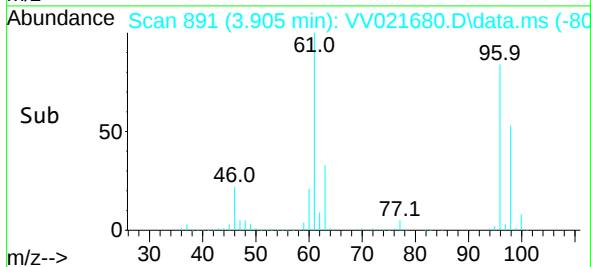
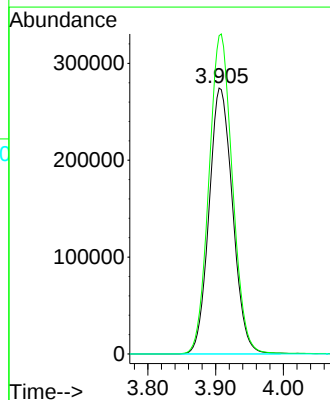
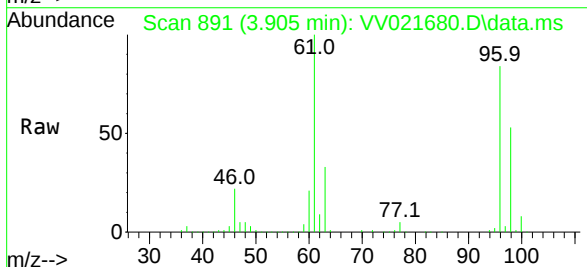
Delta R.T. -0.006 min

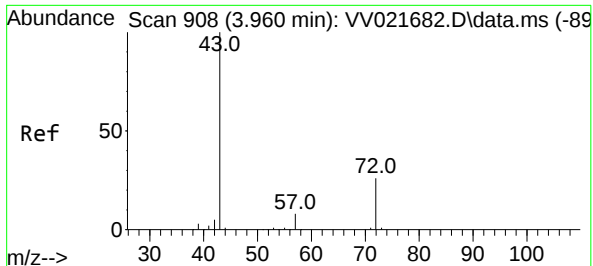
Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

Tgt Ion: 96 Resp: 663654

Ion	Ratio	Lower	Upper
96	100		
61	119.7	85.3	158.3
68	0.0	0.0	0.0

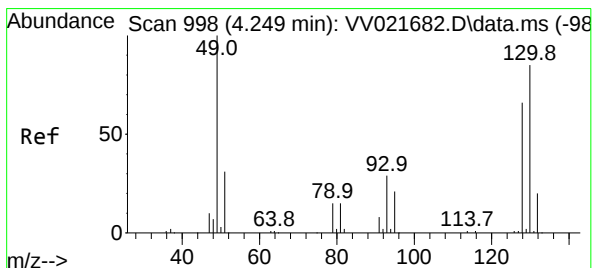
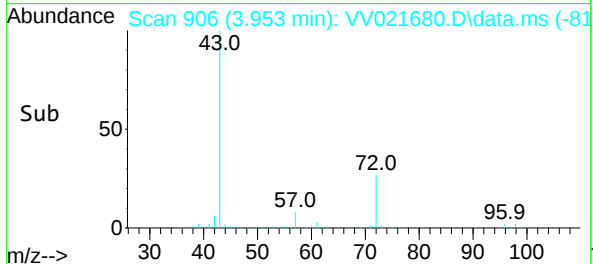
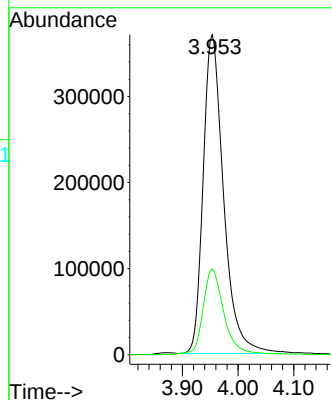
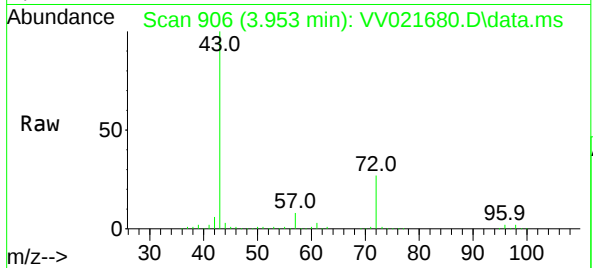




#22
2-Butanone
Concen: 343.091 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.006 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

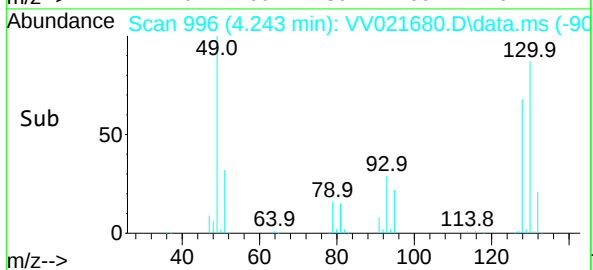
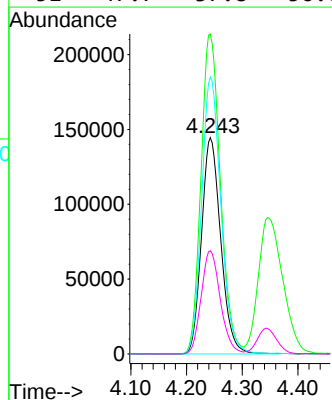
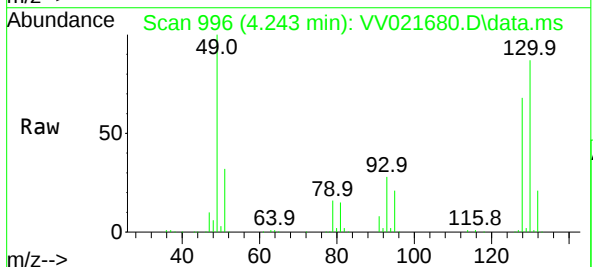
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

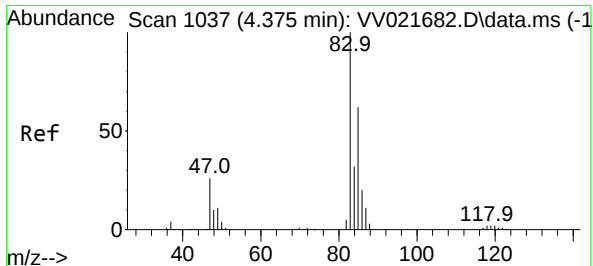
Tgt Ion: 43 Resp: 946061
Ion Ratio Lower Upper
43 100
72 27.3 13.2 39.5



#23
Bromochloromethane
Concen: 185.952 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 128 Resp: 346394
Ion Ratio Lower Upper
128 100
49 147.9 106.8 198.4
130 128.0 90.6 168.2
51 47.7 37.8 56.6





#25

Chloroform

Concen: 185.843 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

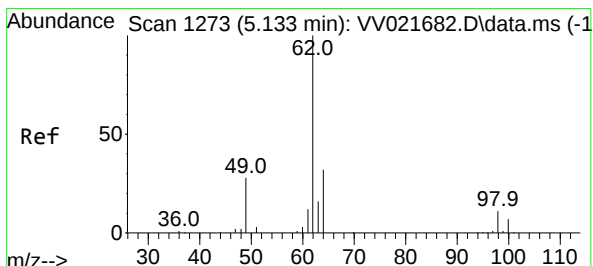
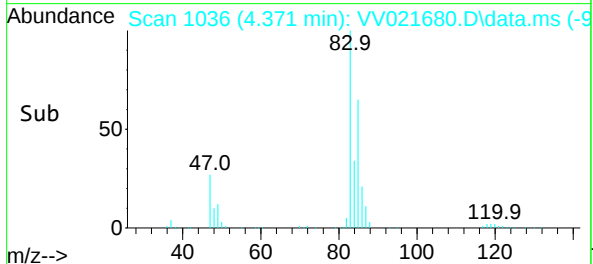
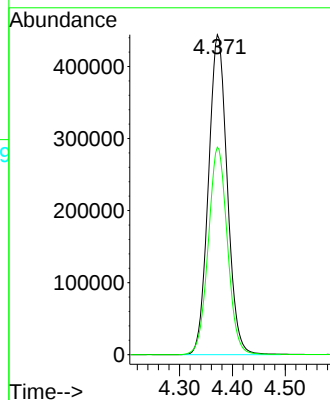
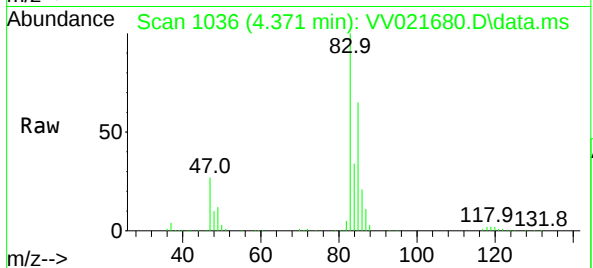
Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

Tgt Ion: 83 Resp: 1097494

Ion	Ratio	Lower	Upper
83	100		
85	64.9	43.8	81.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD200229



#27

1,2-Dichloroethane

Concen: 184.381 ug/L

RT: 5.127 min Scan# 1271

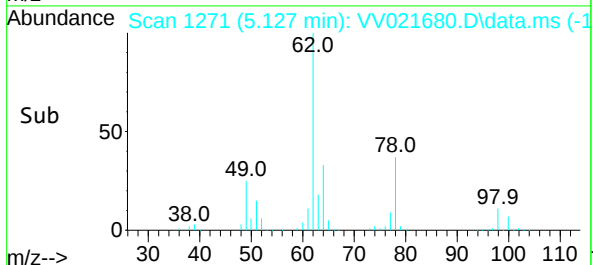
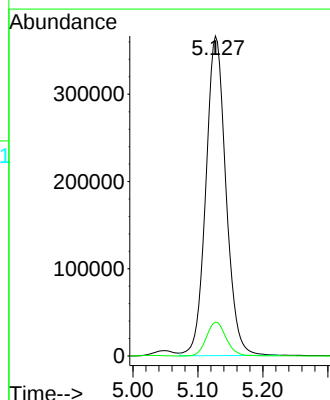
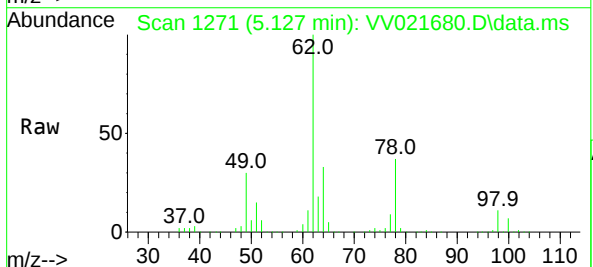
Delta R.T. -0.006 min

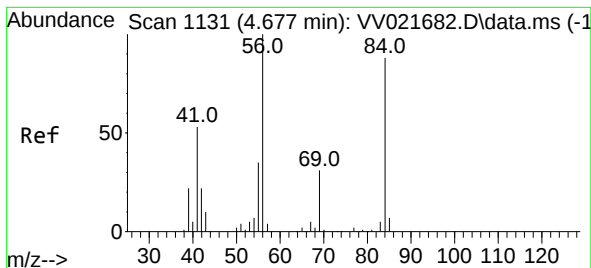
Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

