

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021679.D
 Acq On : 19 Jul 2021 13:49
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

Quant Time: Jul 20 01:28:32 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	5.619	114	439219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	410459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	212772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	318345	112.305	ug/L	0.00
7) Chloroethane-d5	1.555	69	237785	104.460	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	525302	103.275	ug/L	0.00
21) 2-Butanone-d5	3.870	46	524170	221.537	ug/L	0.00
24) Chloroform-d	4.349	84	606429	104.159	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	360786	105.059	ug/L	0.00
32) Benzene-d6	5.050	84	1235320	105.755	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	387501	105.010	ug/L	0.00
41) Toluene-d8	7.317	98	1144606	105.734	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	198584	108.283	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	390033	230.122	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	524595	106.437	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	453608	105.514	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	304220	83.224	ug/L	99
3) Chloromethane	1.240	50	290737	82.710	ug/L	100
5) Vinyl chloride	1.307	62	303676	86.267	ug/L	100
6) Bromomethane	1.507	94	115412	60.565	ug/L	99
8) Chloroethane	1.574	64	180984	89.711	ug/L	100
9) Trichlorofluoromethane	1.748	101	426090	94.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	237283	92.641	ug/L	99
12) 1,1-Dichloroethene	2.114	96	223351	91.057	ug/L	94
13) Acetone	2.159	43	284210	155.163	ug/L	99
14) Carbon disulfide	2.291	76	675412	79.770	ug/L	99
15) Methyl Acetate	2.426	43	341008	95.219	ug/L	100
16) Methylene chloride	2.503	84	302770	89.967	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	272500	91.059	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	924129	94.508	ug/L	99
19) 1,1-Dichloroethane	3.188	63	514128	93.665	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	314711	93.881	ug/L	99
22) 2-Butanone	3.957	43	487304	186.212	ug/L	96
23) Bromochloromethane	4.246	128	166330	94.085	ug/L	98
25) Chloroform	4.375	83	527303	94.085	ug/L	97
27) 1,2-Dichloroethane	5.130	62	381585	94.089	ug/L	99
29) Cyclohexane	4.677	56	440200	86.680	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	472013	92.314	ug/L	100
31) Carbon tetrachloride	4.828	117	411920	92.124	ug/L	99
33) Benzene	5.098	78	1141825	92.205	ug/L	100
34) Trichloroethene	5.915	95	304338	91.099	ug/L	97
35) Methylcyclohexane	6.133	83	460145	87.683	ug/L	99
37) 1,2-Dichloropropane	6.175	63	300403	92.747	ug/L	100
38) Bromodichloromethane	6.510	83	407550	93.841	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	496745	93.791	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	909362	192.543	ug/L	100
42) Toluene	7.391	91	1226126	92.532	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	469836	95.053	ug/L	99

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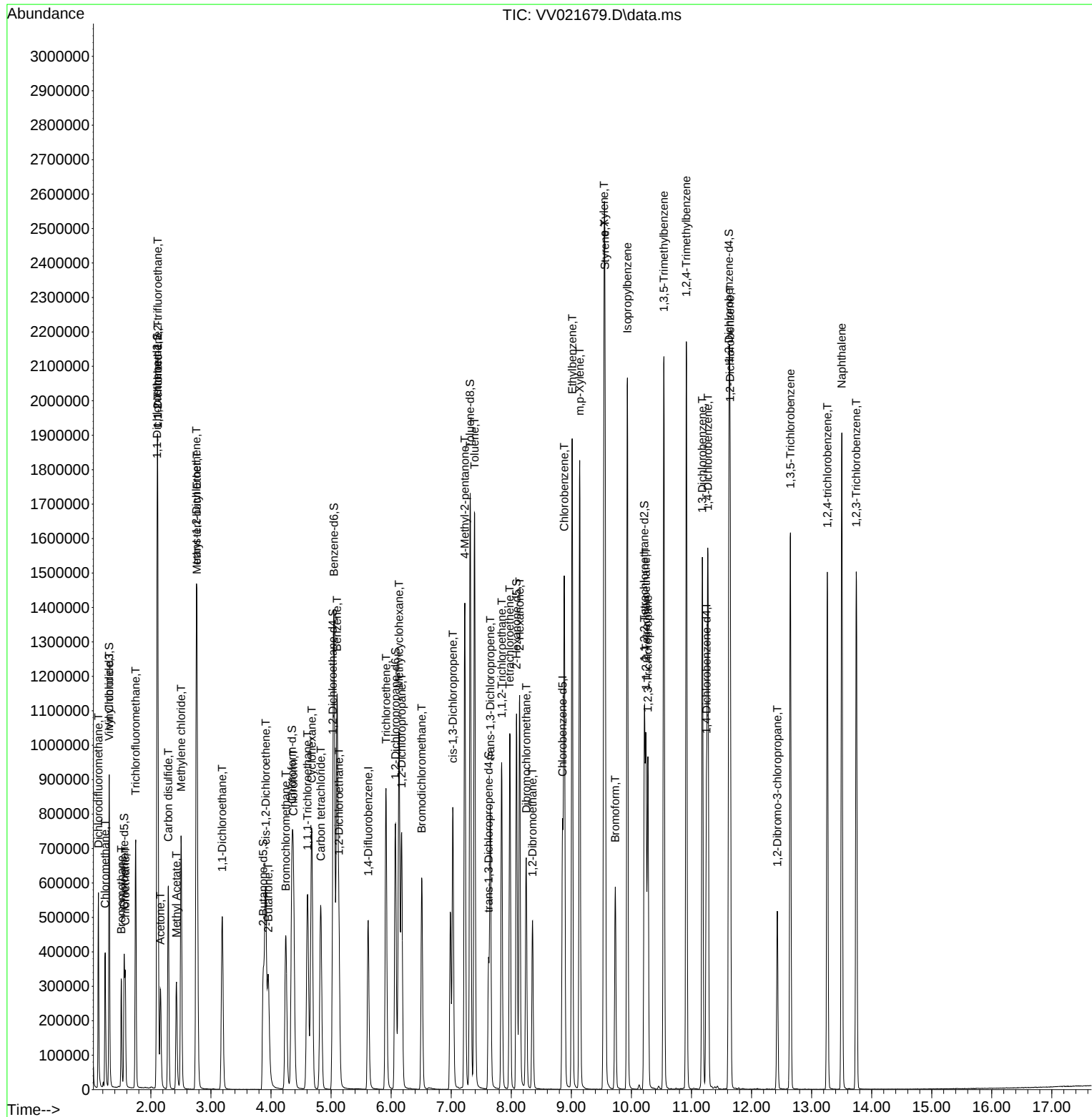
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	298343	94.077	ug/L	100
46) Tetrachloroethene	7.976	164	239874	90.544	ug/L	99
48) 2-Hexanone	8.140	43	693022	186.465	ug/L	100
49) Dibromochloromethane	8.249	129	348589	96.063	ug/L	97
50) 1,2-Dibromoethane	8.352	107	323005	93.359	ug/L	100
51) Chlorobenzene	8.882	112	798221	92.492	ug/L	100
52) Ethylbenzene	9.014	91	1322819	91.996	ug/L	99
53) m,p-Xylene	9.140	106	514666	93.256	ug/L	96
54) o-Xylene	9.545	106	511705	92.887	ug/L	99
55) Styrene	9.561	104	882927	94.703	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	477170	96.782	ug/L	100
59) Bromoform	9.731	173	266711	98.584	ug/L	99
60) Isopropylbenzene	9.934	105	1345728	93.412	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	385798	94.289	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	1134447	92.435	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	1158498	93.414	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	641305	94.611	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	636588	93.763	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	640935	94.190	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	118277	99.174	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	497257	98.295	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	456485	104.615	ug/L	99
71) Naphthalene	13.503	128	1486484	111.734	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	462306	106.571	ug/L	100

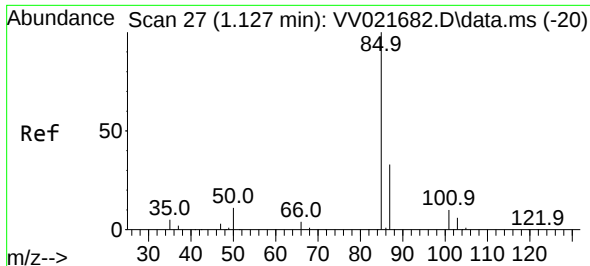
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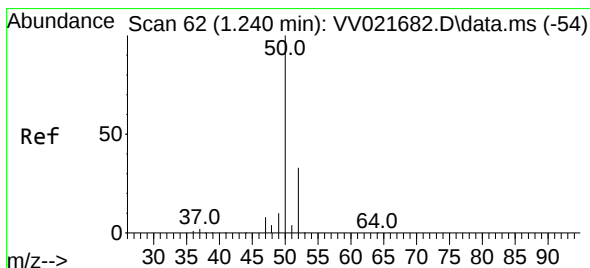
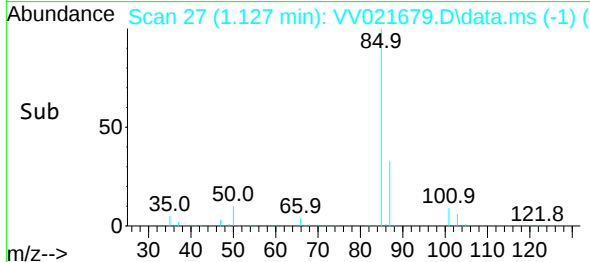
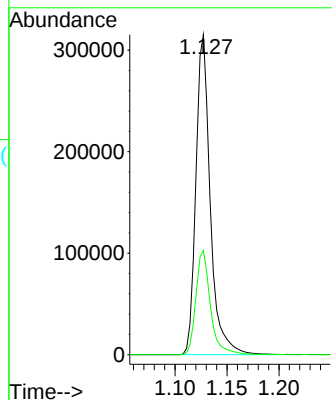
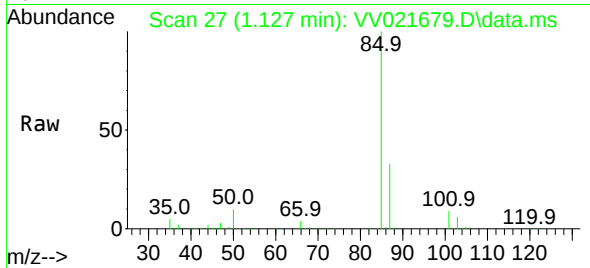




#2
 Dichlorodifluoromethane
 Concen: 83.224 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021679.D
 Acq: 19 Jul 2021 13:49

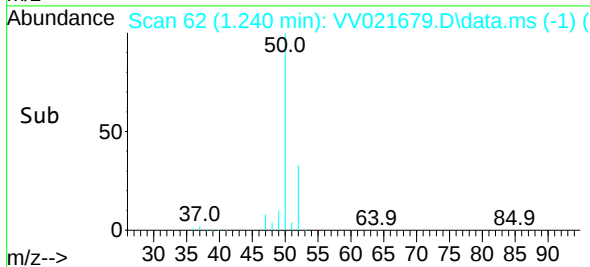
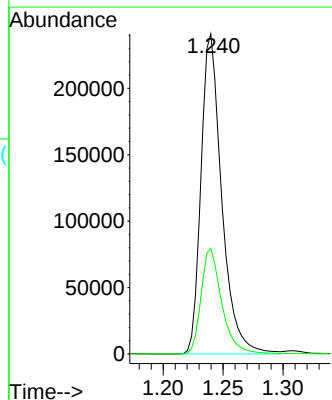
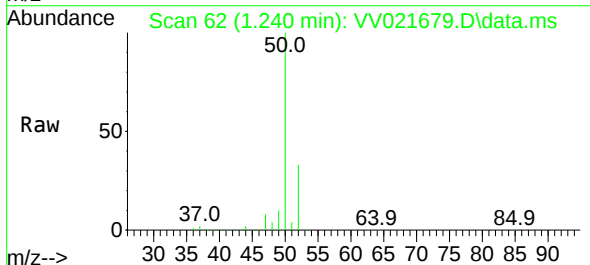
Instrument :
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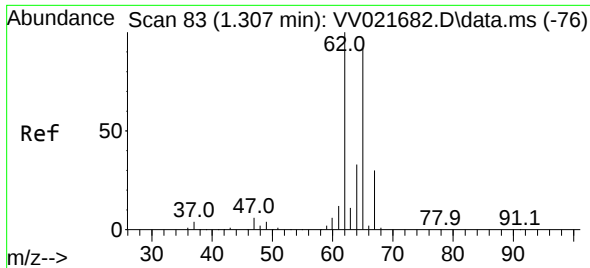
Tgt Ion: 85 Resp: 304220
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 82.710 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021679.D
 Acq: 19 Jul 2021 13:49

Tgt Ion: 50 Resp: 290737
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

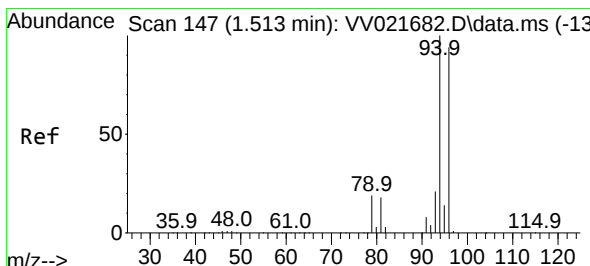
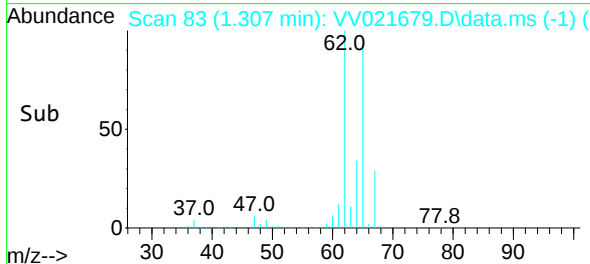
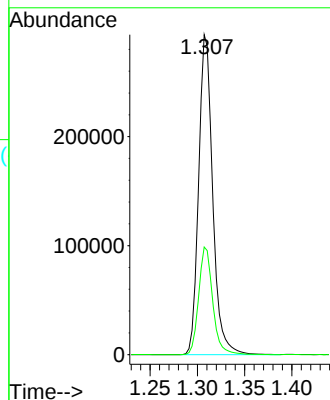
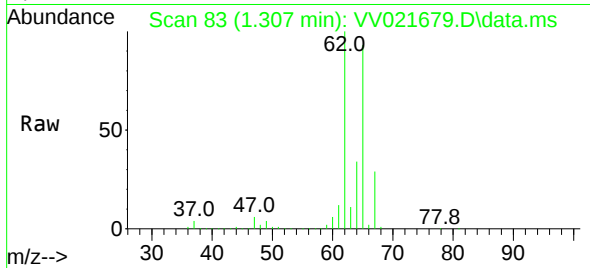




#5
 Vinyl chloride
 Concen: 86.267 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021679.D
 Acq: 19 Jul 2021 13:49