Tgt Ion: 62 Resp: 787925

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.7	13.1

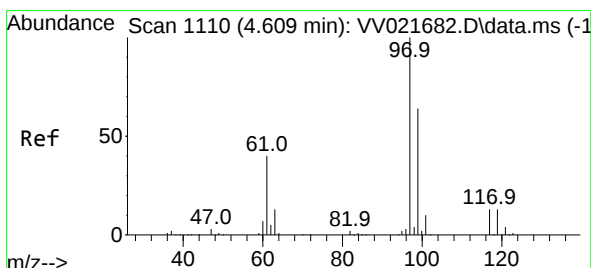
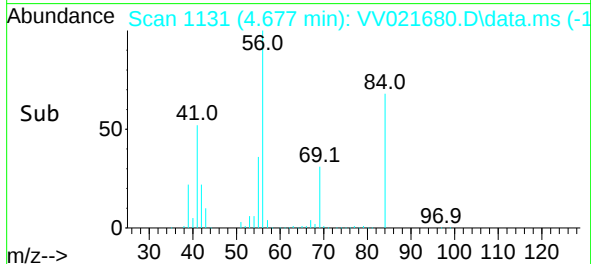
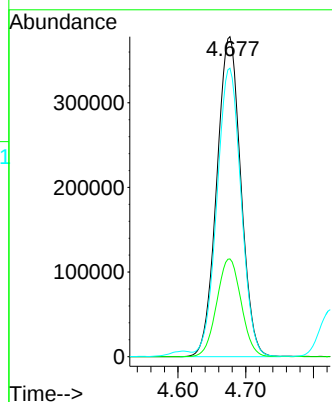
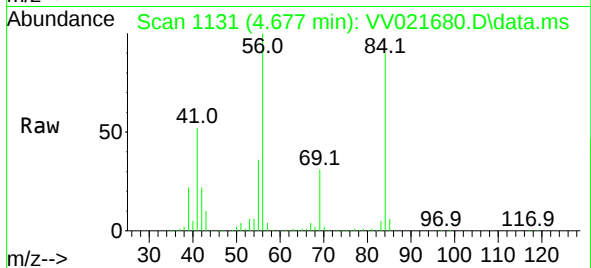




#29
Cyclohexane
Concen: 175.474 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

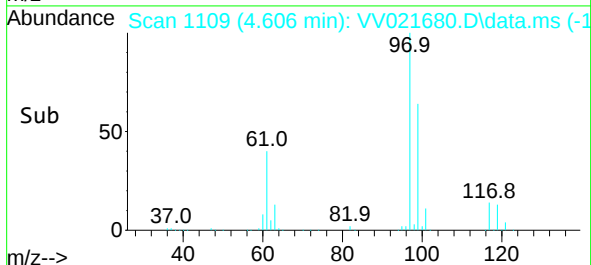
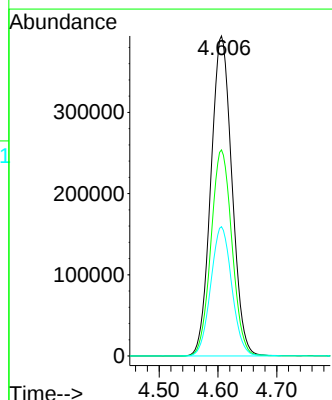
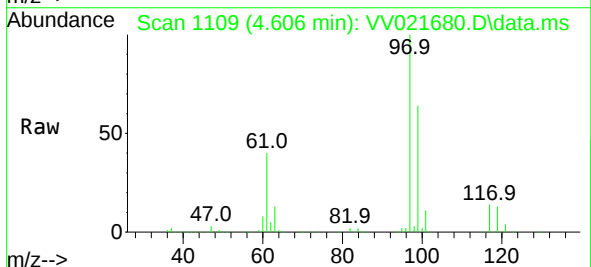
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

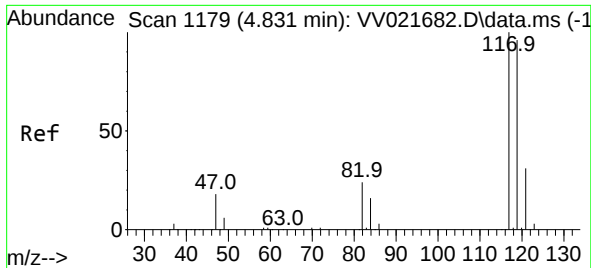
Tgt Ion: 56 Resp: 934141
Ion Ratio Lower Upper
56 100
69 31.0 24.5 36.7
84 90.3 71.4 107.0



#30
1,1,1-Trichloroethane
Concen: 182.878 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 97 Resp: 980195
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 40.5 32.6 49.0

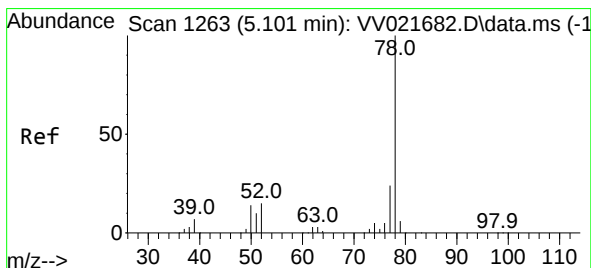
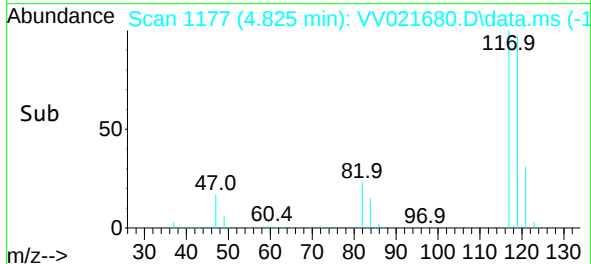
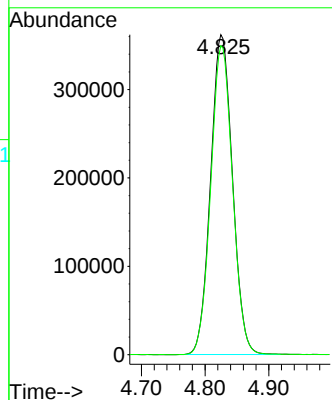
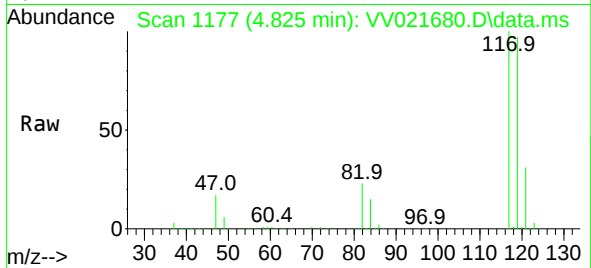




#31
Carbon tetrachloride
Concen: 184.448 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

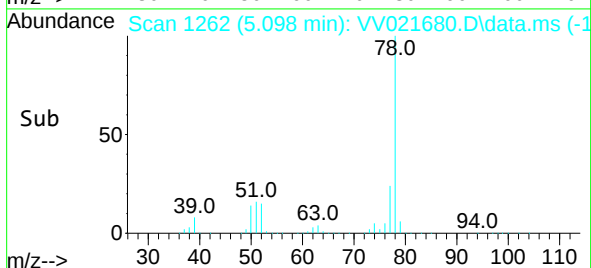
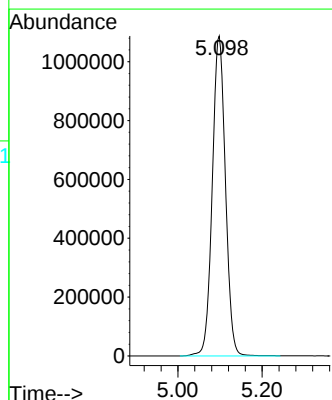
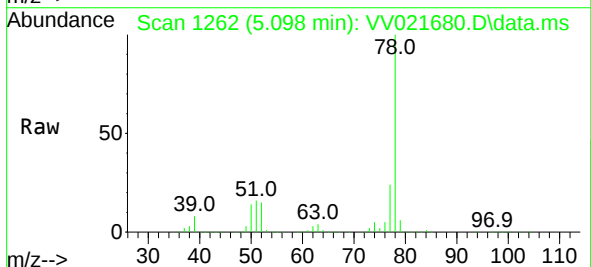
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

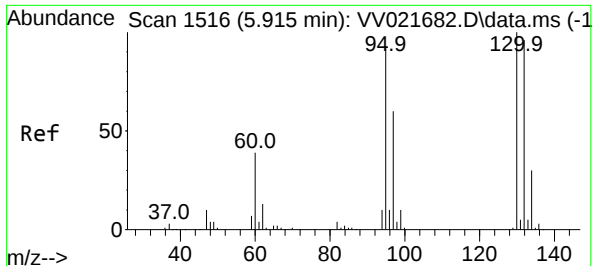
Tgt Ion:117 Resp: 864532
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5



#33
Benzene
Concen: 181.253 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 78 Resp: 2352879





#34

Trichloroethene

Concen: 181.075 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

Tgt Ion: 95 Resp: 634116

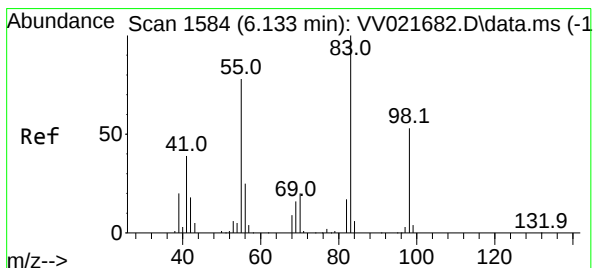
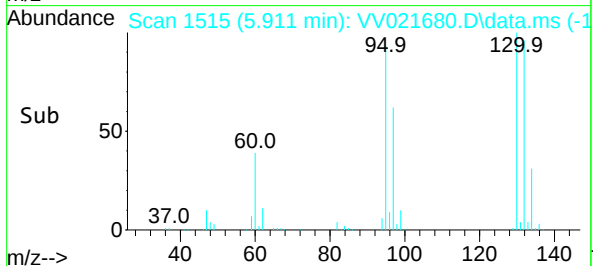
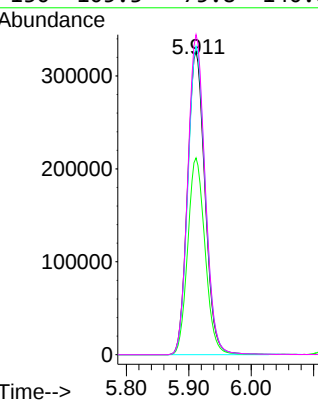
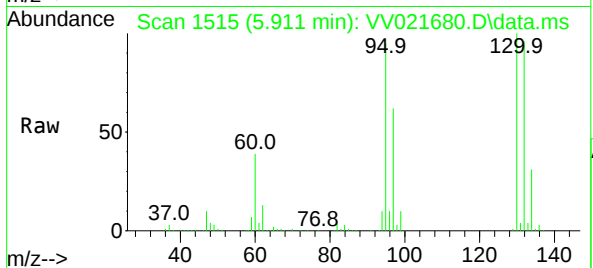
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.6