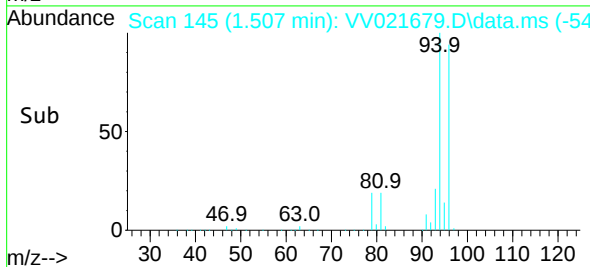
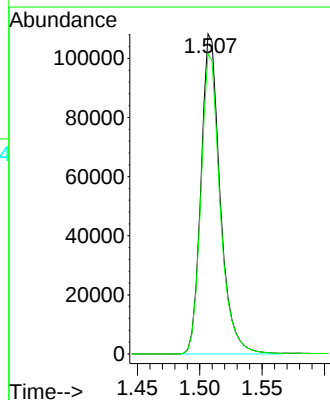
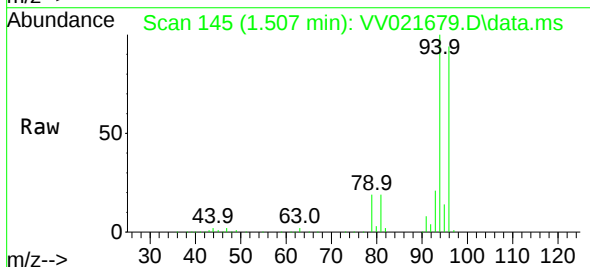
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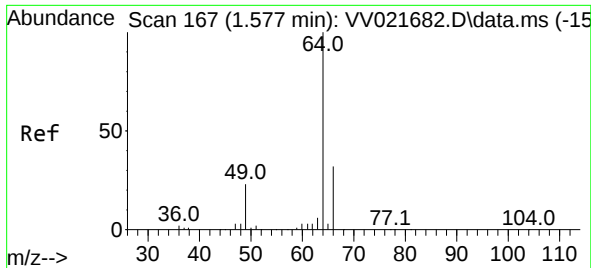
Tgt Ion: 62 Resp: 303676
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 60.565 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VV021679.D
 Acq: 19 Jul 2021 13:49

Tgt Ion: 94 Resp: 115412
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.0 122.6

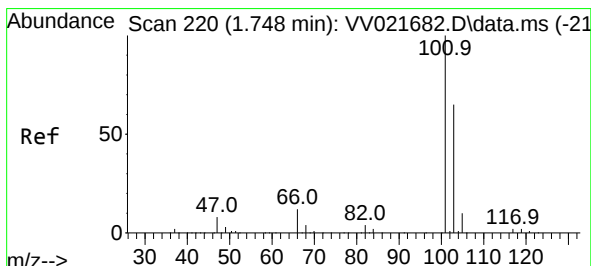
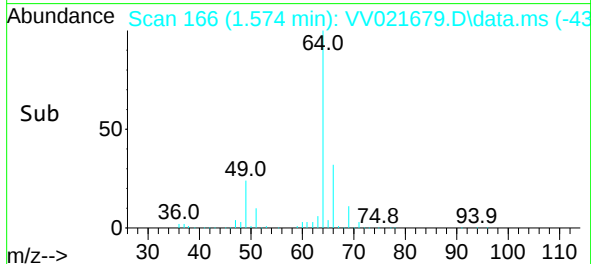
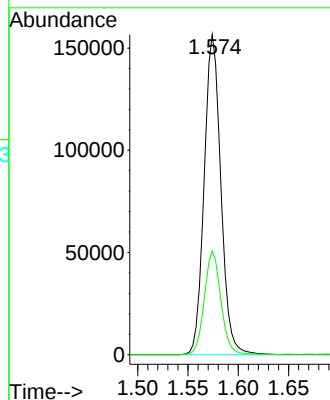
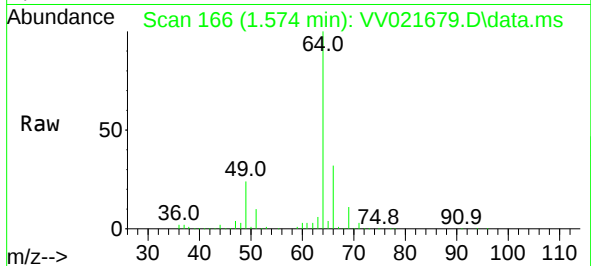




#8
Chloroethane
Concen: 89.711 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

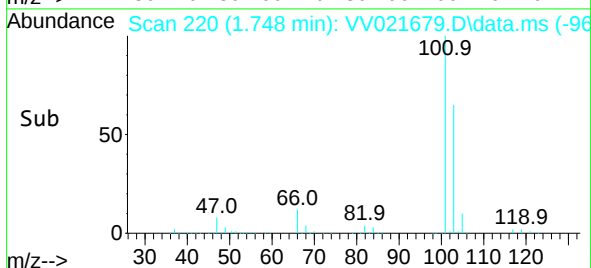
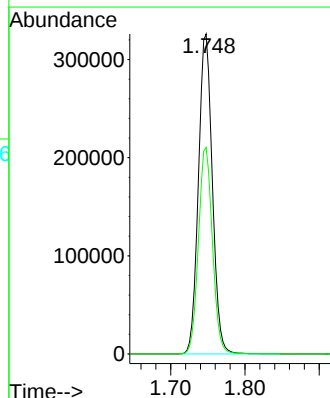
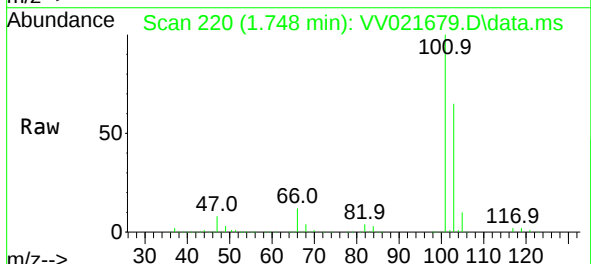
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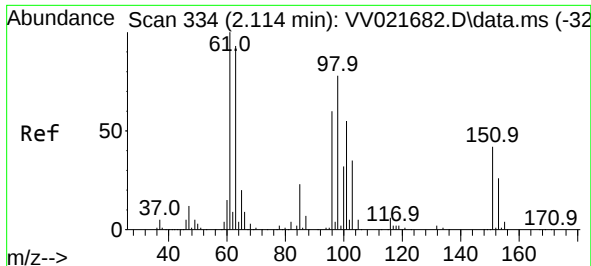
Tgt Ion: 64 Resp: 180984
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 94.195 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 101 Resp: 426090
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

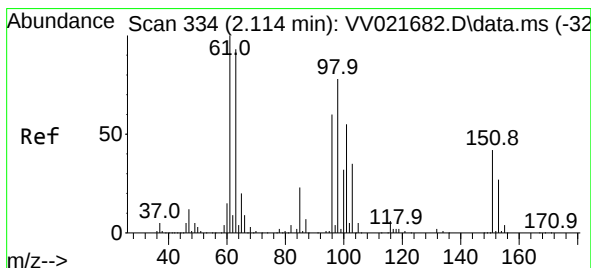
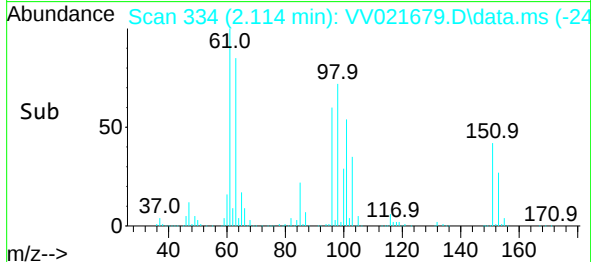
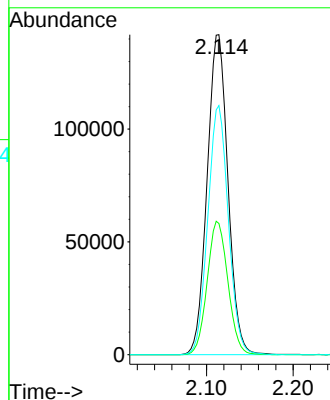
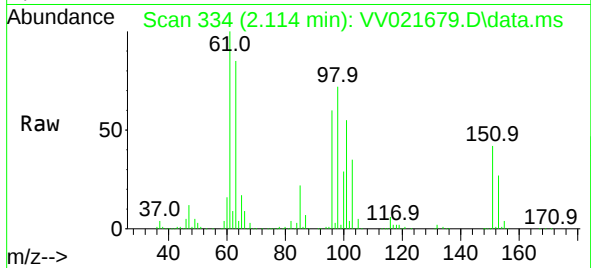




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 92.641 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

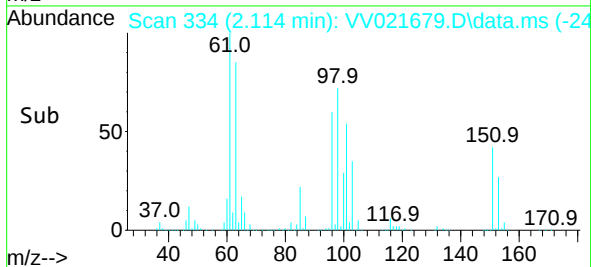
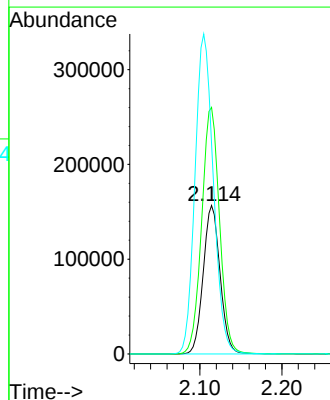
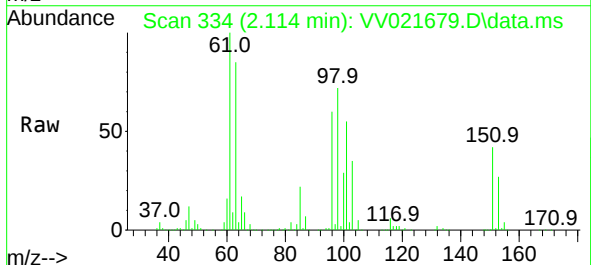
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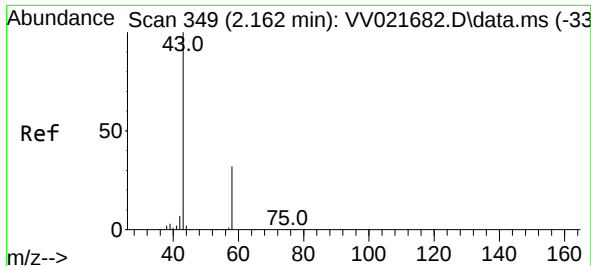
Tgt Ion:101 Resp: 237283
Ion Ratio Lower Upper
101 100
85 41.4 33.6 50.4
151 77.0 62.0 93.0



#12
1,1-Dichloroethene
Concen: 91.057 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 96 Resp: 223351
Ion Ratio Lower Upper
96 100
61 166.0 117.5 218.1
63 141.7 110.1 204.5

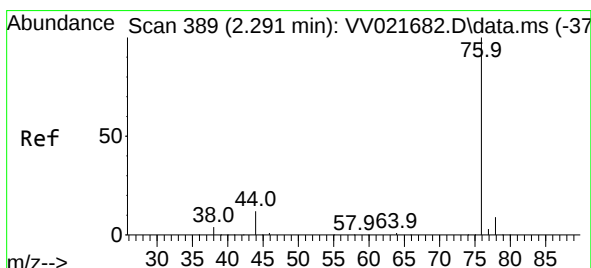
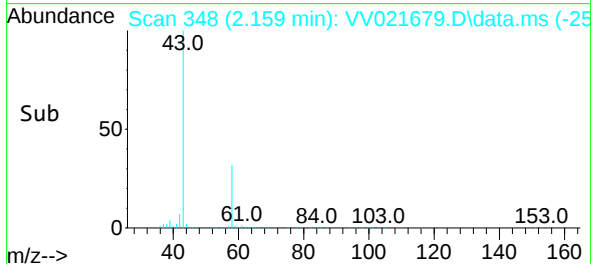
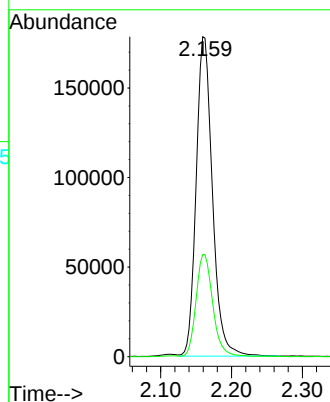
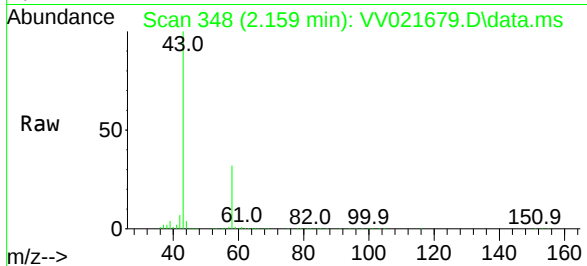




#13
Acetone
Concen: 155.163 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

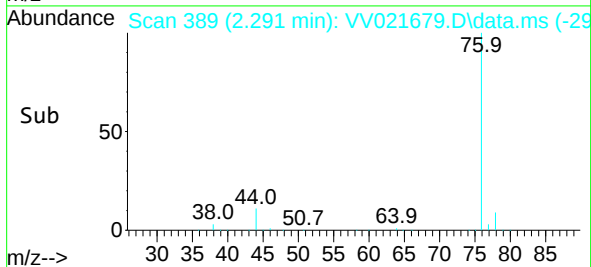
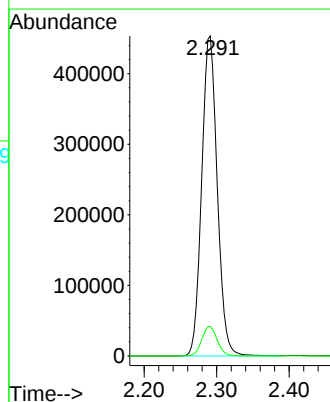
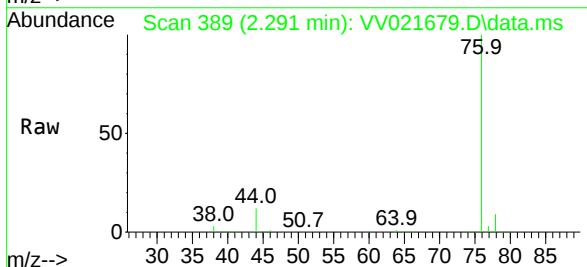
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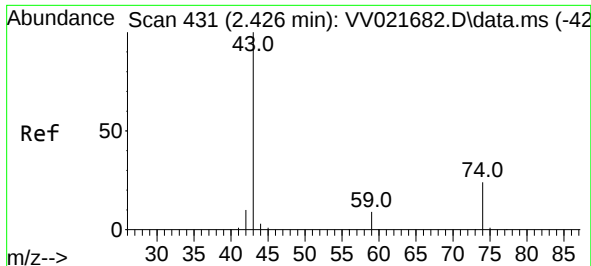
Tgt Ion: 43 Resp: 284210
Ion Ratio Lower Upper
43 100
58 33.0 0.0 64.6



#14
Carbon disulfide
Concen: 79.770 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 76 Resp: 675412
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