132 101.5 72.4 134.5

130 105.3 75.8 140.8



#35

Methylcyclohexane

Concen: 178.954 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021680.D

Acq: 19 Jul 2021 14:19

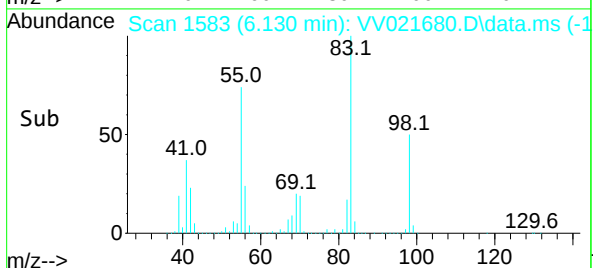
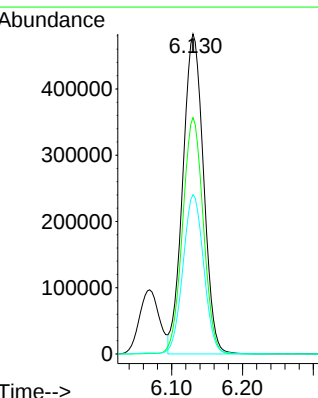
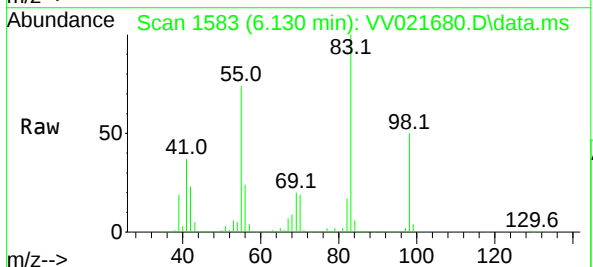
Tgt Ion: 83 Resp: 984430

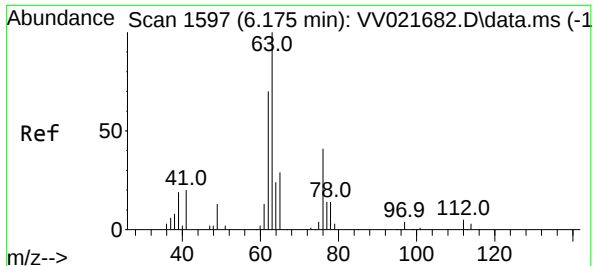
Ion Ratio Lower Upper

83 100

55 73.3 59.3 88.9

98 49.9 40.2 60.4

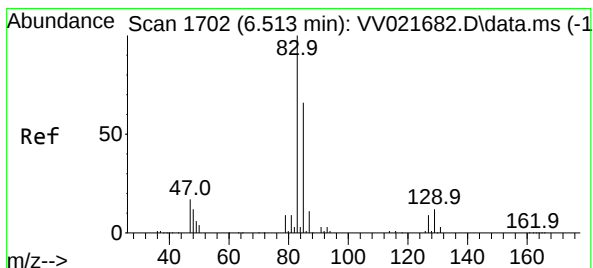
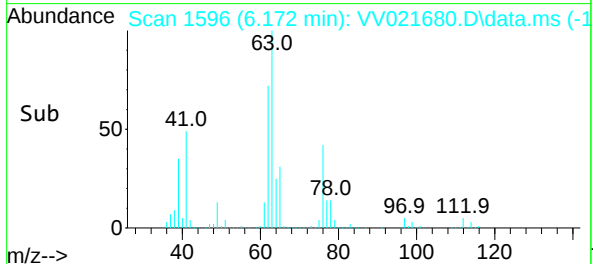
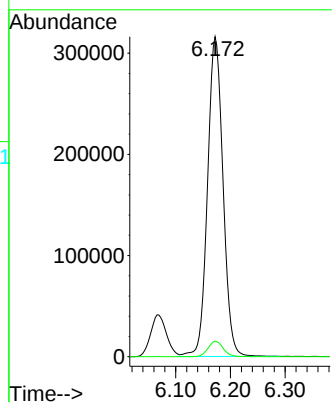
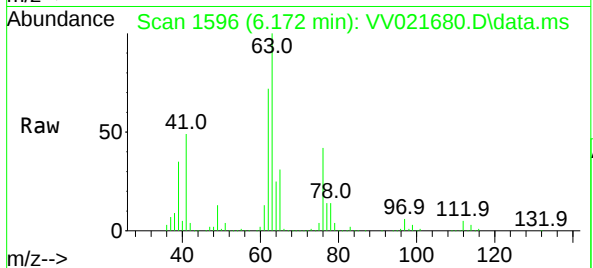




#37
1,2-Dichloropropane
Concen: 182.828 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

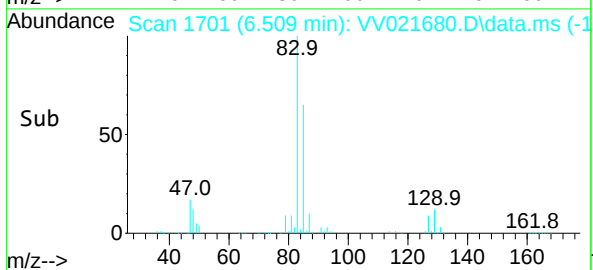
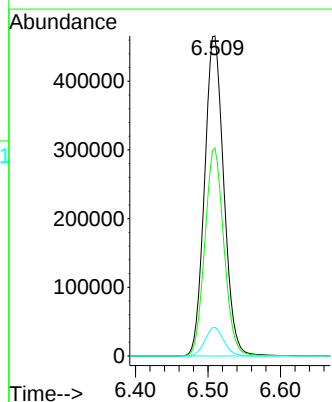
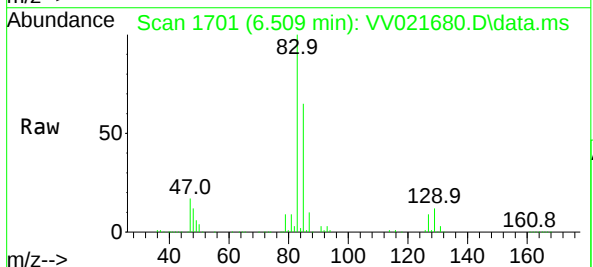
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

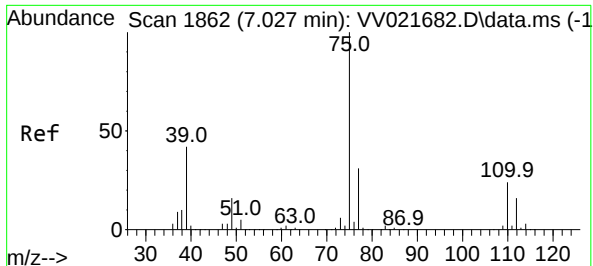
Tgt Ion: 63 Resp: 620743
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 188.323 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 83 Resp: 857347
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.5
127 9.0 7.4 11.0

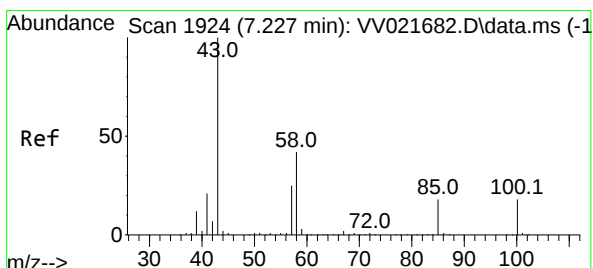
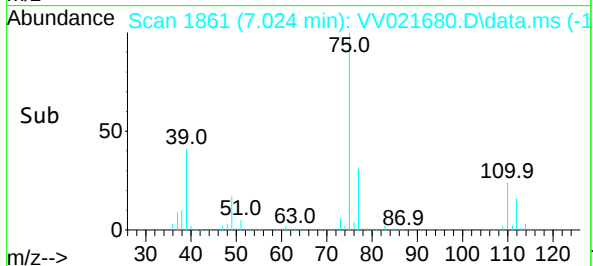
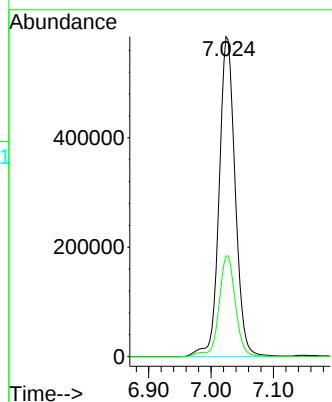
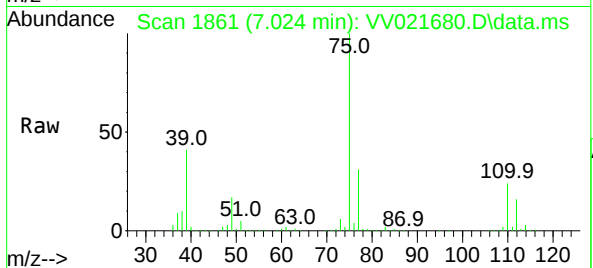




#39
 cis-1,3-Dichloropropene
 Concen: 188.256 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV021680.D
 Acq: 19 Jul 2021 14:19

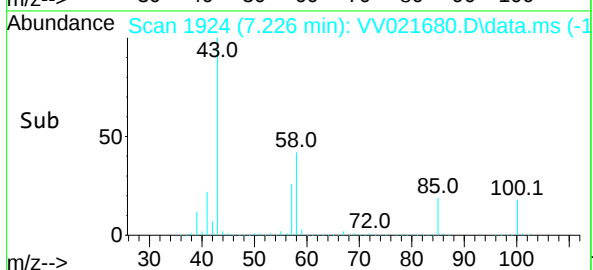
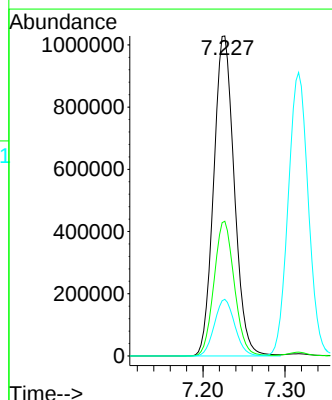
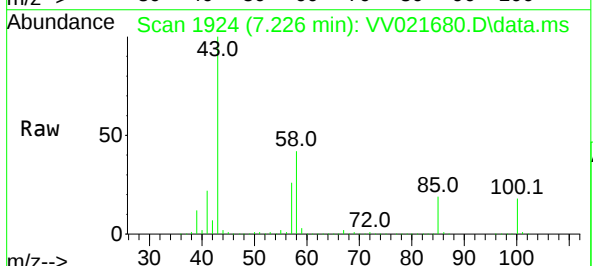
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200229

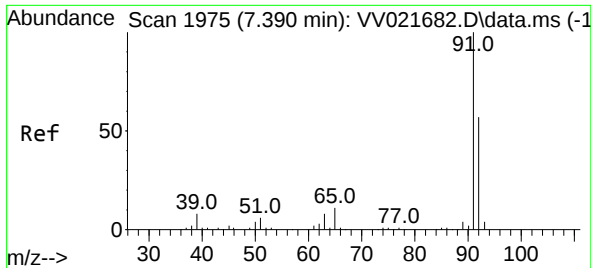
Tgt Ion: 75 Resp: 1045165
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 362.514 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021680.D
 Acq: 19 Jul 2021 14:19