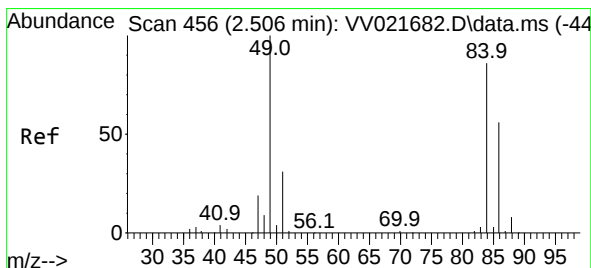
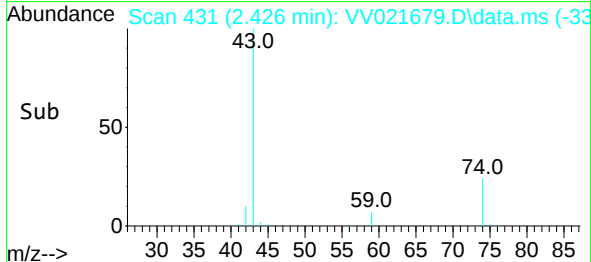
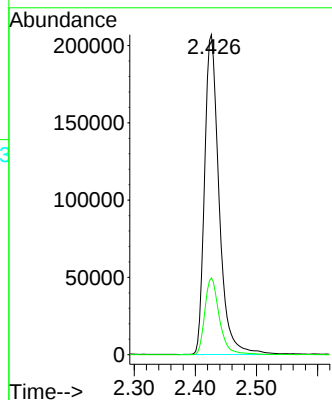
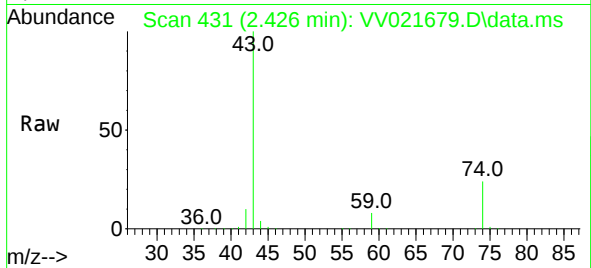




#15
Methyl Acetate
Concen: 95.219 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

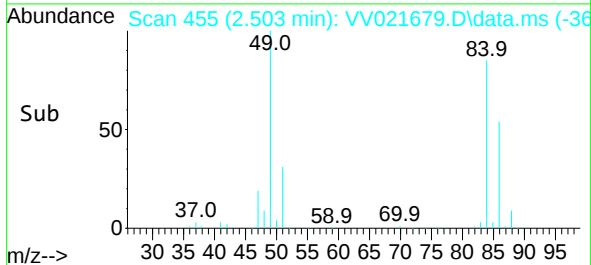
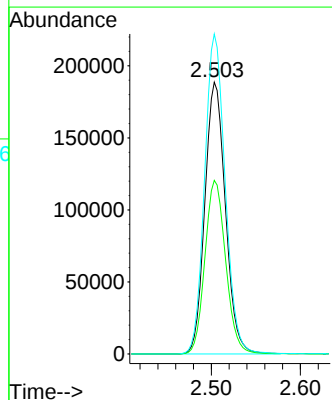
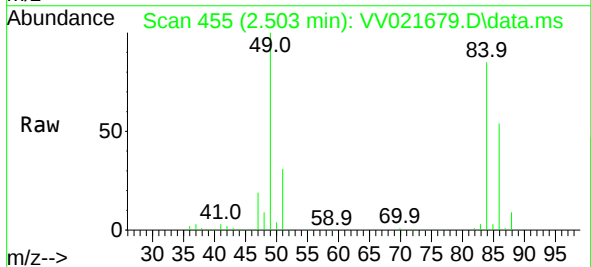
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

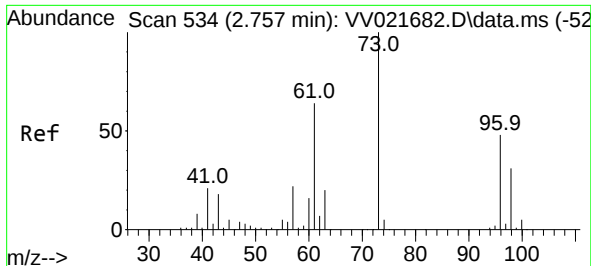
Tgt Ion: 43 Resp: 341008
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 89.967 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 84 Resp: 302770
Ion Ratio Lower Upper
84 100
86 63.9 45.1 83.9
49 117.7 81.1 150.7

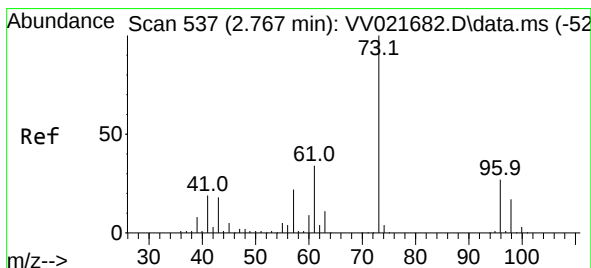
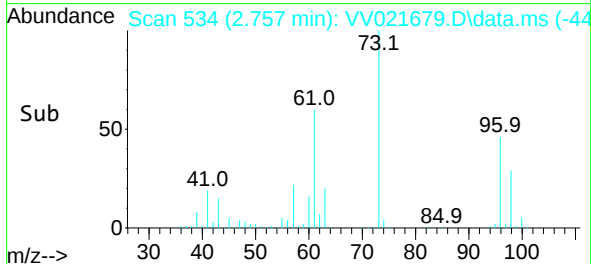
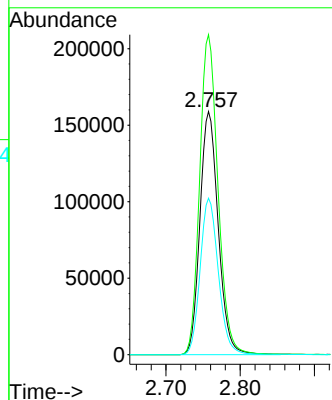
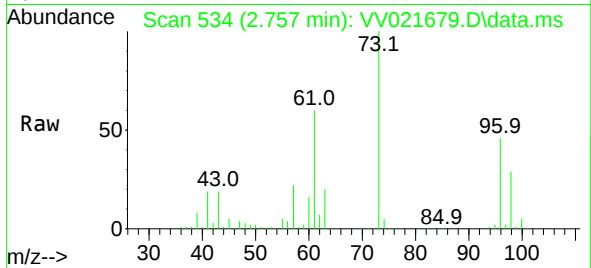




#17
trans-1,2-Dichloroethene
Concen: 91.059 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

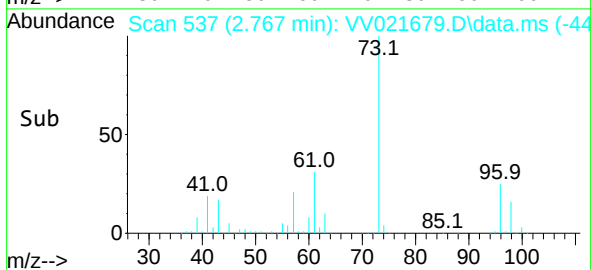
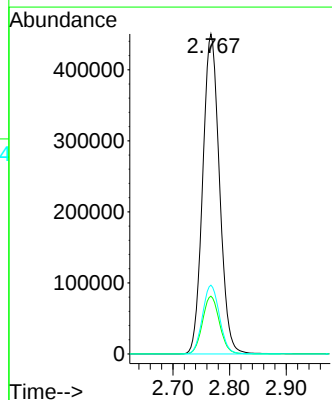
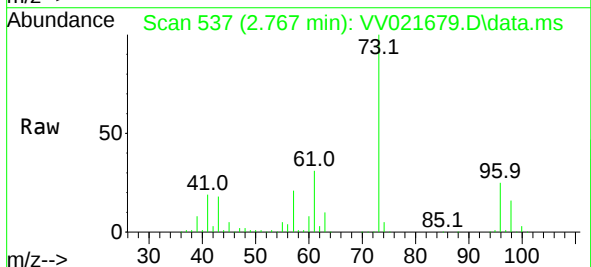
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

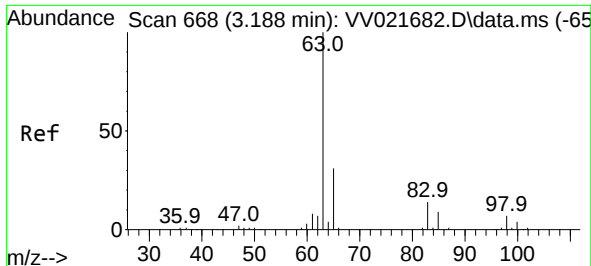
Tgt Ion: 96 Resp: 272500
Ion Ratio Lower Upper
96 100
61 131.6 93.7 174.1
98 64.3 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 94.508 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 73 Resp: 924129
Ion Ratio Lower Upper
73 100
43 18.2 14.3 21.5
57 21.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 93.665 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV021679.D

Acq: 19 Jul 2021 13:49

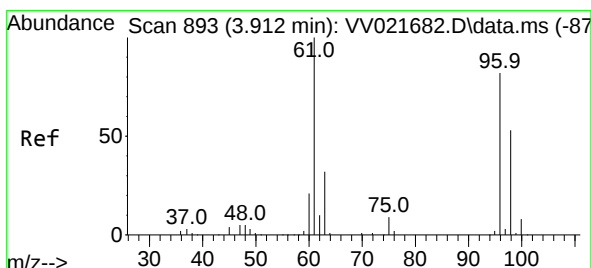
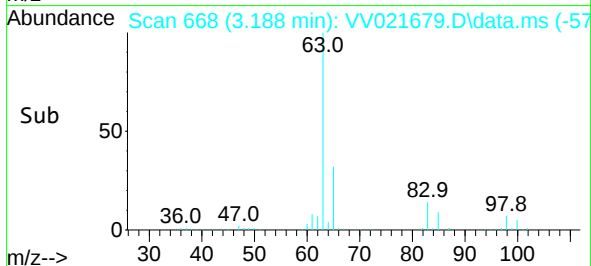
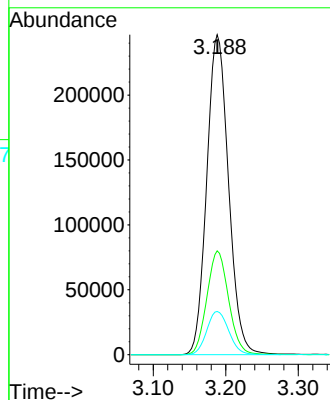
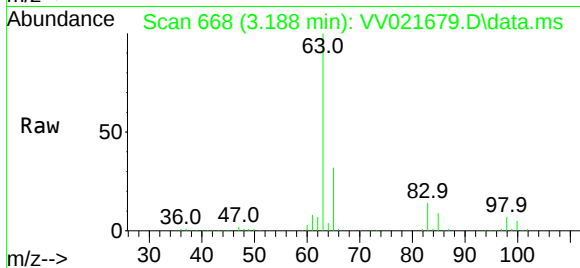
Tgt Ion: 63 Resp: 514128

Ion Ratio Lower Upper

63 100

65 32.4 22.0 40.8

83 13.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 93.881 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV021679.D

Acq: 19 Jul 2021 13:49

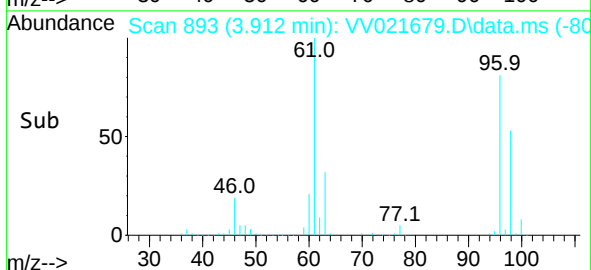
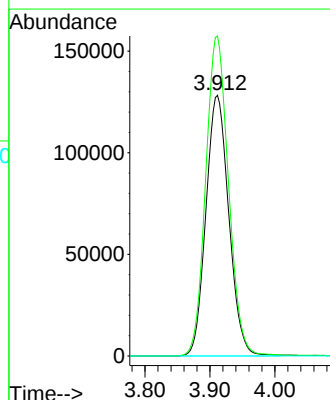
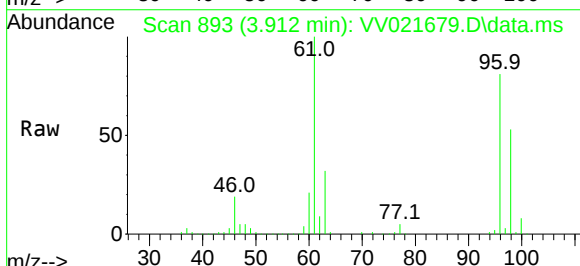
Tgt Ion: 96 Resp: 314711

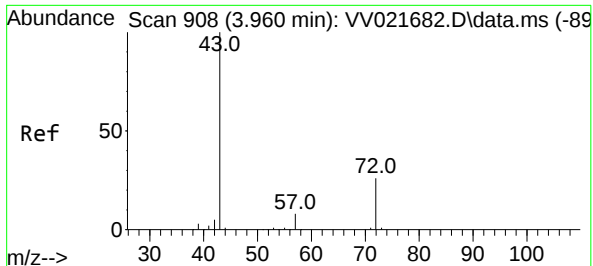
Ion Ratio Lower Upper

96 100

61 122.8 85.3 158.3

68 0.0 0.0 0.0

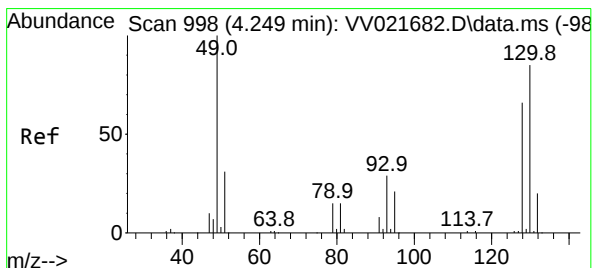
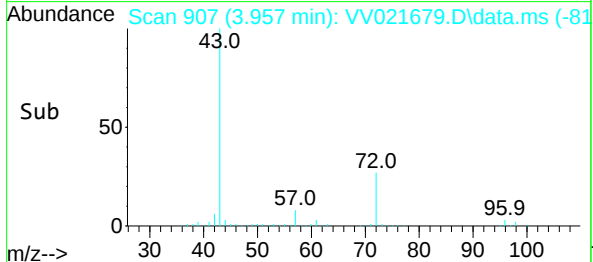
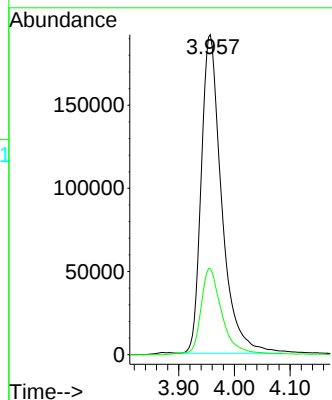
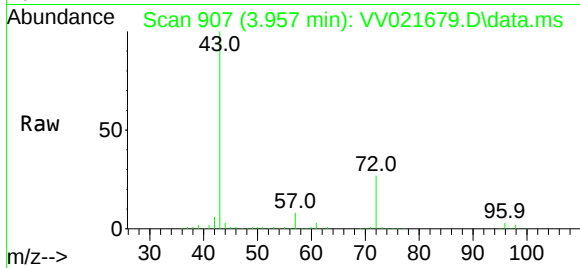




#22
2-Butanone
Concen: 186.212 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