Tgt Ion: 43 Resp: 1794734
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.1 49.7
 100 17.6 13.8 20.8

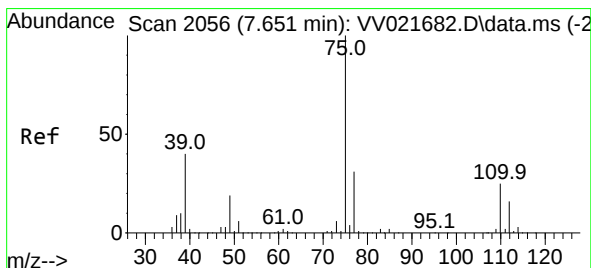
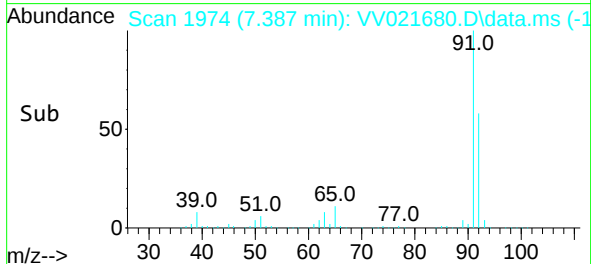
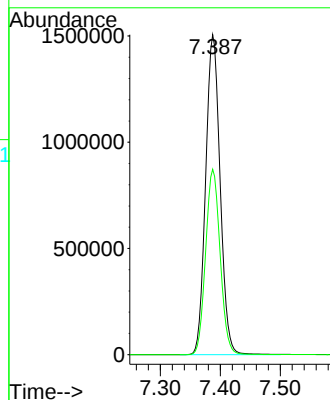
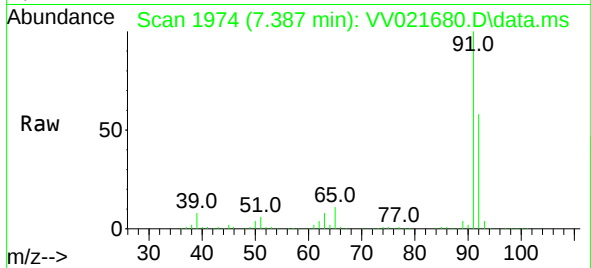




#42
Toluene
Concen: 182.387 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

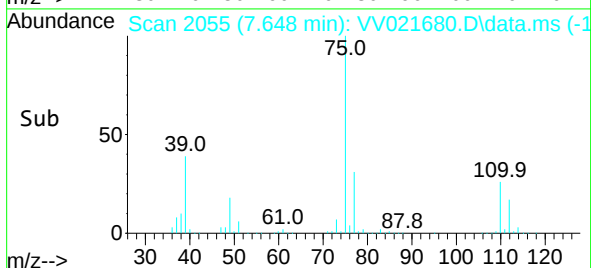
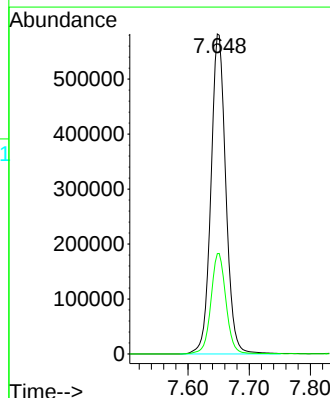
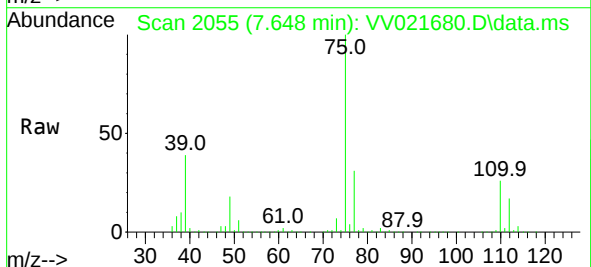
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

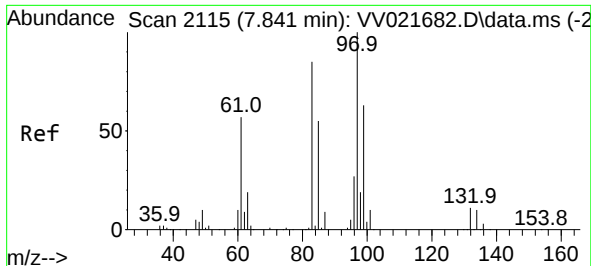
Tgt Ion: 91 Resp: 2533392
Ion Ratio Lower Upper
91 100
92 58.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 190.065 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 75 Resp: 984803
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4





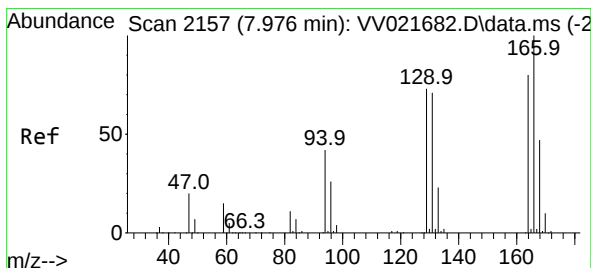
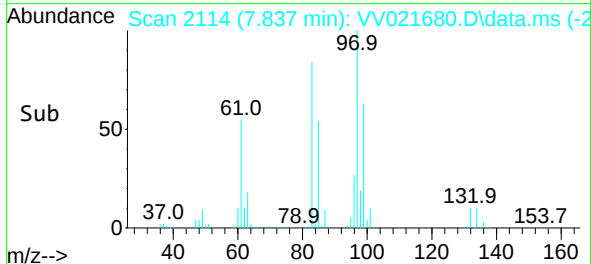
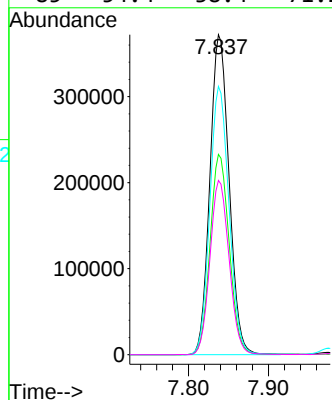
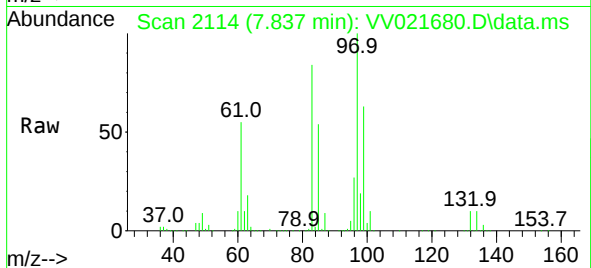
#45

1,1,2-Trichloroethane
Concen: 186.574 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

Tgt Ion: 97 Resp: 620229

Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.0	81.8
83	83.8	59.1	109.9
85	54.4	38.4	71.2

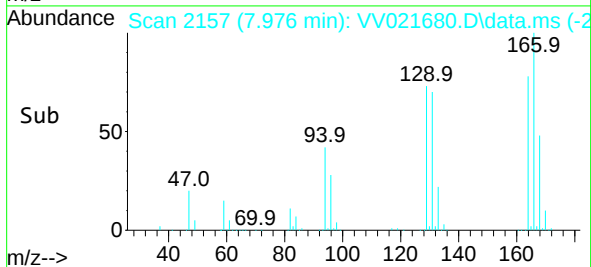
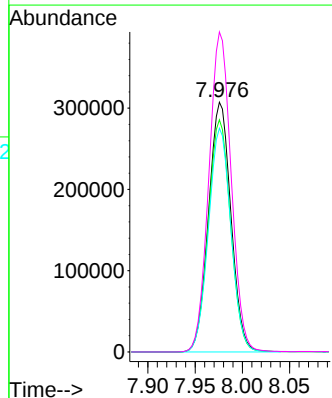
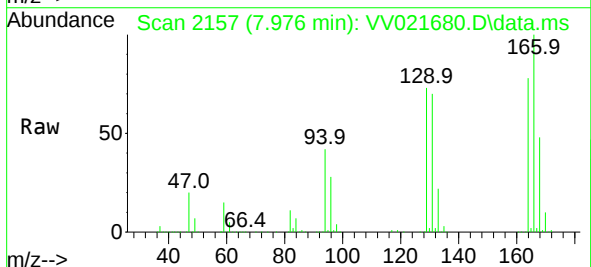


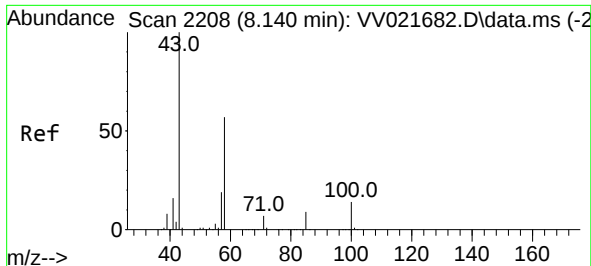
#46

Tetrachloroethene
Concen: 182.577 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 164 Resp: 507032

Ion	Ratio	Lower	Upper
164	100		
129	93.0	63.8	118.6
131	89.5	62.1	115.3
166	128.1	87.9	163.3



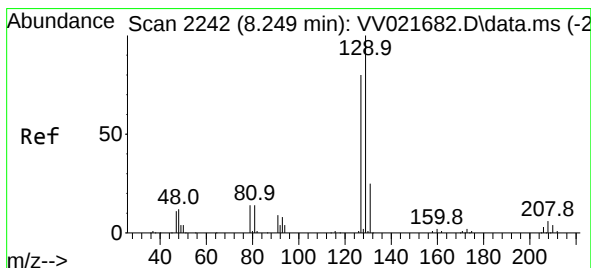
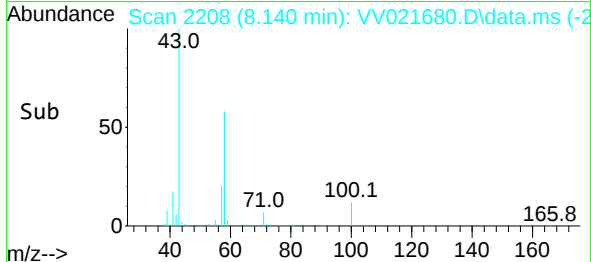
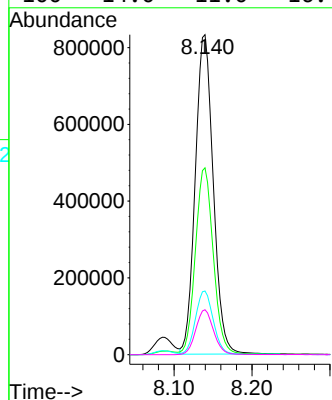
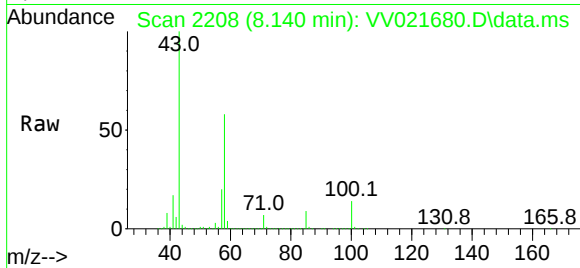


#48
2-Hexanone
Concen: 342.478 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