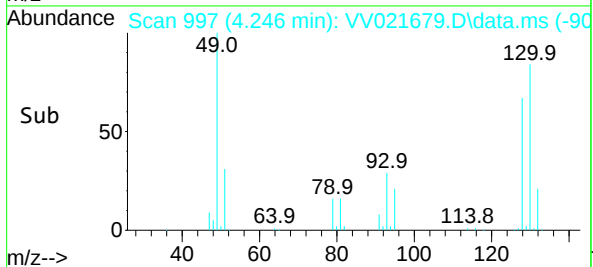
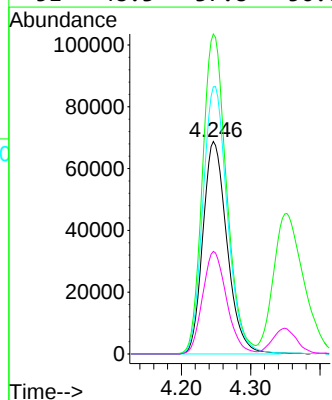
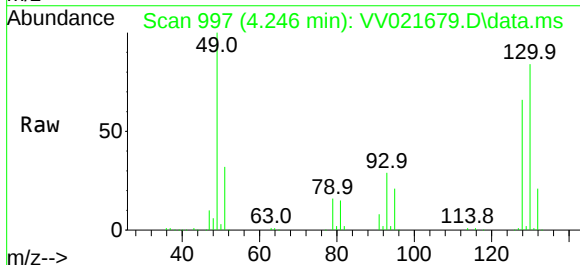
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

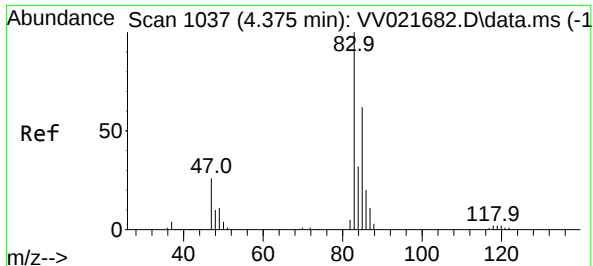
Tgt Ion: 43 Resp: 487304
Ion Ratio Lower Upper
43 100
72 28.1 13.2 39.5



#23
Bromochloromethane
Concen: 94.085 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:128 Resp: 166330
Ion Ratio Lower Upper
128 100
49 150.6 106.8 198.4
130 125.8 90.6 168.2
51 48.3 37.8 56.6





#25

Chloroform

Concen: 94.085 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV021679.D

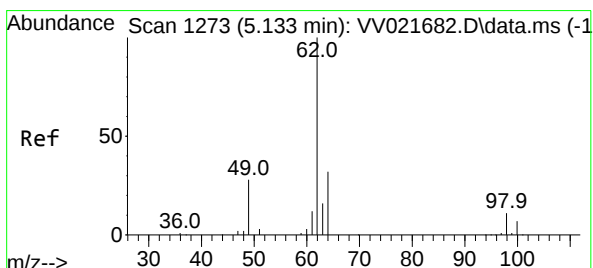
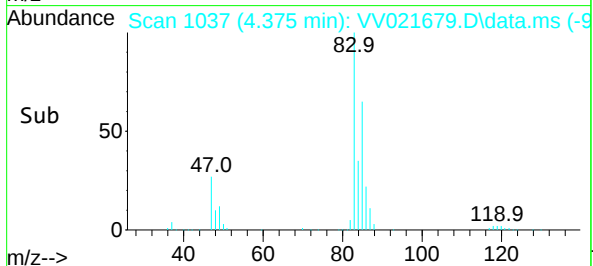
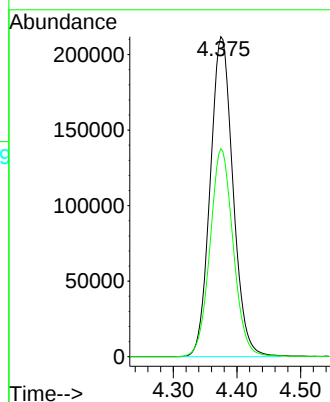
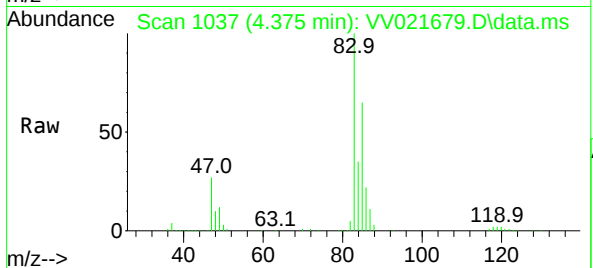
Acq: 19 Jul 2021 13:49

Tgt Ion: 83 Resp: 527303

Ion Ratio Lower Upper

83 100

85 65.0 43.8 81.4



#27

1,2-Dichloroethane

Concen: 94.089 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021679.D

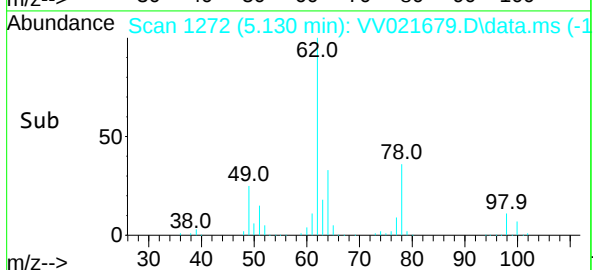
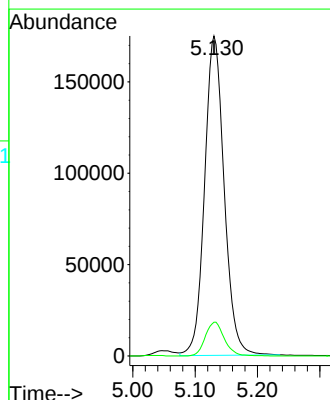
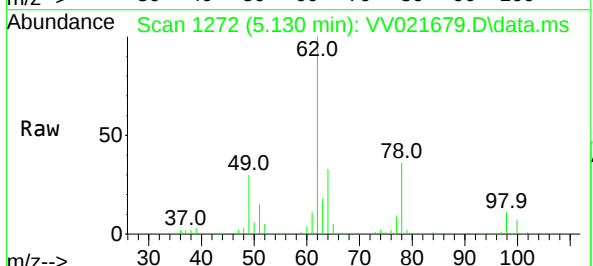
Acq: 19 Jul 2021 13:49

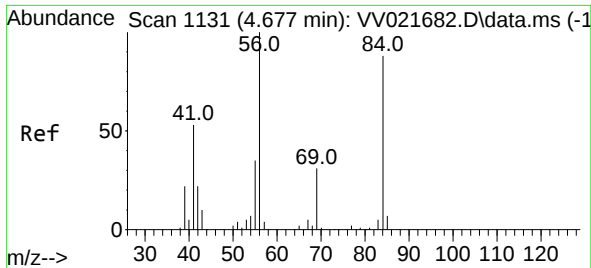
Tgt Ion: 62 Resp: 381585

Ion Ratio Lower Upper

62 100

98 10.5 8.7 13.1

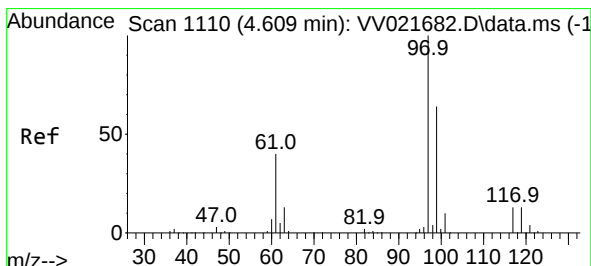
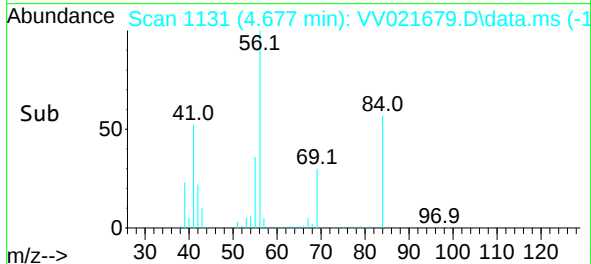
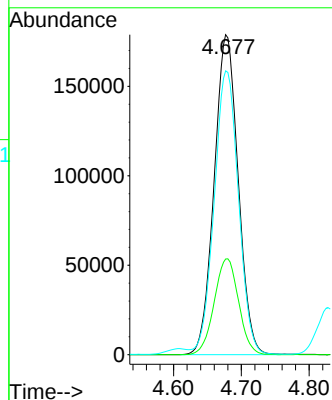
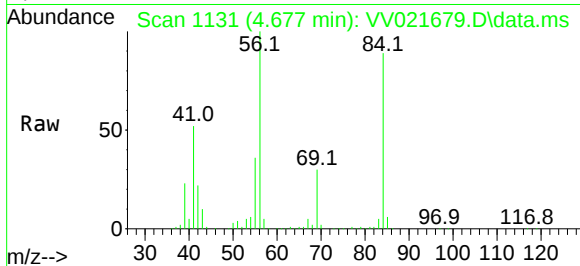




#29
Cyclohexane
Concen: 86.680 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

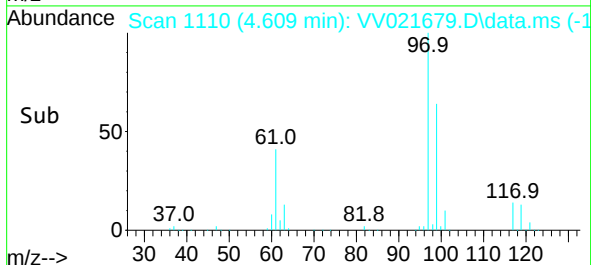
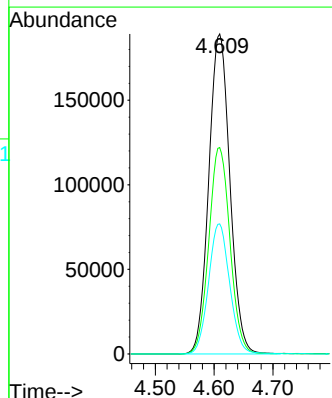
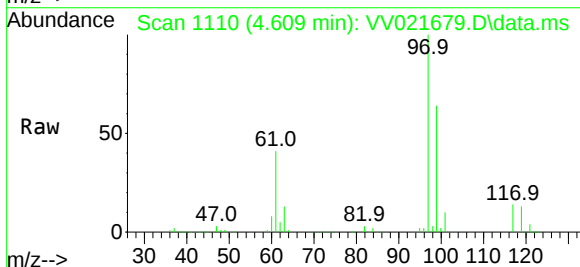
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

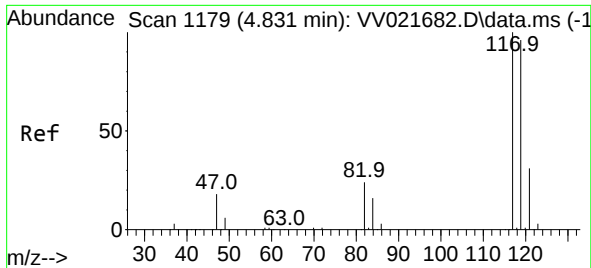
Tgt Ion:	56	Resp:	440200
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.5	36.7
84	89.5	71.4	107.0



#30
1,1,1-Trichloroethane
Concen: 92.314 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:	97	Resp:	472013
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	40.7	32.6	49.0

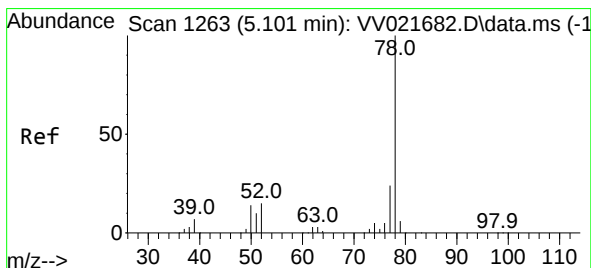
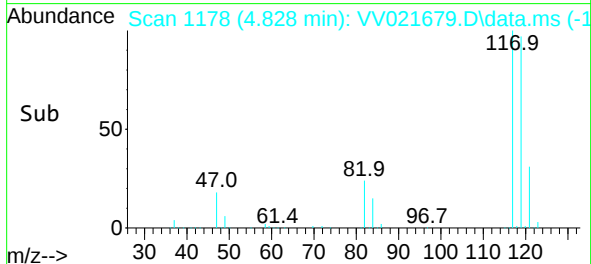
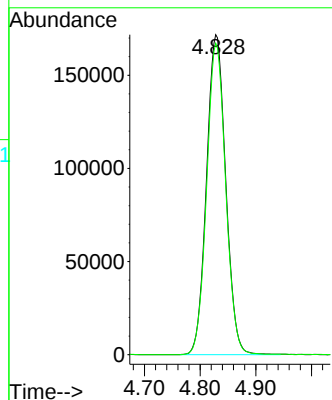
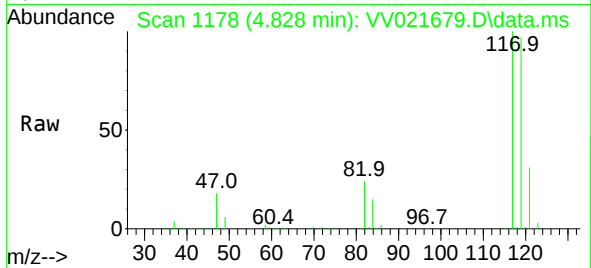




#31
Carbon tetrachloride
Concen: 92.124 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

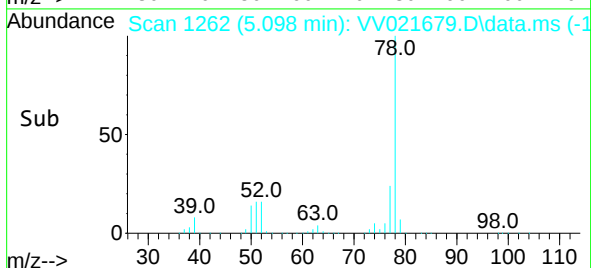
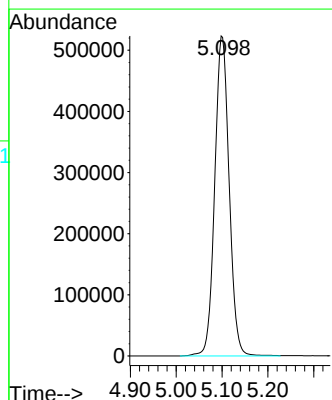
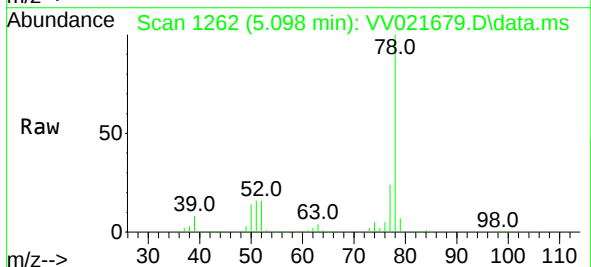
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

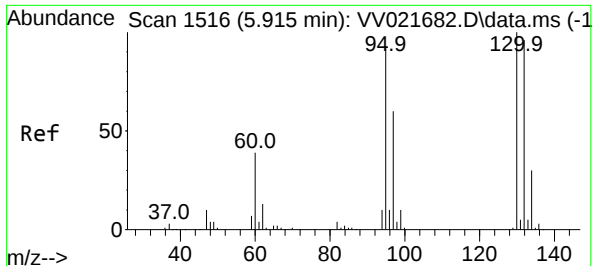
Tgt Ion:117 Resp: 411920
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 92.205 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 78 Resp: 1141825