Tgt Ion: 43 Resp: 1334284

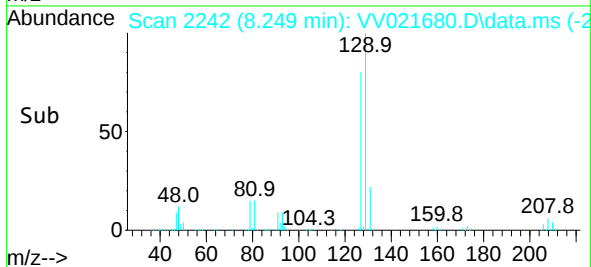
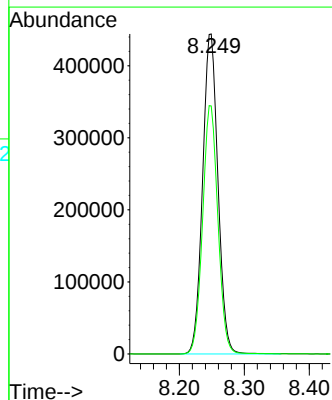
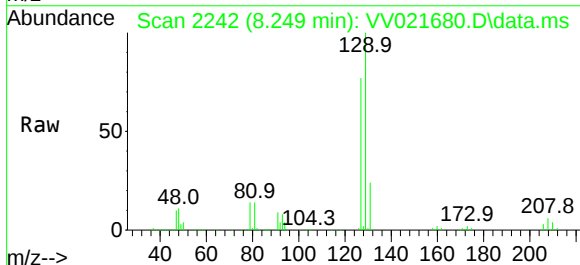
Ion	Ratio	Lower	Upper
43	100		
58	58.2	46.0	69.0
57	19.8	15.6	23.4
100	14.0	11.0	16.4

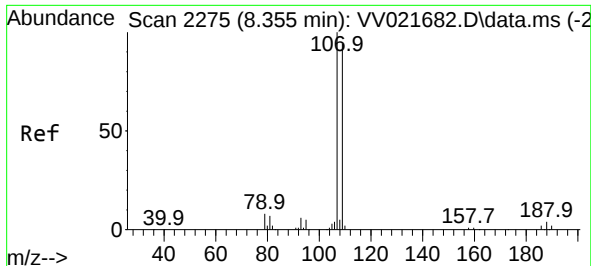


#49
Dibromochloromethane
Concen: 192.413 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 129 Resp: 731906

Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.6	103.4

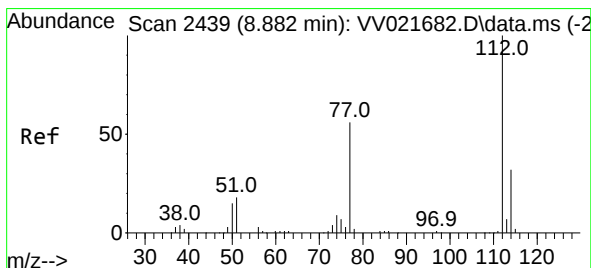
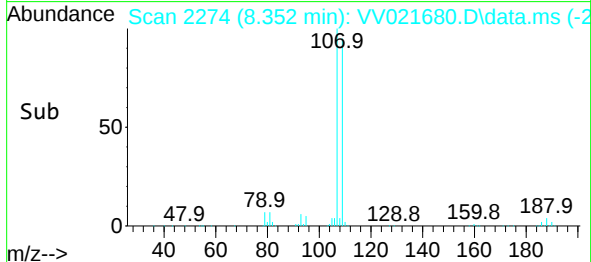
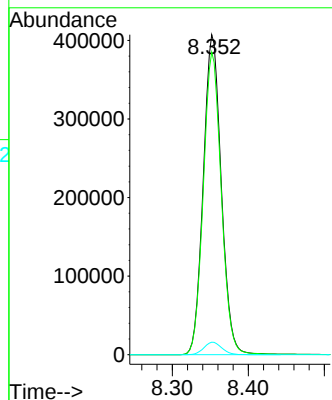
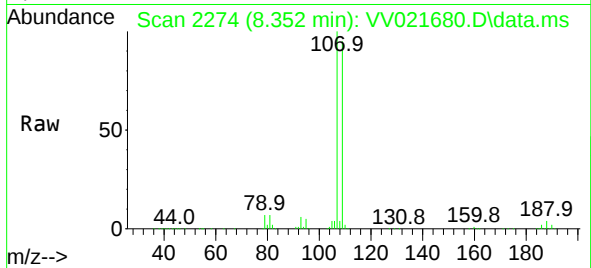




#50
1,2-Dibromoethane
Concen: 184.080 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

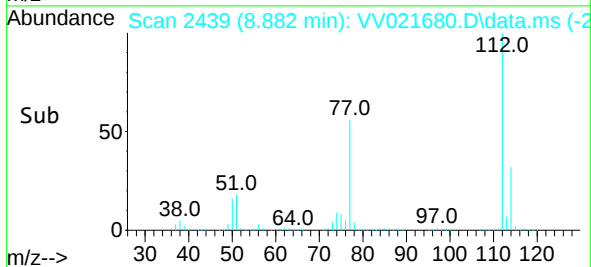
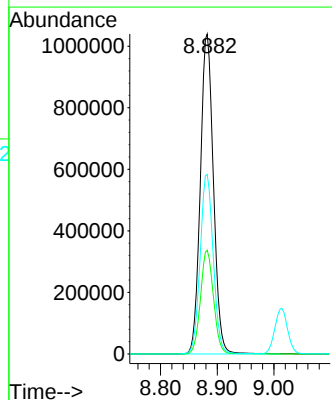
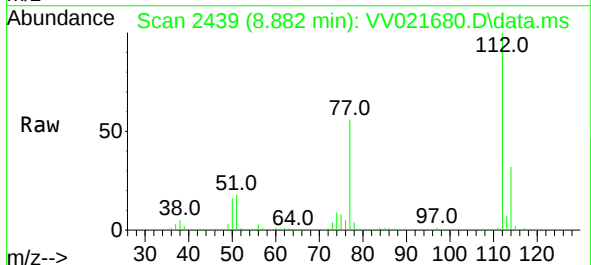
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

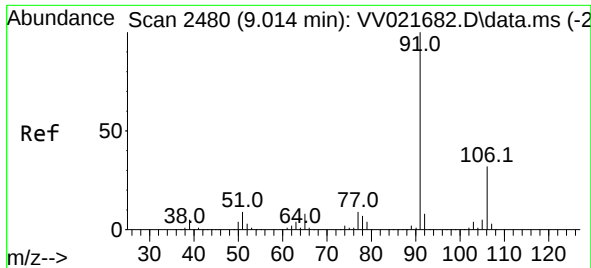
Tgt Ion:107 Resp: 667612
Ion Ratio Lower Upper
107 100
109 94.5 65.7 122.1
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 184.157 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion:112 Resp: 1666001
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 56.1 45.0 67.6

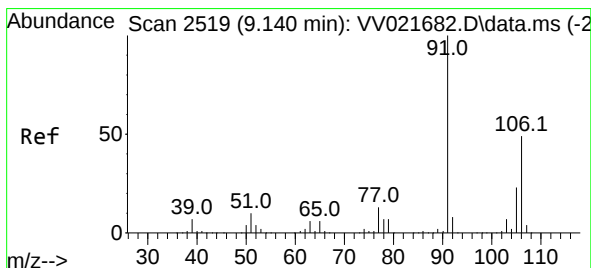
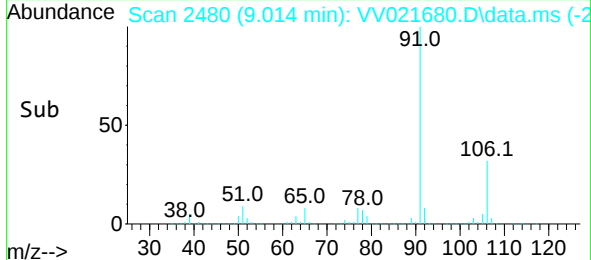
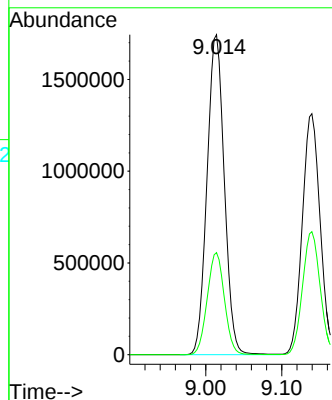
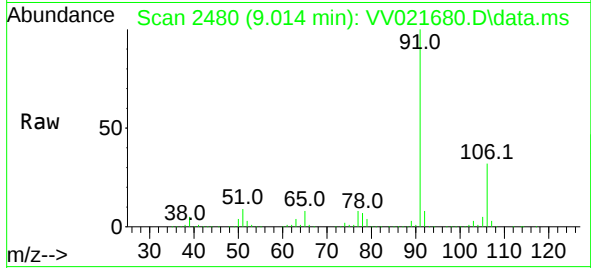




#52
Ethylbenzene
Concen: 182.443 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

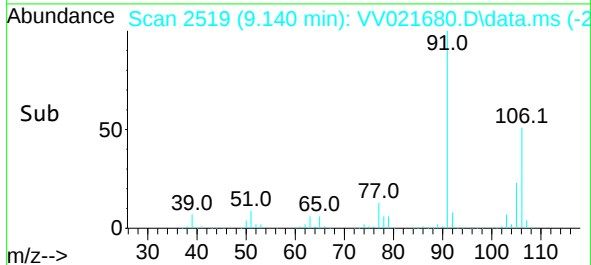
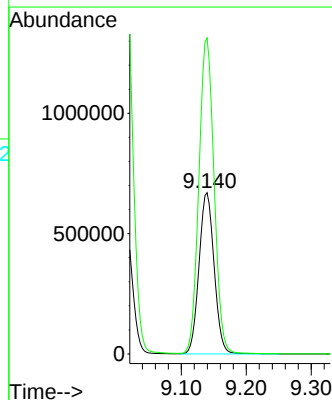
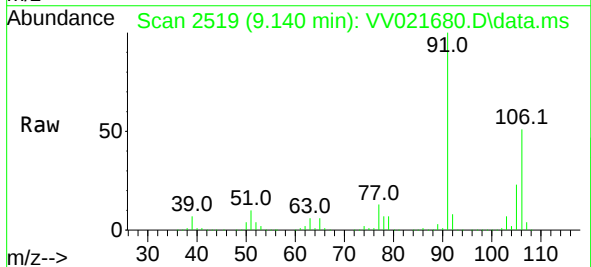
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

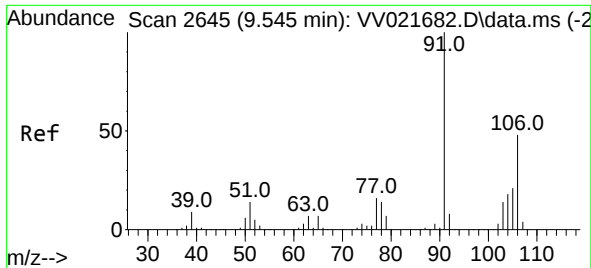
Tgt Ion: 91 Resp: 2749947
Ion Ratio Lower Upper
91 100
106 31.9 22.1 41.1



#53
m,p-Xylene
Concen: 187.312 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 106 Resp: 1083630
Ion Ratio Lower Upper
106 100
91 195.9 142.0 263.6

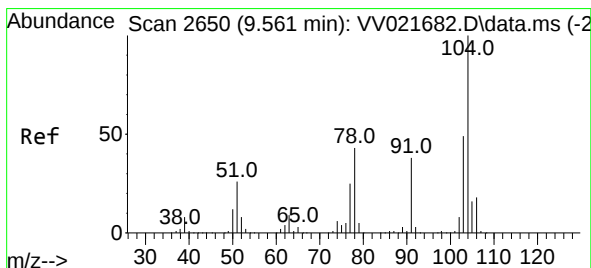
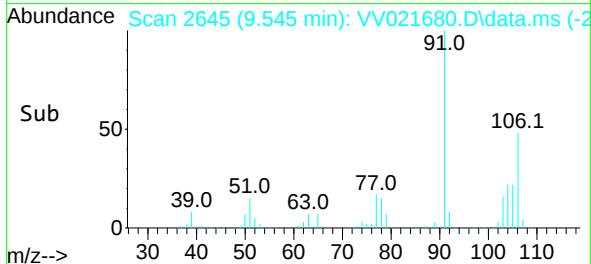
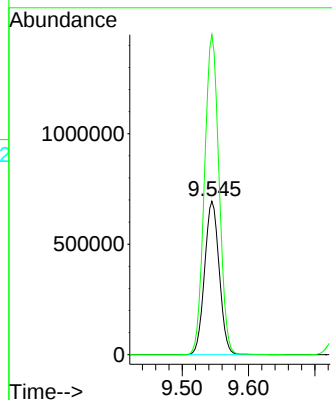
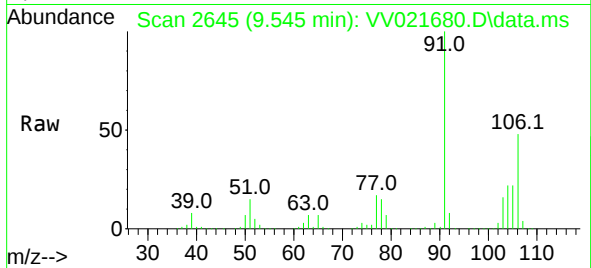




#54
o-Xylene
Concen: 184.147 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

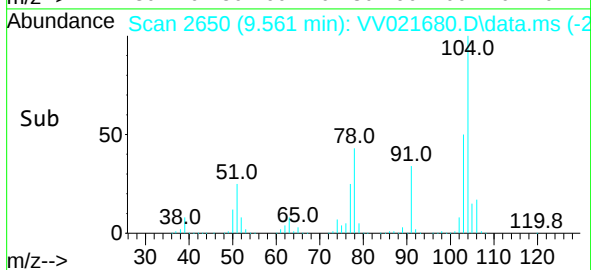
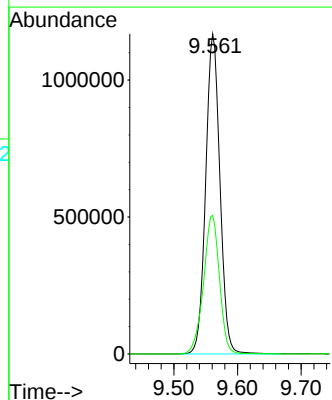
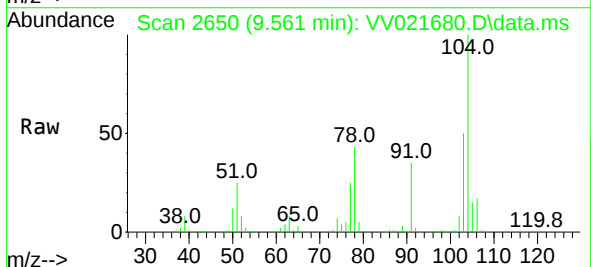
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

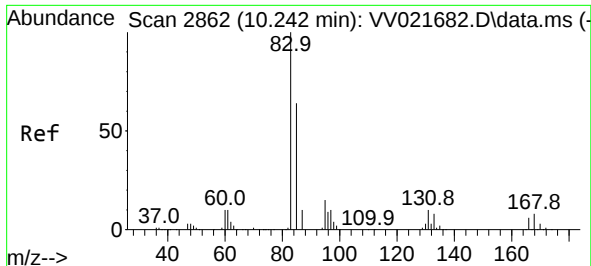
Tgt Ion:106 Resp: 1063397
Ion Ratio Lower Upper
106 100
91 208.6 146.8 272.6



#55
Styrene
Concen: 186.138 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion:104 Resp: 1819124
Ion Ratio Lower Upper
104 100
78 43.4 30.1 55.9

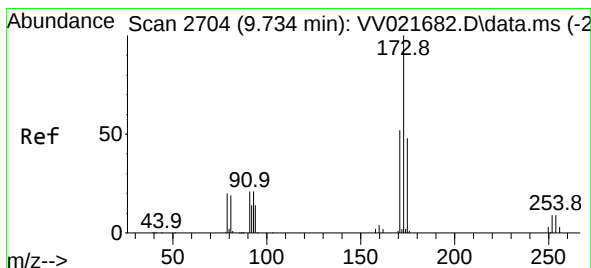
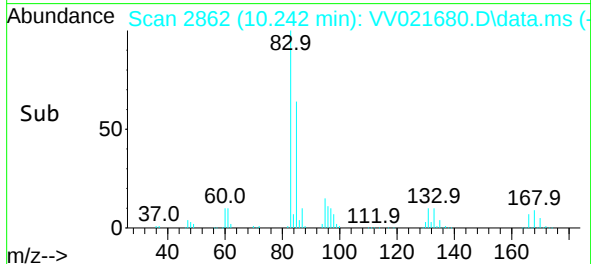
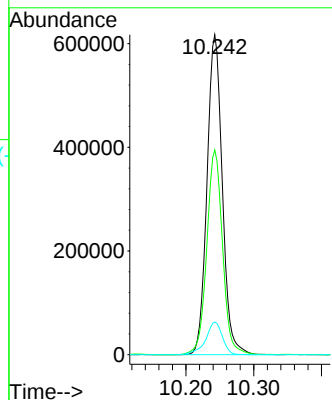
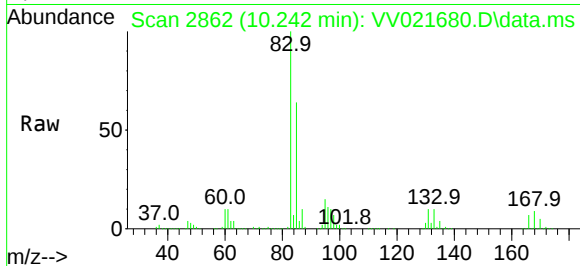




#57
1,1,2,2-Tetrachloroethane
Concen: 187.607 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

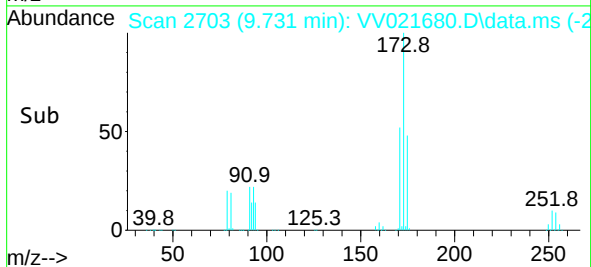
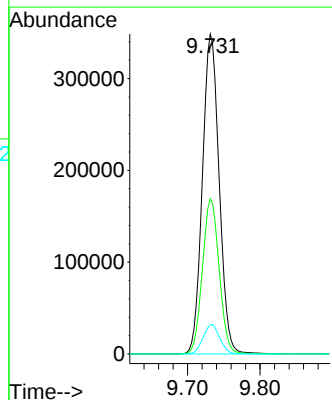
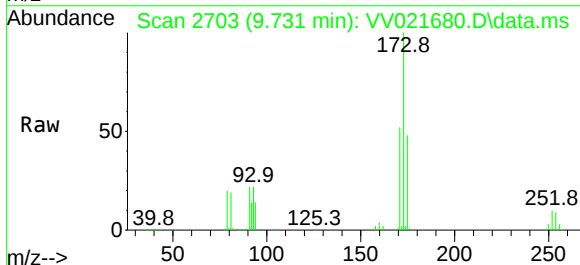
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

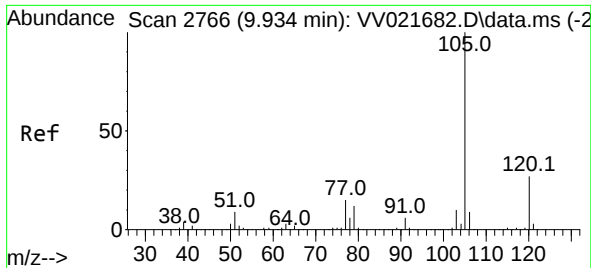
Tgt Ion: 83 Resp: 969599
Ion Ratio Lower Upper
83 100
85 64.0 45.3 84.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 190.735 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 173 Resp: 560566
Ion Ratio Lower Upper
173 100
175 48.3 38.3 57.5
254 9.1 7.0 10.4

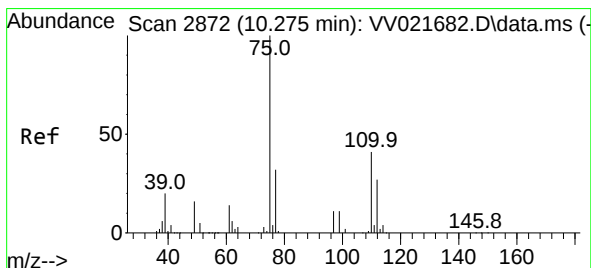
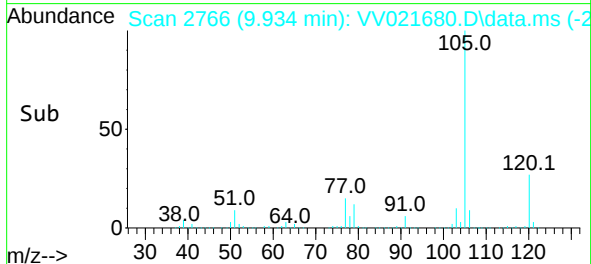
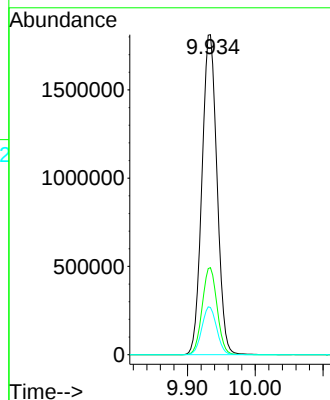
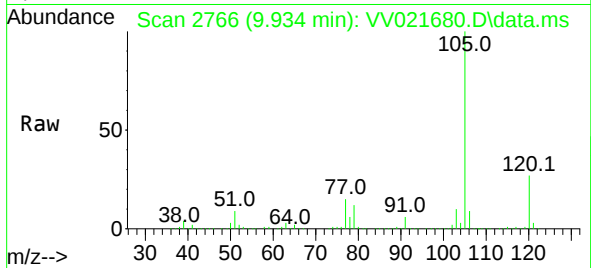




#60
Isopropylbenzene
Concen: 178.401 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