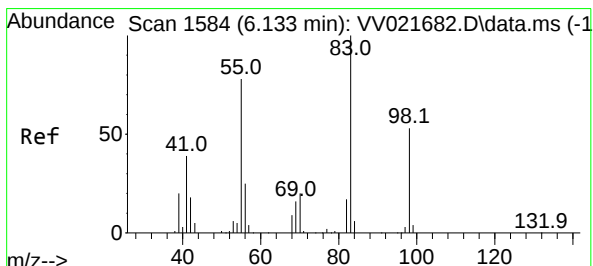
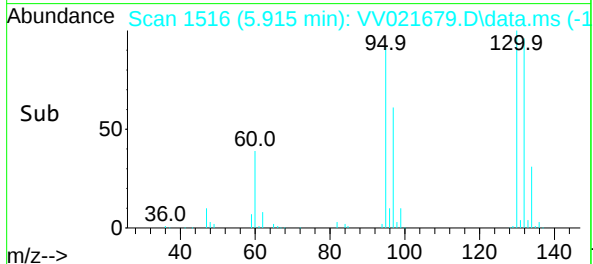
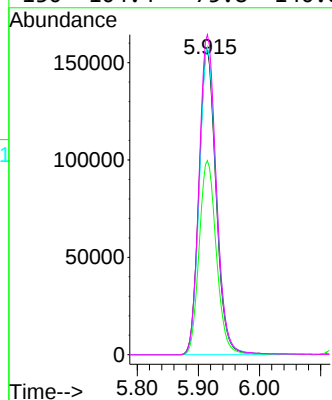
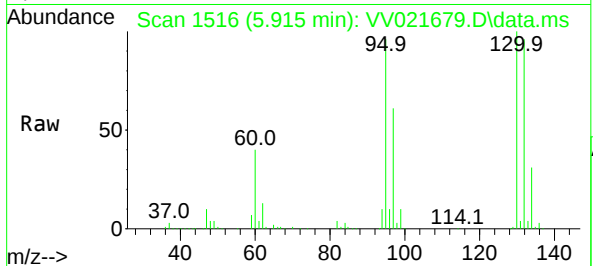




#34
Trichloroethene
Concen: 91.099 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

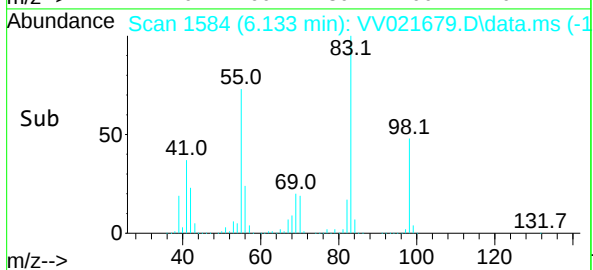
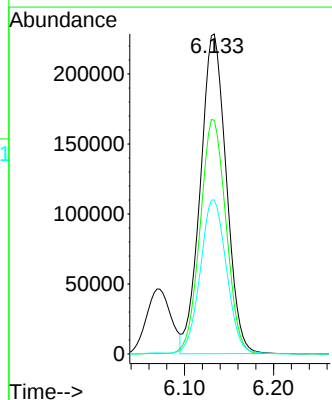
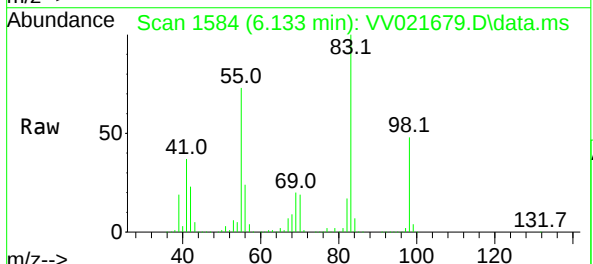
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

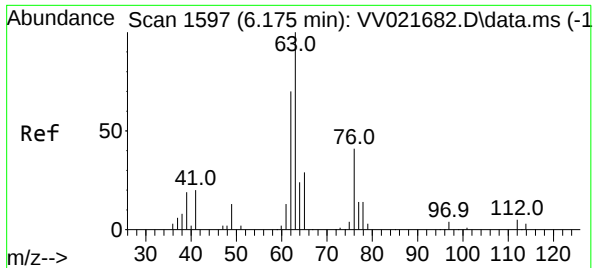
Tgt Ion: 95 Resp: 304338
Ion Ratio Lower Upper
95 100
97 63.3 45.6 84.6
132 100.4 72.4 134.5
130 104.4 75.8 140.8



#35
Methylcyclohexane
Concen: 87.683 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 83 Resp: 460145
Ion Ratio Lower Upper
83 100
55 73.5 59.3 88.9
98 49.3 40.2 60.4

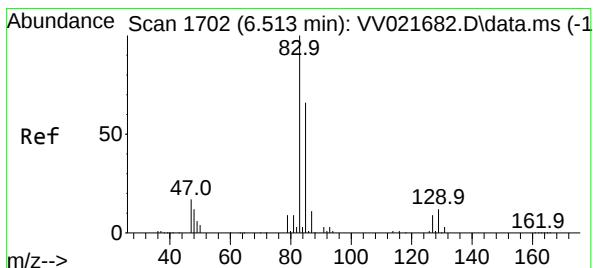
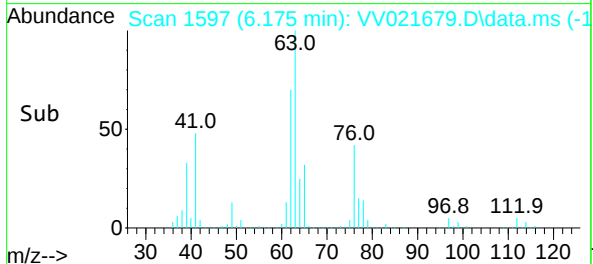
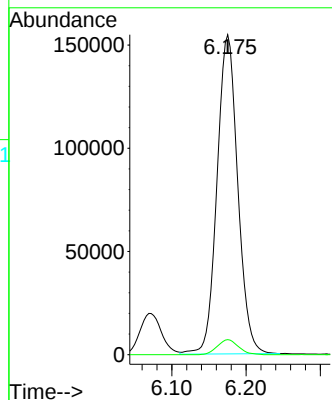
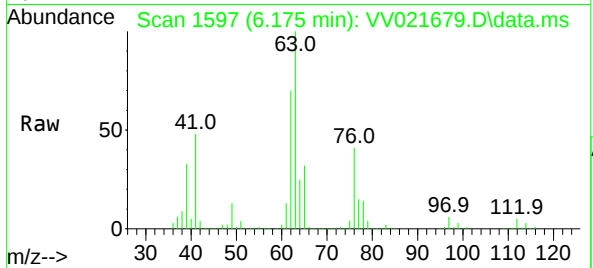




#37
1,2-Dichloropropane
Concen: 92.747 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

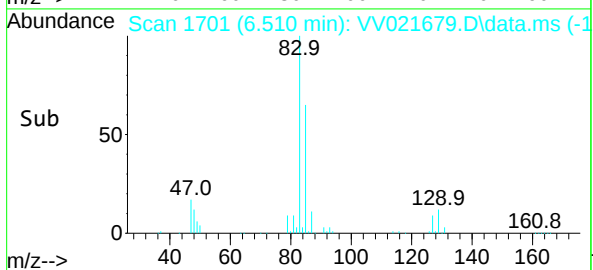
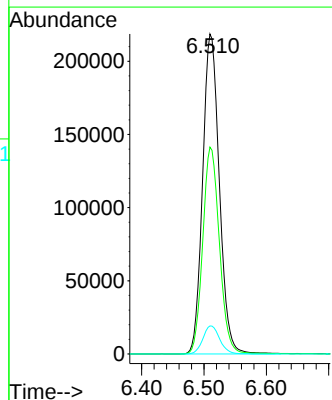
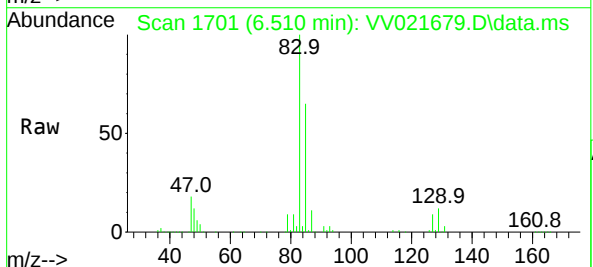
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

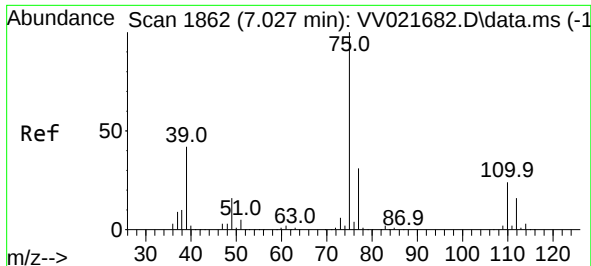
Tgt Ion: 63 Resp: 300403
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 93.841 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 83 Resp: 407550
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5
127 8.8 7.4 11.0

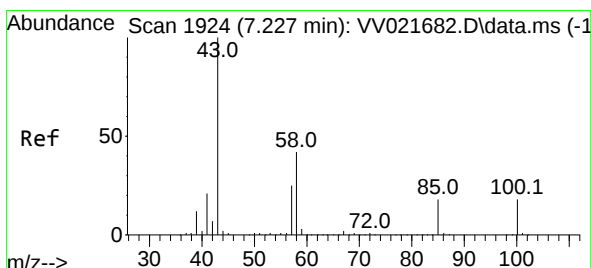
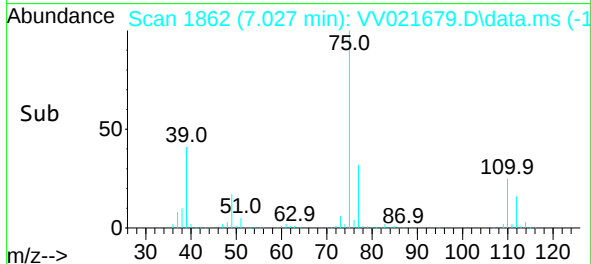
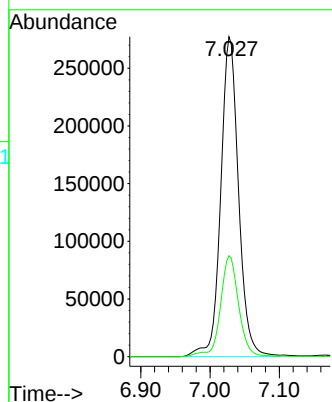
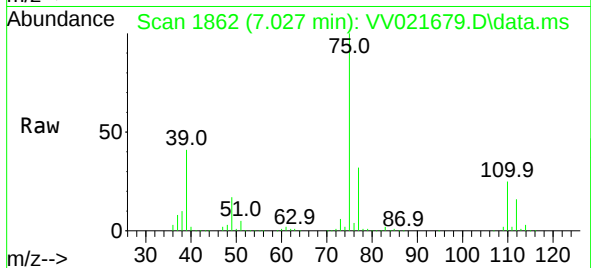




#39
cis-1,3-Dichloropropene
Concen: 93.791 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

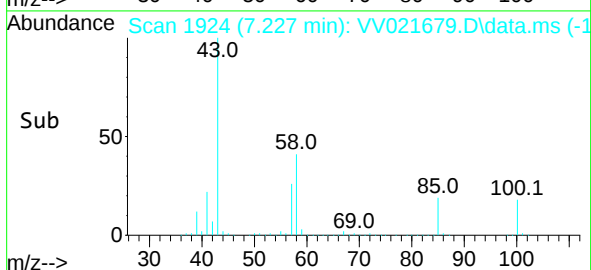
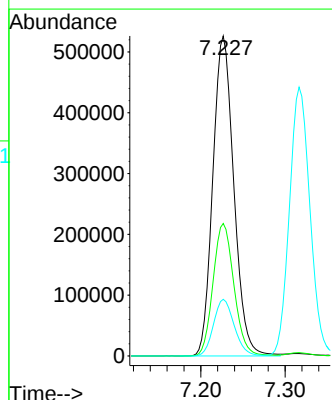
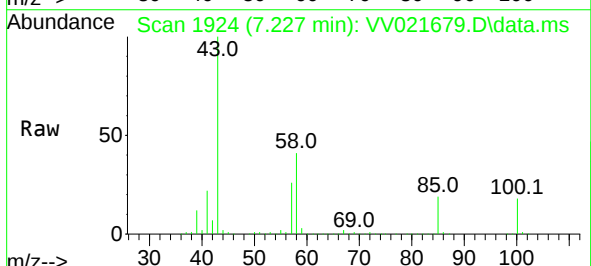
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

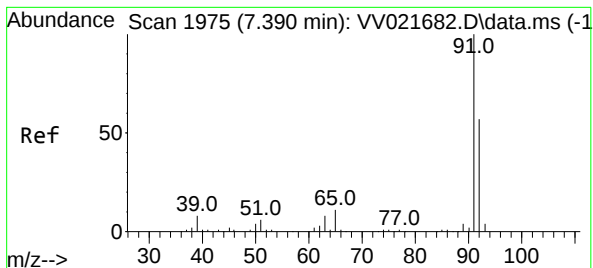
Tgt Ion: 75 Resp: 496745
Ion Ratio Lower Upper
75 100
77 31.6 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 192.543 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 43 Resp: 909362
Ion Ratio Lower Upper
43 100
58 41.3 33.1 49.7
100 17.5 13.8 20.8





#42

Toluene

Concen: 92.532 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

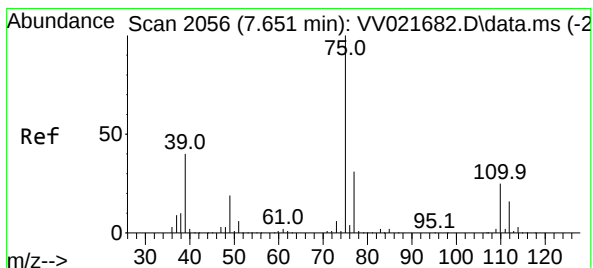
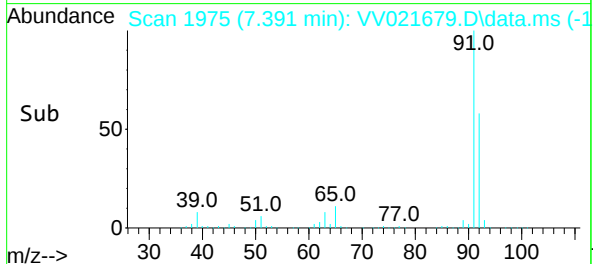
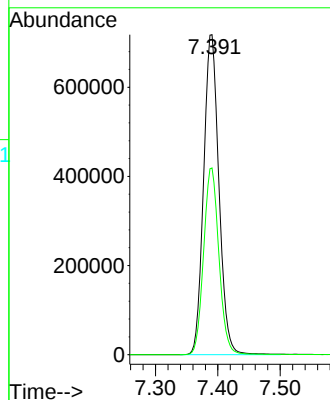
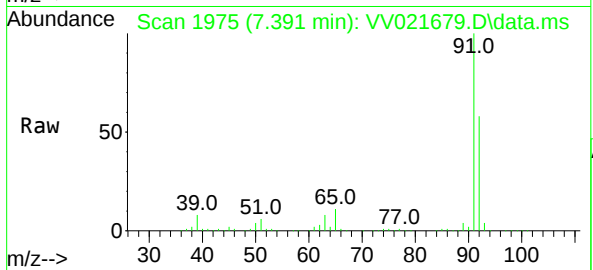
Lab File: VV021679.D