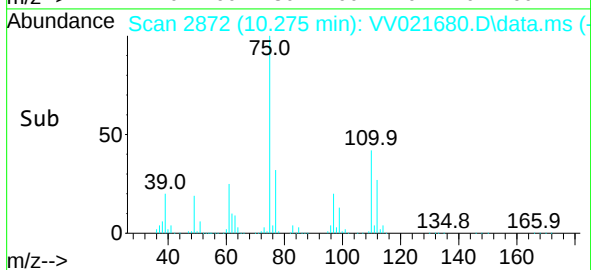
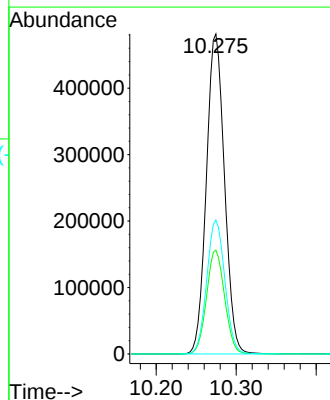
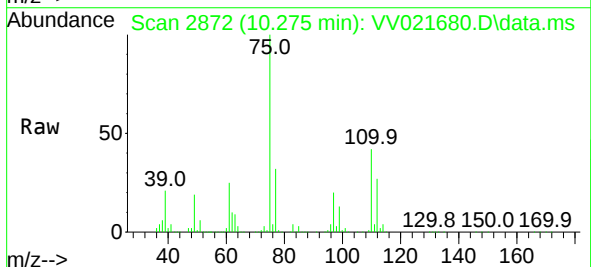
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

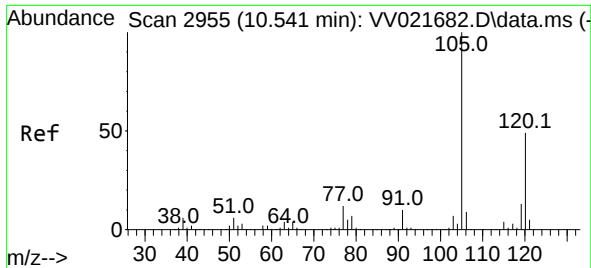
Tgt Ion:105 Resp: 2791987
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 170.650 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 75 Resp: 758519
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 41.9 32.9 49.3

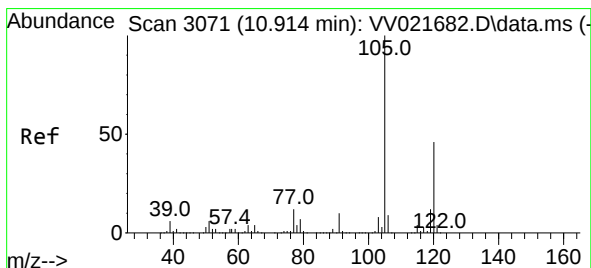
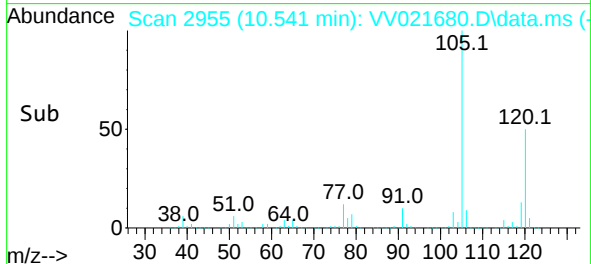
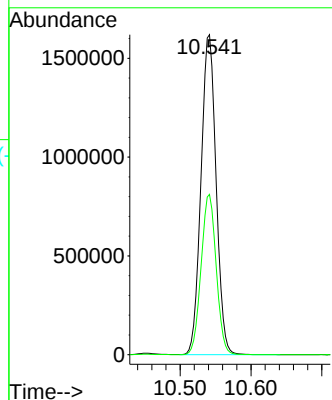
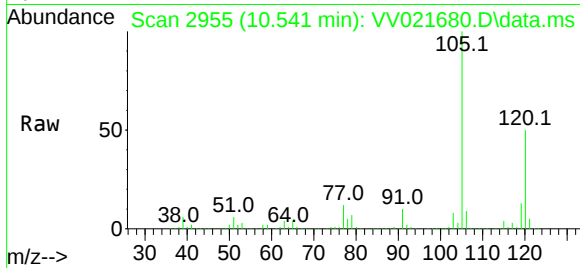




#62
1,3,5-Trimethylbenzene
Concen: 179.574 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

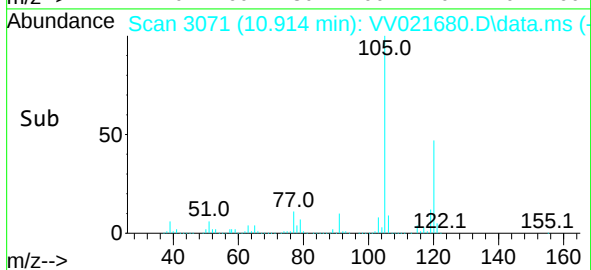
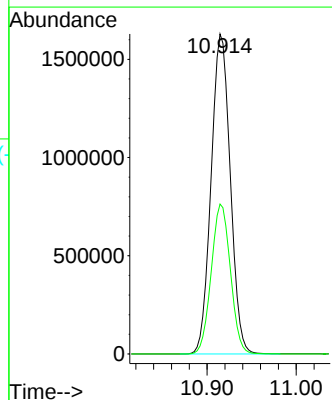
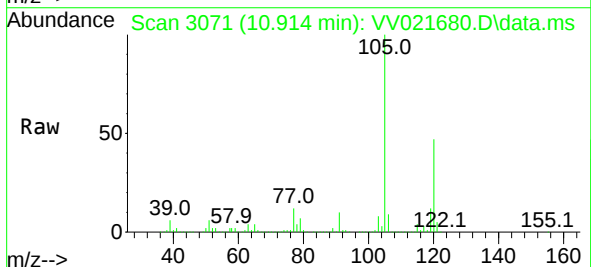
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

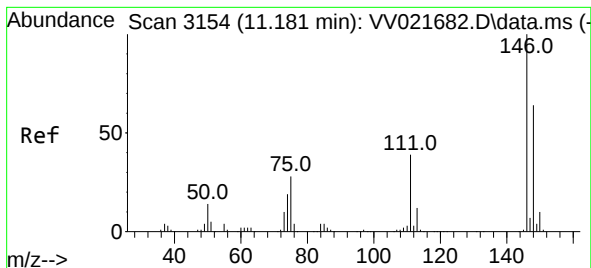
Tgt Ion:105 Resp: 2394150
Ion Ratio Lower Upper
105 100
120 50.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 180.221 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion:105 Resp: 2428015
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.4

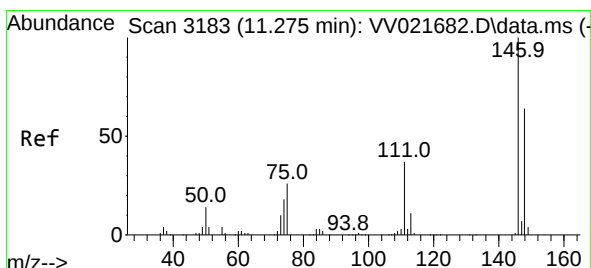
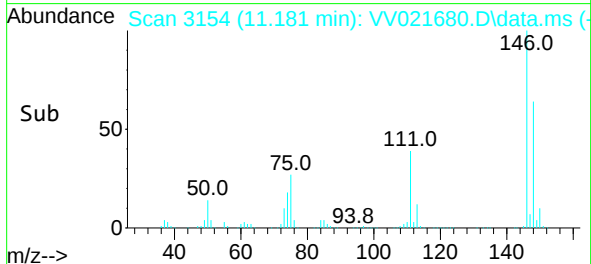
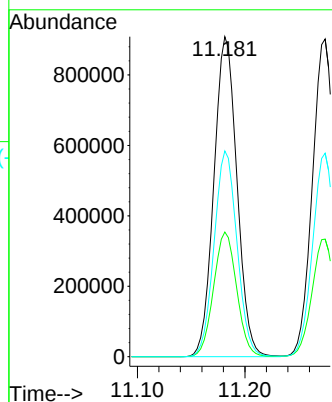
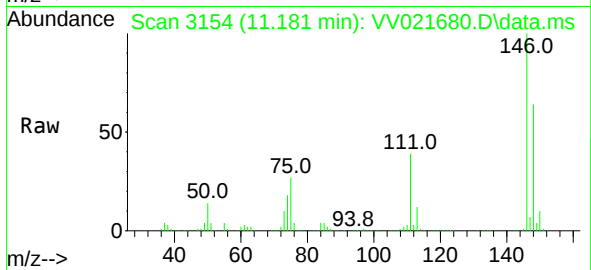




#64
1,3-Dichlorobenzene
Concen: 184.084 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

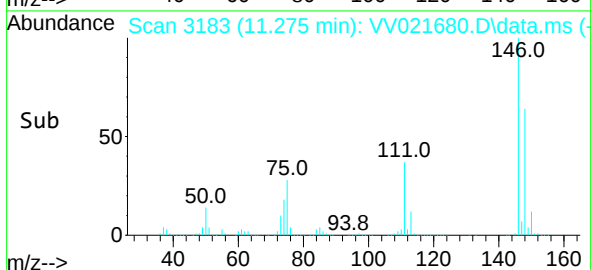
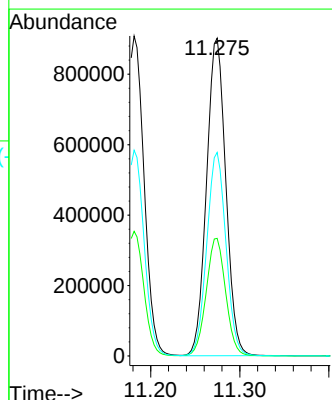
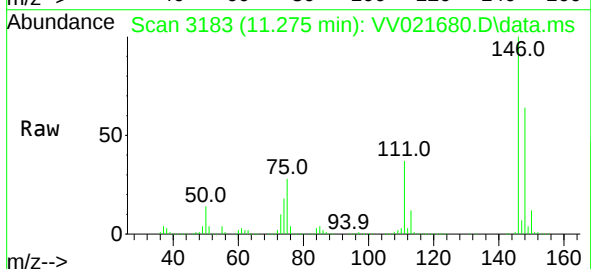
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

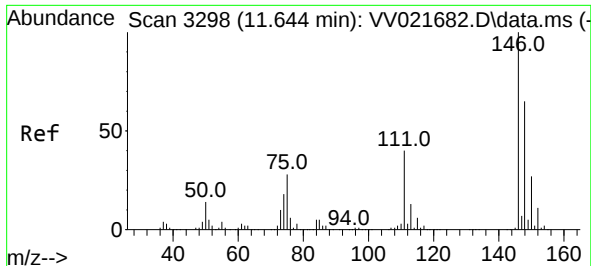
Tgt Ion:146 Resp: 1355503
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.6
148 64.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 183.562 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion:146 Resp: 1353853
Ion Ratio Lower Upper
146 100
111 37.0 26.1 48.5
148 64.0 44.8 83.2