Acq: 19 Jul 2021 13:49

Tgt Ion: 91 Resp: 1226126

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.2	74.6

Instrument :
MSVOA_V
ClientSampleId :
VSTD100228



#44

trans-1,3-Dichloropropene

Concen: 95.053 ug/L

RT: 7.651 min Scan# 2056

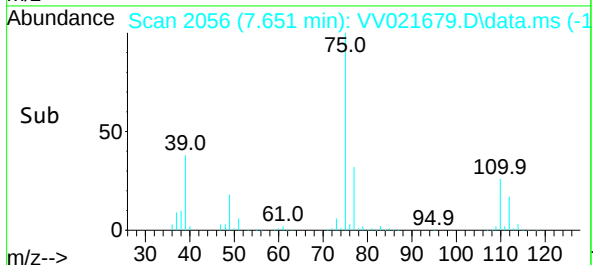
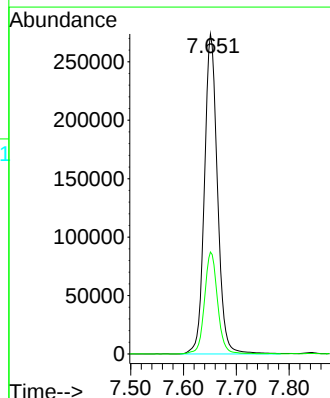
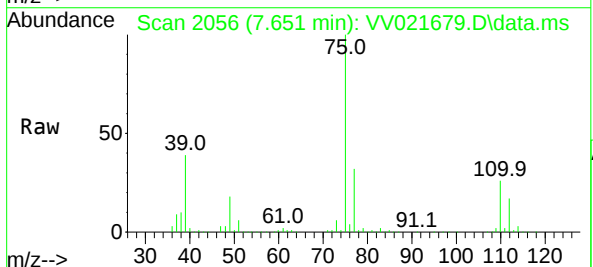
Delta R.T. 0.000 min

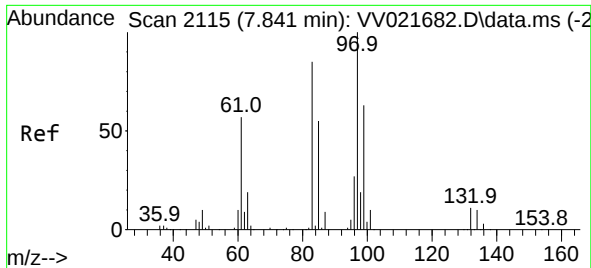
Lab File: VV021679.D

Acq: 19 Jul 2021 13:49

Tgt Ion: 75 Resp: 469836

Ion	Ratio	Lower	Upper
75	100		
77	31.9	21.8	40.4



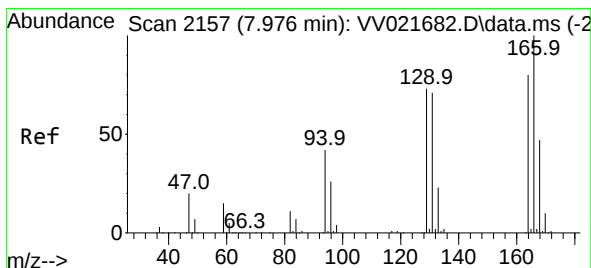
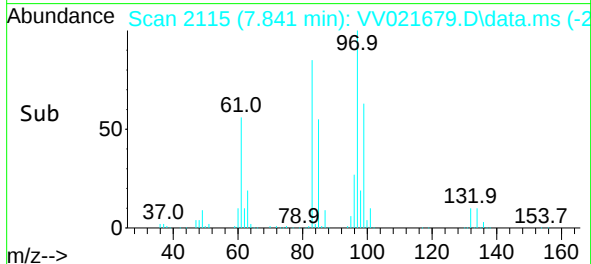
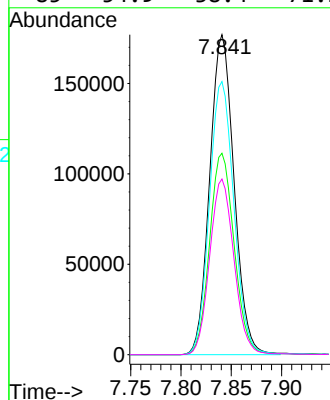
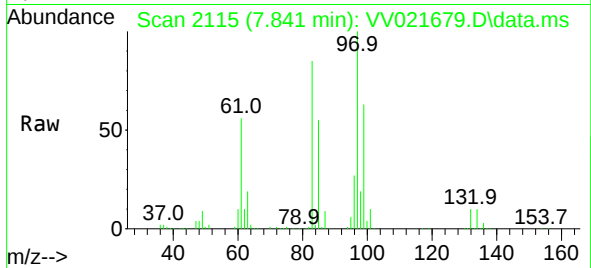


#45
1,1,2-Trichloroethane
Concen: 94.077 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

Tgt Ion: 97 Resp: 298343

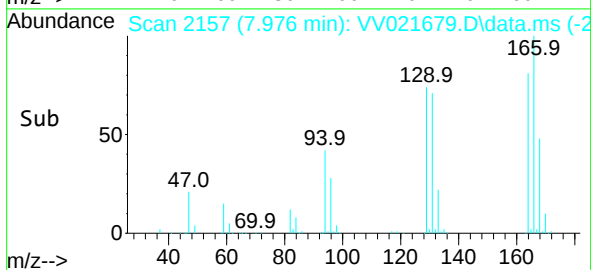
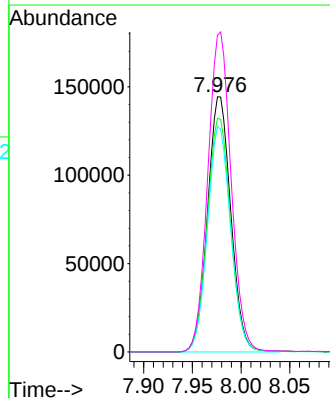
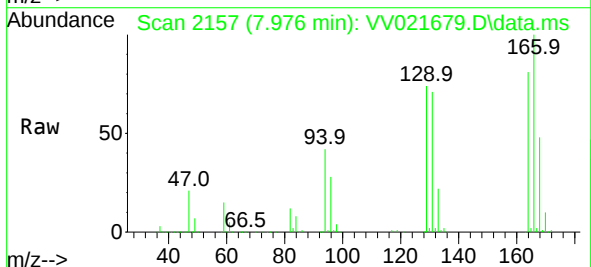
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.0	81.8
83	85.4	59.1	109.9
85	54.9	38.4	71.2

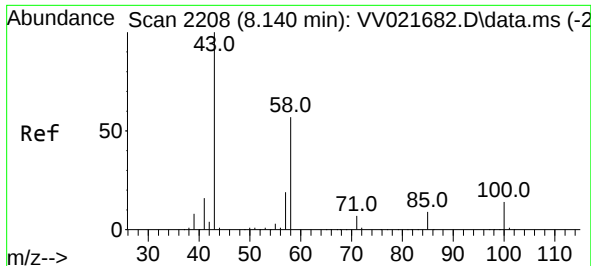


#46
Tetrachloroethene
Concen: 90.544 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 164 Resp: 239874

Ion	Ratio	Lower	Upper
164	100		
129	91.6	63.8	118.6
131	88.4	62.1	115.3
166	124.0	87.9	163.3

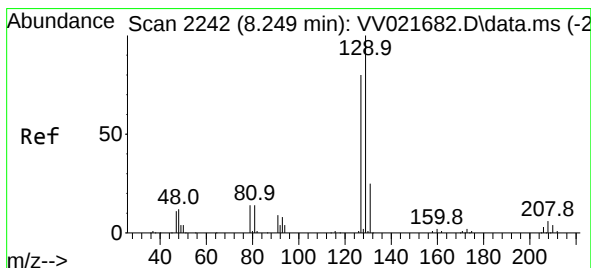
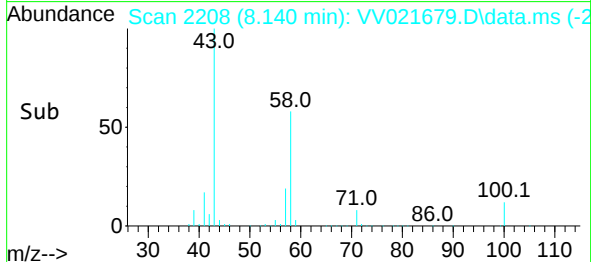
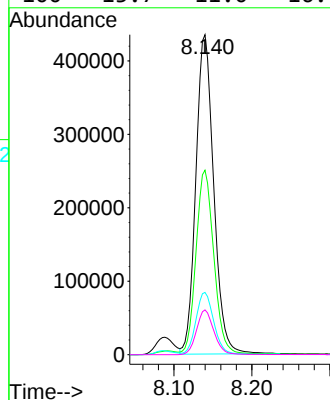
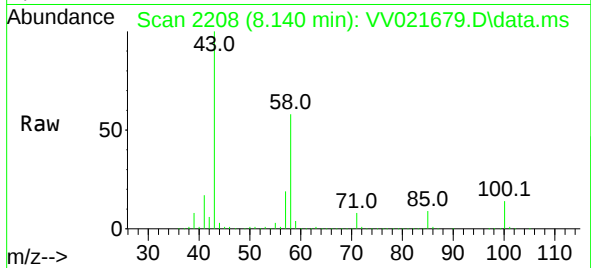




#48
2-Hexanone
Concen: 186.465 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

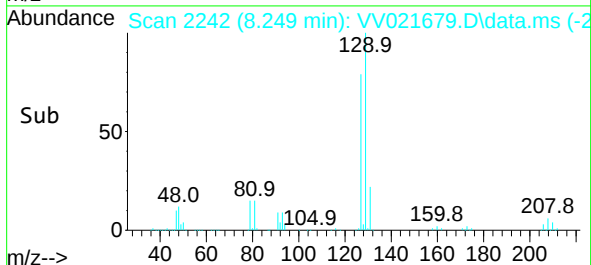
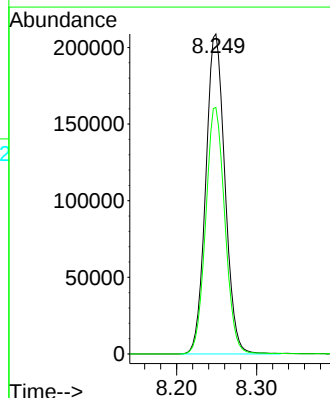
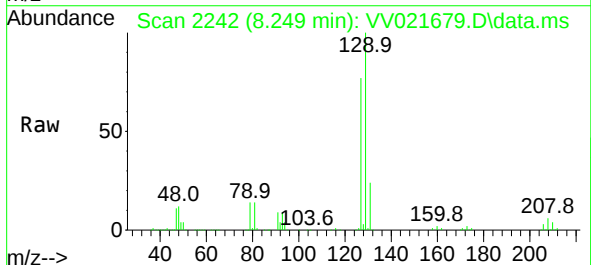
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

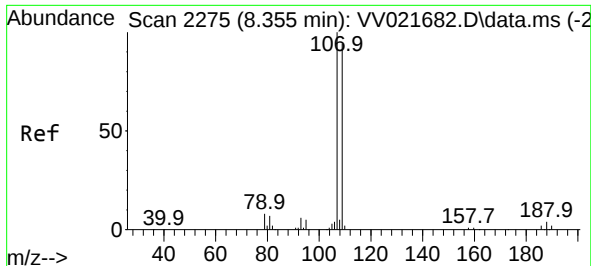
Tgt Ion:	43	Resp:	693022
Ion	Ratio	Lower	Upper
43	100		
58	57.7	46.0	69.0
57	19.3	15.6	23.4
100	13.7	11.0	16.4



#49
Dibromochloromethane
Concen: 96.063 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:	129	Resp:	348589
Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.6	103.4





#50

1,2-Dibromoethane

Concen: 93.359 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV021679.D

Acq: 19 Jul 2021 13:49

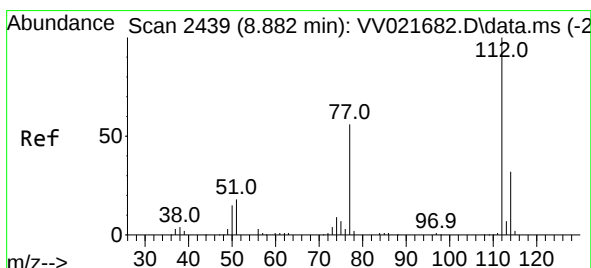
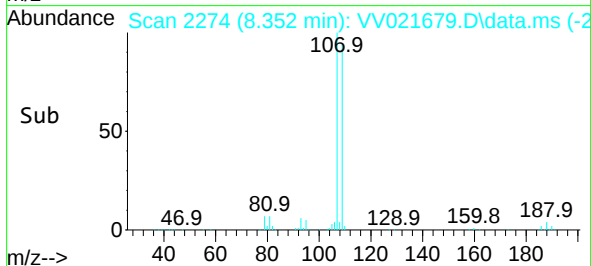
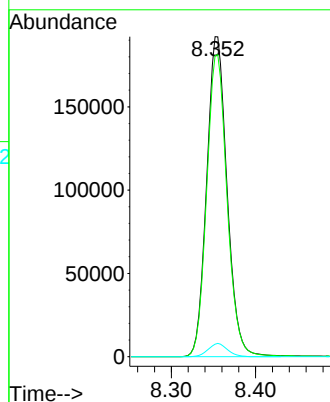
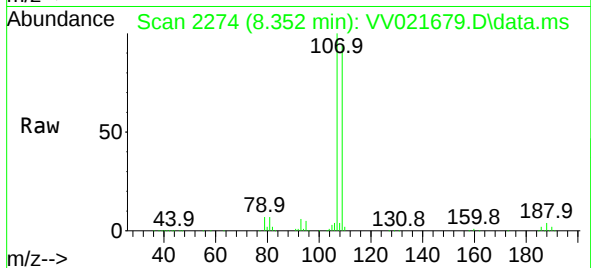
Tgt Ion:107 Resp: 323005

Ion Ratio Lower Upper

107 100

109 94.0 65.7 122.1

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 92.492 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV021679.D

Acq: 19 Jul 2021 13:49

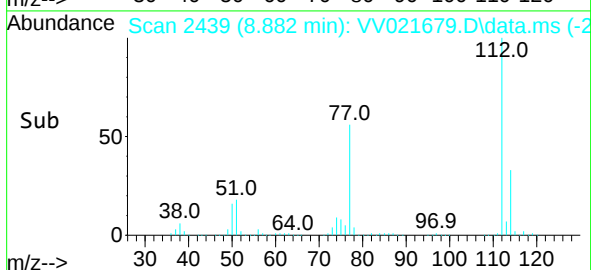
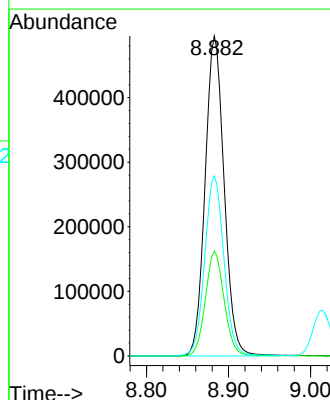
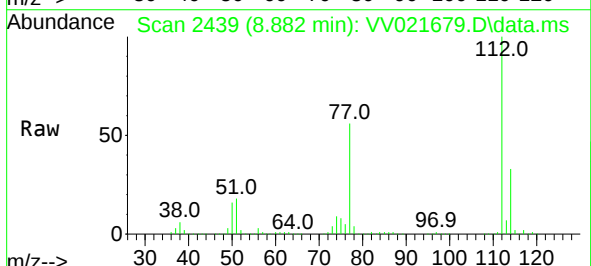
Tgt Ion:112 Resp: 798221

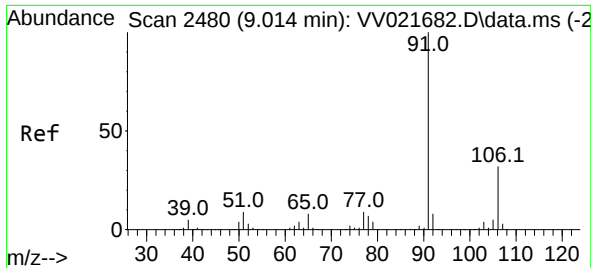
Ion Ratio Lower Upper

112 100

114 32.8 22.5 41.9

77 56.3 45.0 67.6

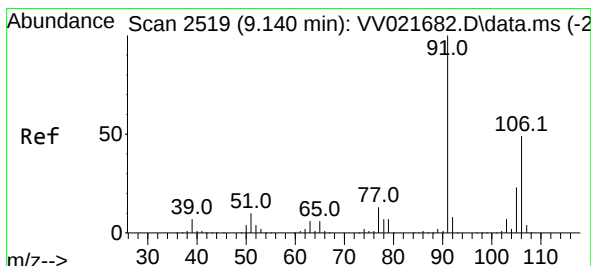
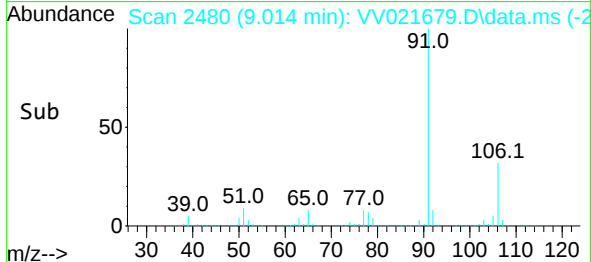
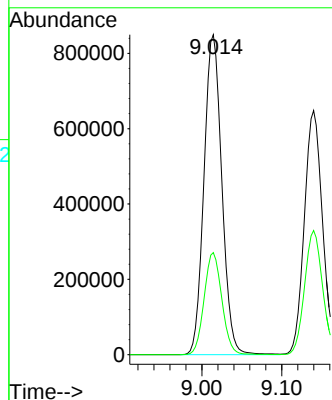
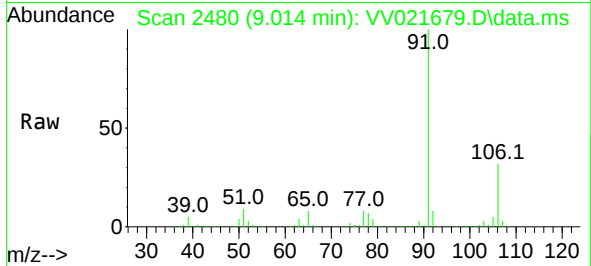




#52
Ethylbenzene
Concen: 91.996 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

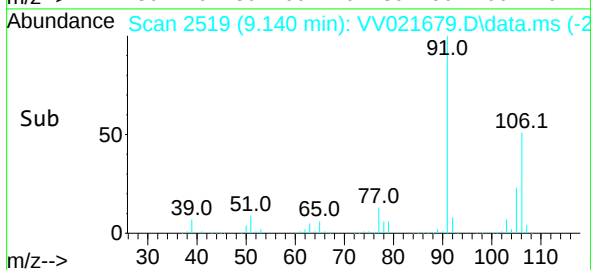
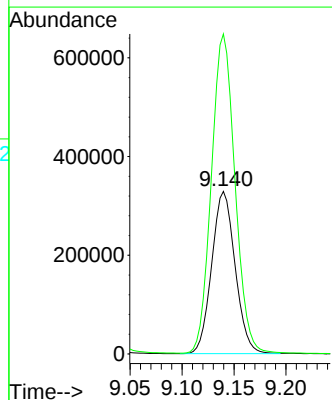
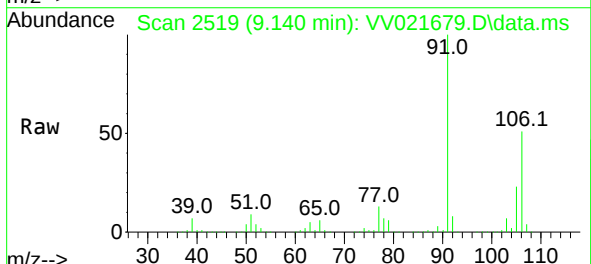
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

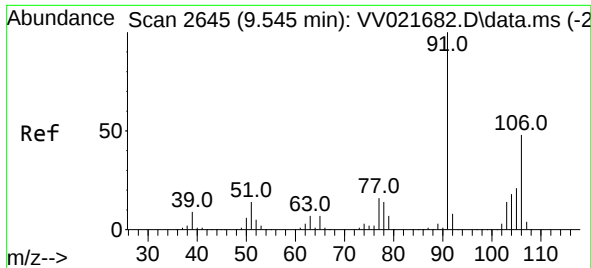
Tgt Ion: 91 Resp: 1322819
Ion Ratio Lower Upper
91 100
106 31.9 22.1 41.1



#53
m,p-Xylene
Concen: 93.256 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 106 Resp: 514666
Ion Ratio Lower Upper
106 100
91 196.8 142.0 263.6

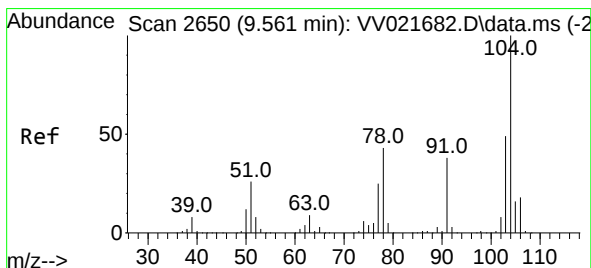
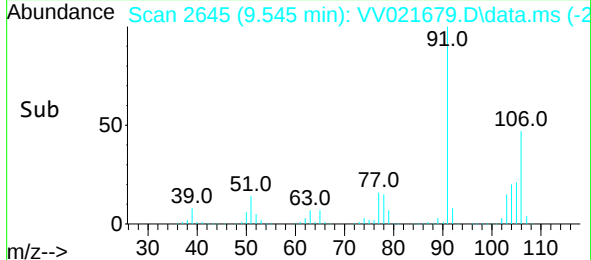
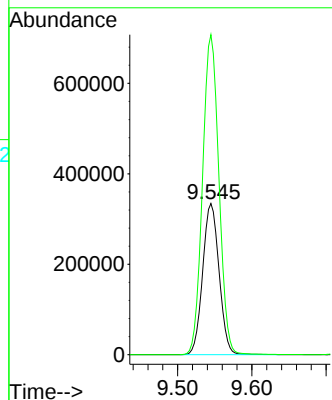
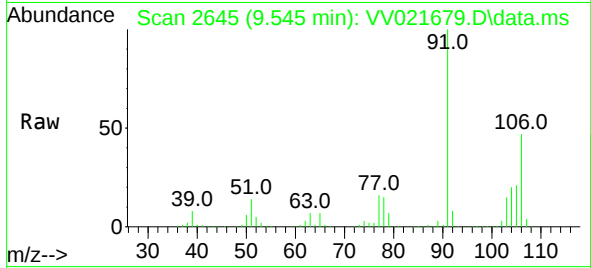




#54
o-Xylene
Concen: 92.887 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

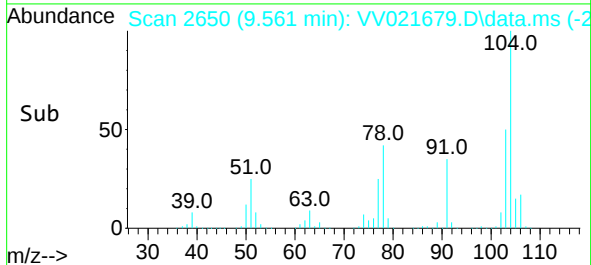
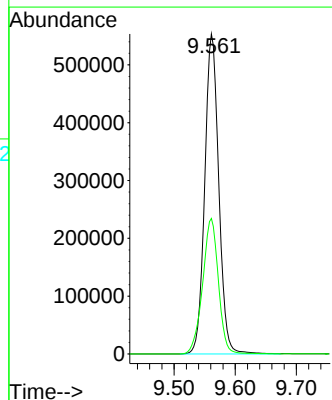
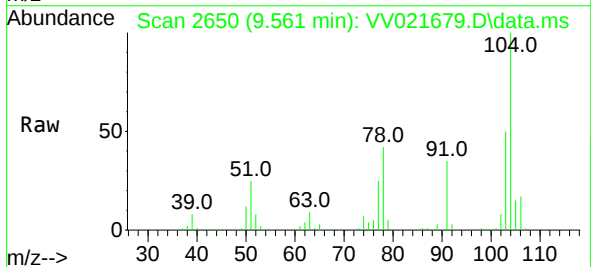
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

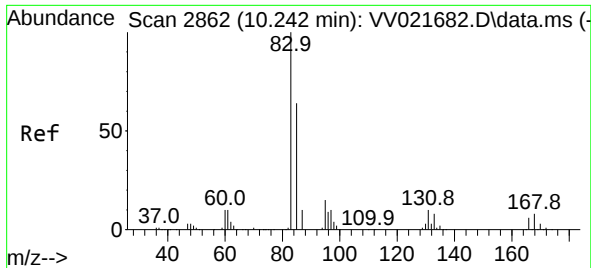
Tgt Ion:106 Resp: 511705
Ion Ratio Lower Upper
106 100
91 211.6 146.8 272.6



#55
Styrene
Concen: 94.703 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:104 Resp: 882927
Ion Ratio Lower Upper
104 100
78 42.4 30.1 55.9

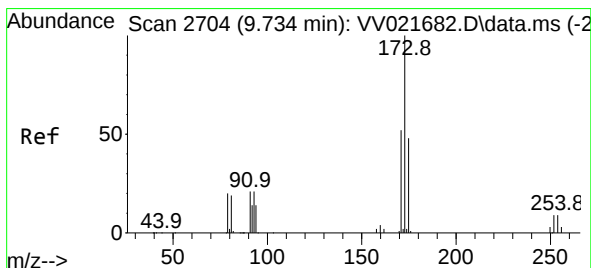
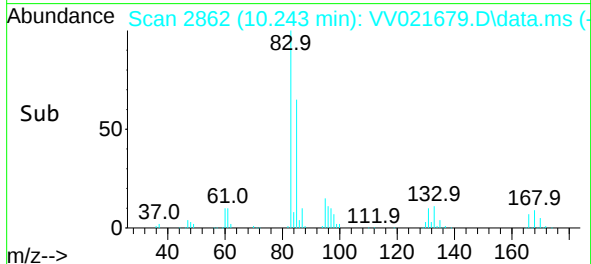
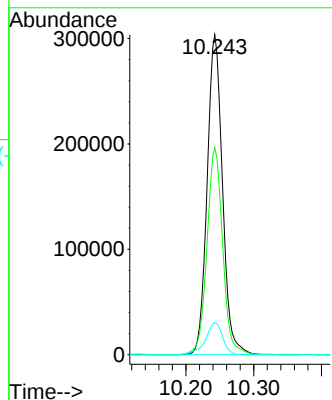
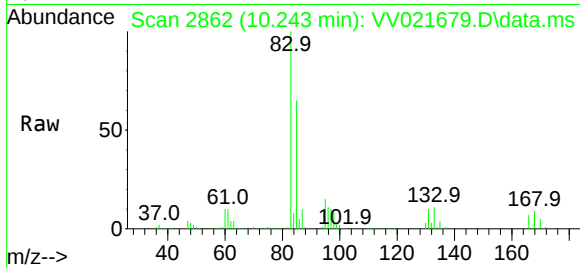




#57
1,1,2,2-Tetrachloroethane
Concen: 96.782 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

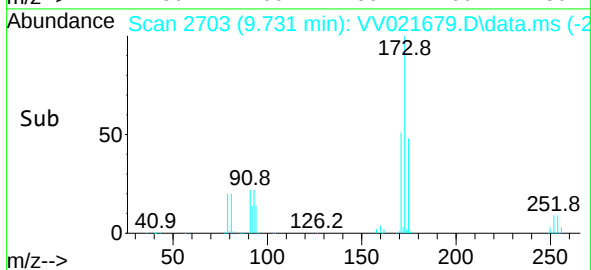
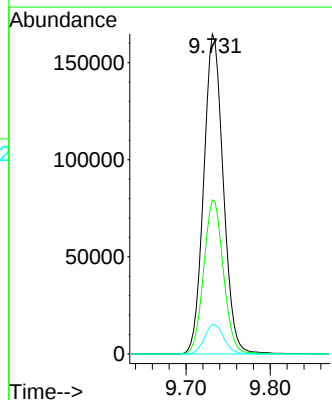
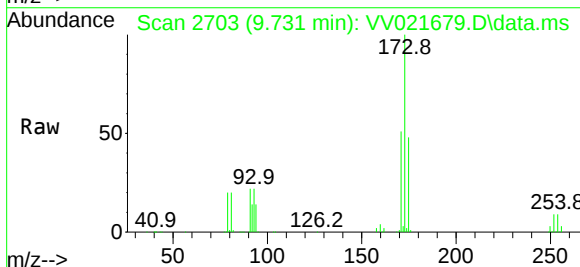
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

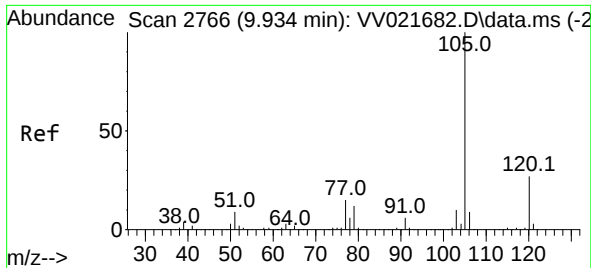
Tgt Ion: 83 Resp: 477170
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
131 10.1 8.2 12.2



#59
Bromoform
Concen: 98.584 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 173 Resp: 266711
Ion Ratio Lower Upper
173 100
175 48.5 38.3 57.5
254 9.2 7.0 10.4