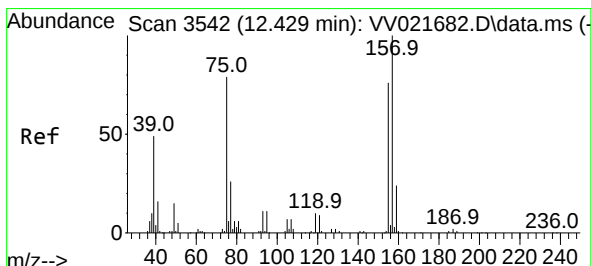
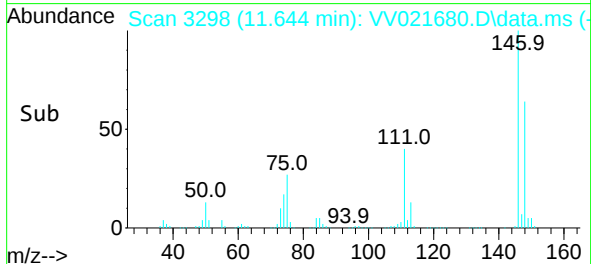
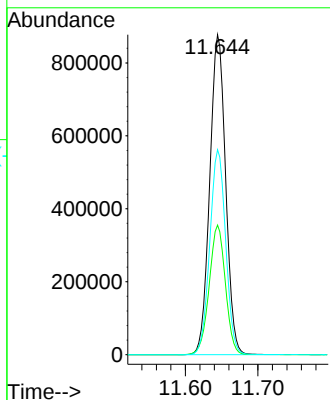
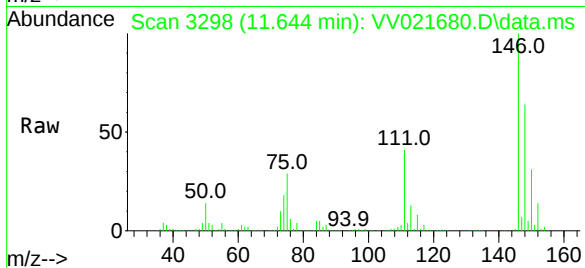




#67
1,2-Dichlorobenzene
Concen: 180.627 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

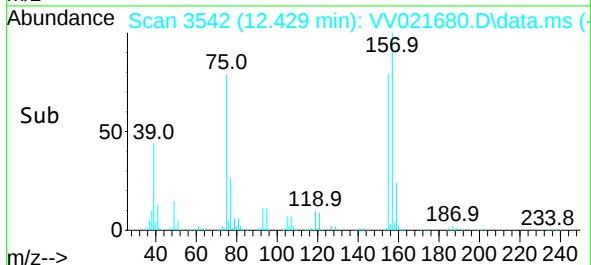
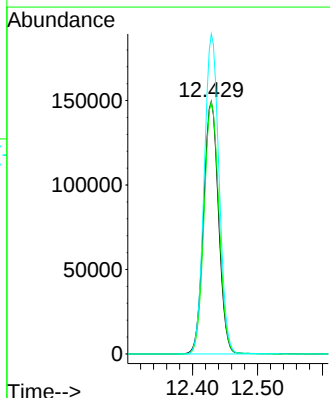
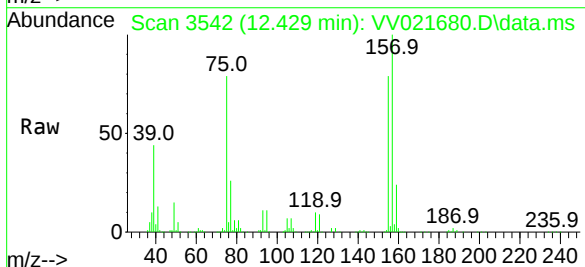
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

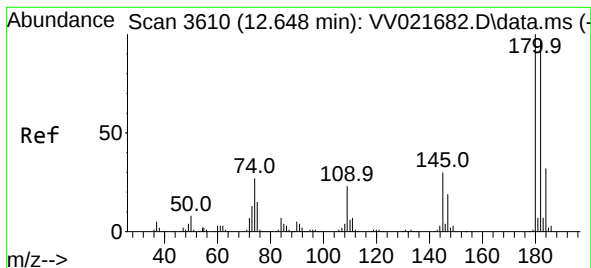
Tgt Ion:146 Resp: 1335222
Ion Ratio Lower Upper
146 100
111 40.5 32.1 48.1
148 64.0 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 185.538 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion: 75 Resp: 240380
Ion Ratio Lower Upper
75 100
155 99.9 77.0 115.4
157 126.8 100.7 151.1

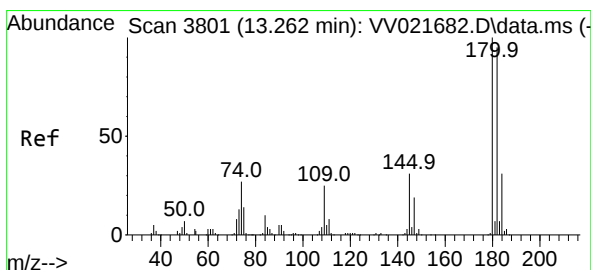
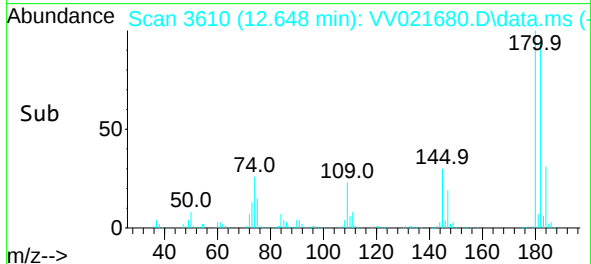
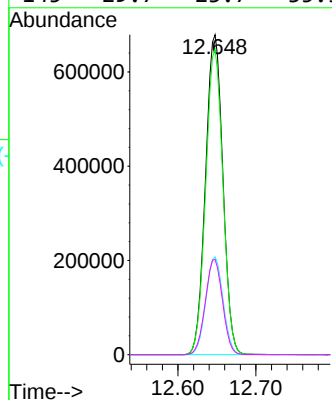
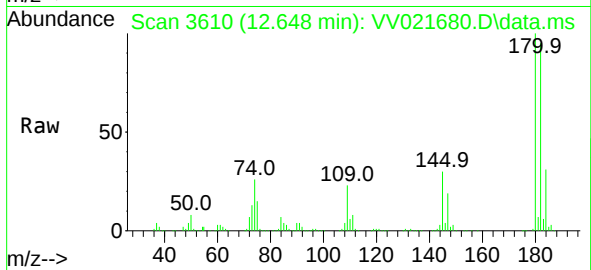




#69
 1,3,5-Trichlorobenzene
 Concen: 190.936 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV021680.D
 Acq: 19 Jul 2021 14:19

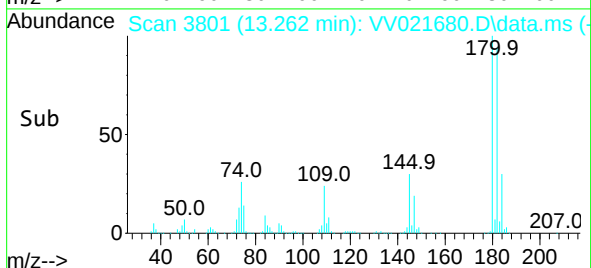
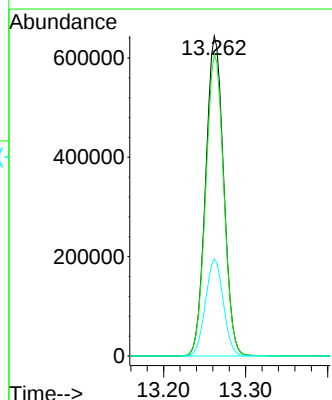
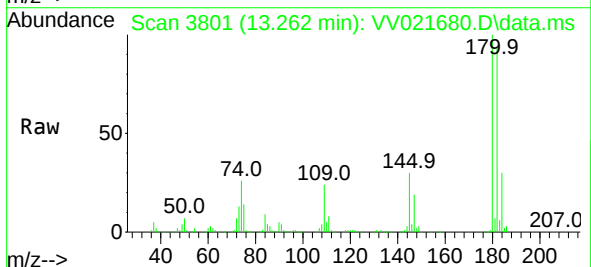
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200229

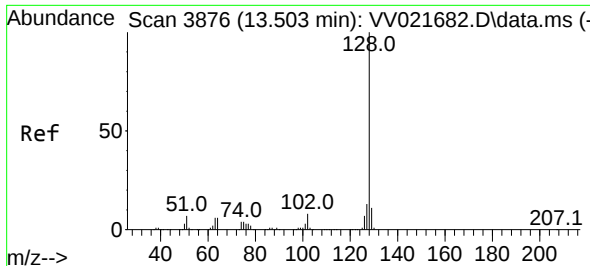
Tgt Ion:180 Resp: 1049299
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 184 30.4 24.9 37.3
 145 29.7 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 206.177 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV021680.D
 Acq: 19 Jul 2021 14:19

Tgt Ion:180 Resp: 977316
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.7 115.1
 145 30.2 24.5 36.7

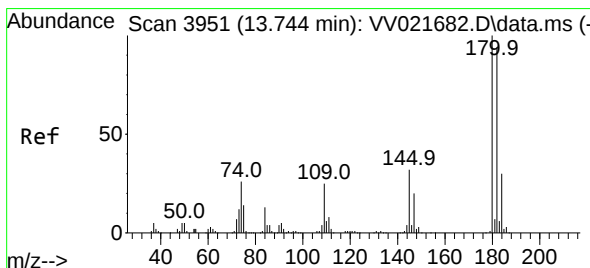
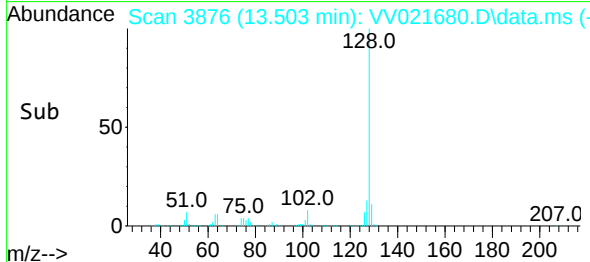
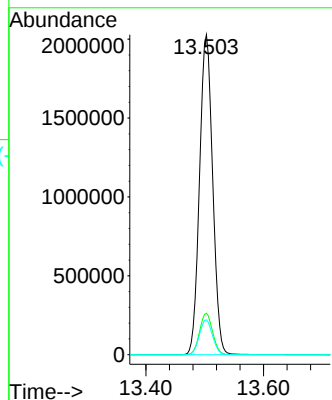
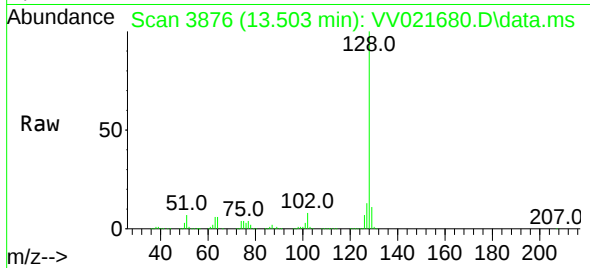




#71
Naphthalene
Concen: 217.041 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

Tgt Ion:128 Resp: 3136730
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 205.843 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021680.D
Acq: 19 Jul 2021 14:19

Tgt Ion:180 Resp: 970035
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.8
145 32.2 25.5 38.3