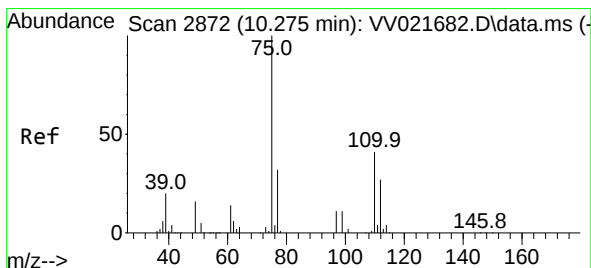
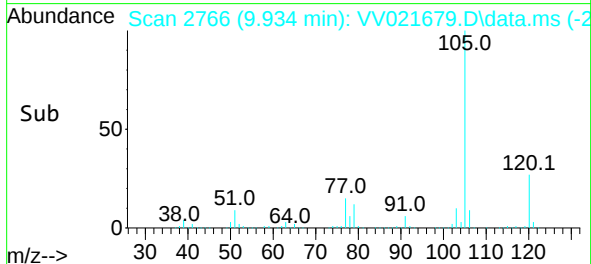
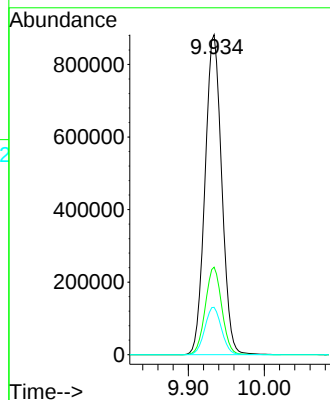
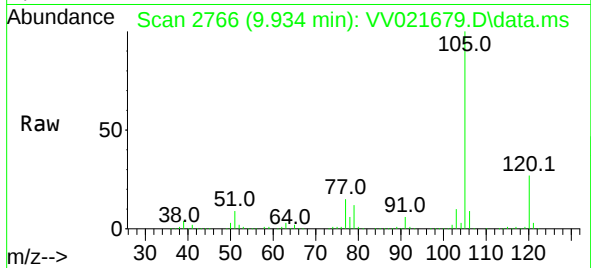




#60
Isopropylbenzene
Concen: 93.412 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

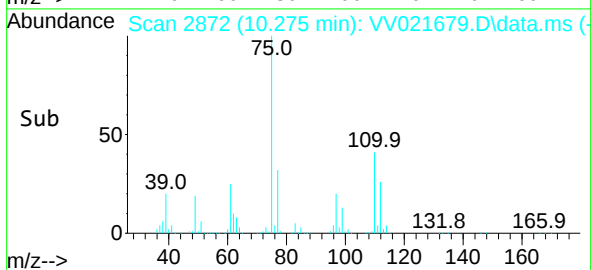
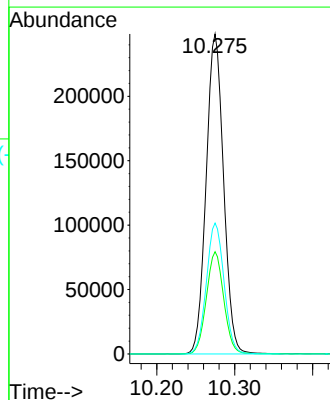
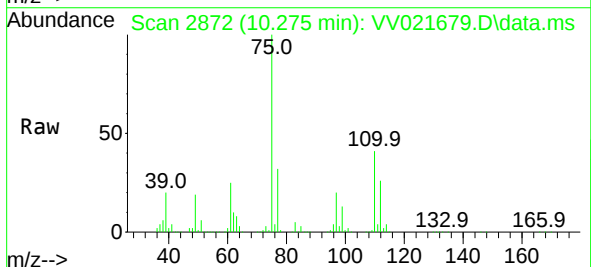
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

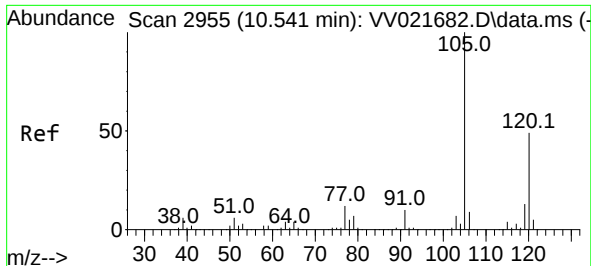
Tgt Ion:105 Resp: 1345728
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 94.289 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion: 75 Resp: 385798
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
110 41.5 32.9 49.3

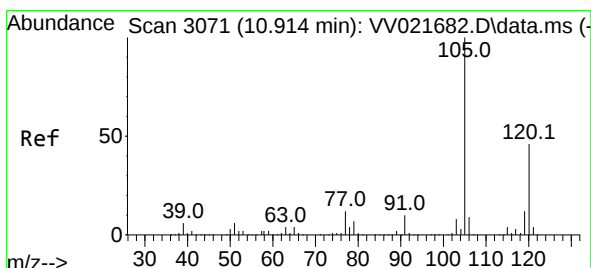
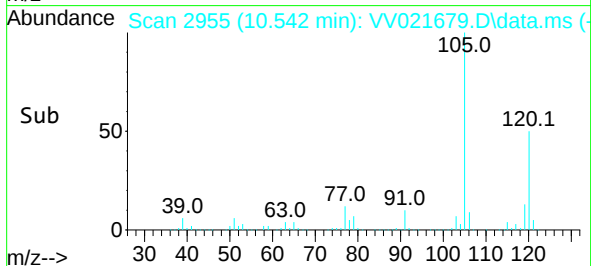
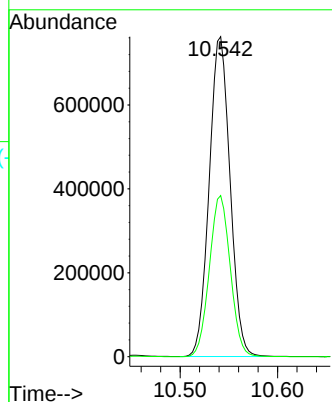
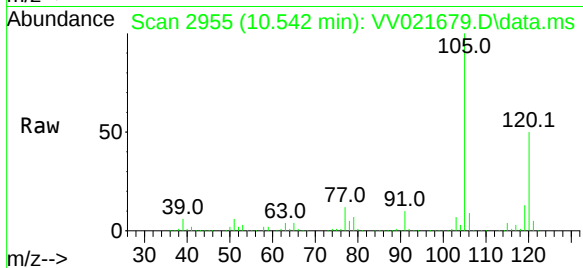




#62
1,3,5-Trimethylbenzene
Concen: 92.435 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

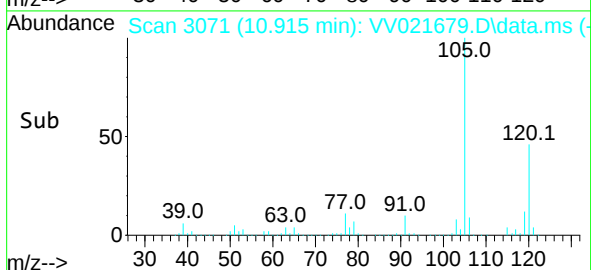
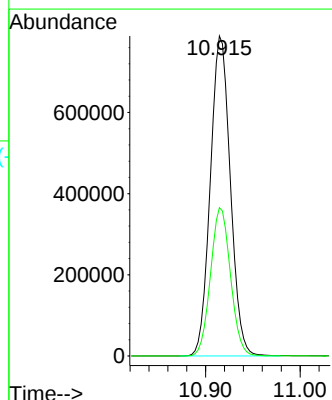
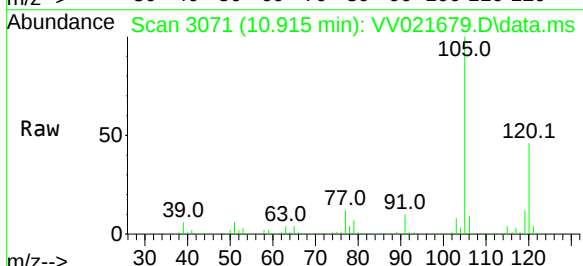
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

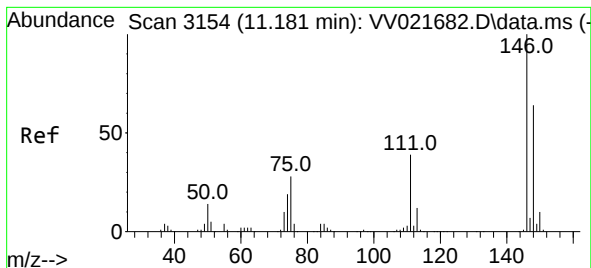
Tgt Ion:105 Resp: 1134447
Ion Ratio Lower Upper
105 100
120 50.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 93.414 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:105 Resp: 1158498
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4

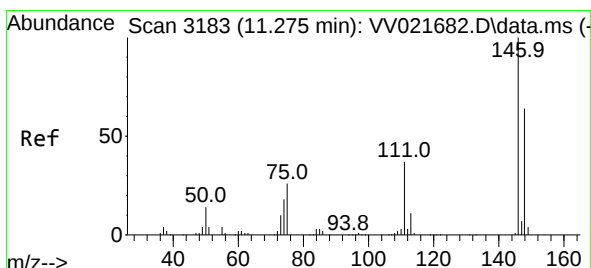
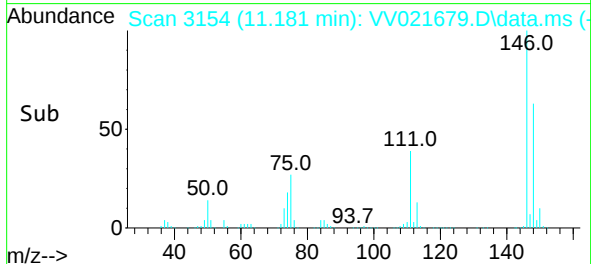
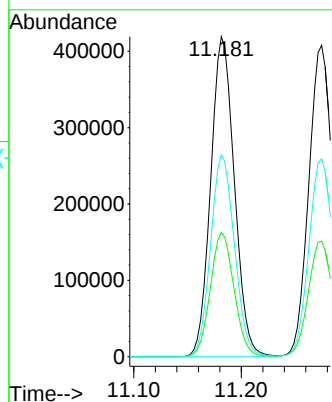
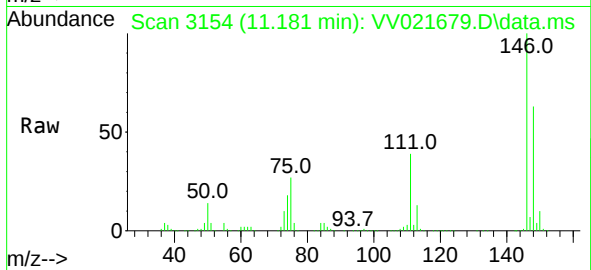




#64
1,3-Dichlorobenzene
Concen: 94.611 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

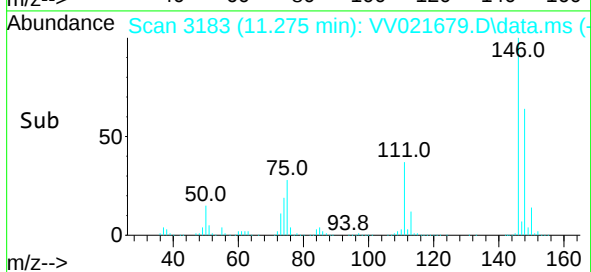
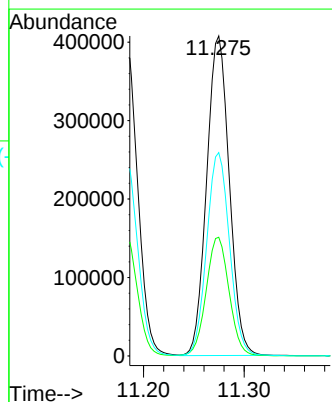
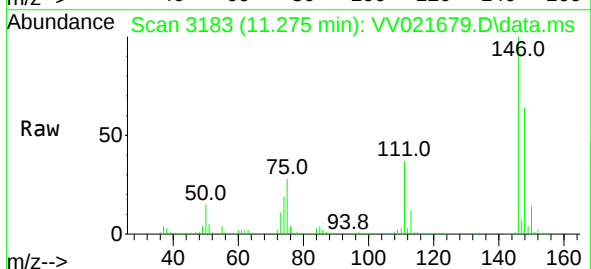
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

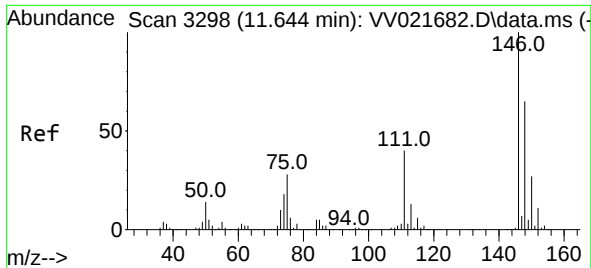
Tgt Ion:146 Resp: 641305
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.6
148 63.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 93.763 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:146 Resp: 636588
Ion Ratio Lower Upper
146 100
111 37.1 26.1 48.5
148 63.6 44.8 83.2

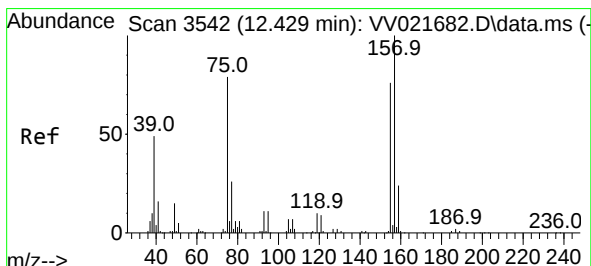
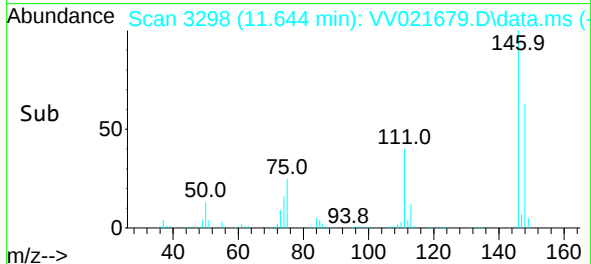
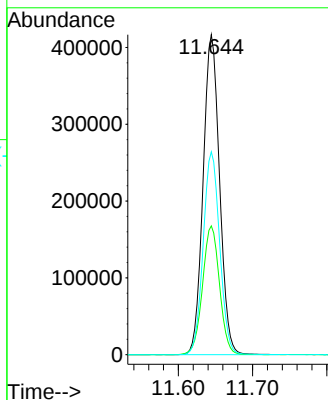
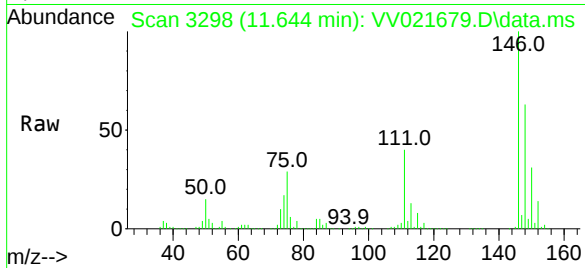




#67
1,2-Dichlorobenzene
Concen: 94.190 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

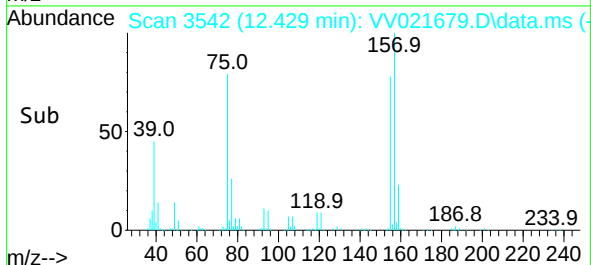
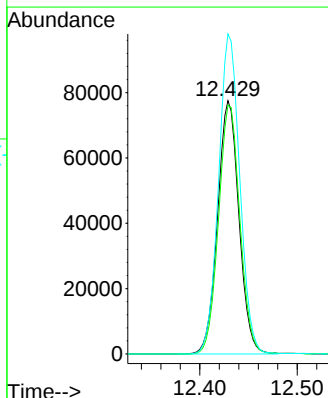
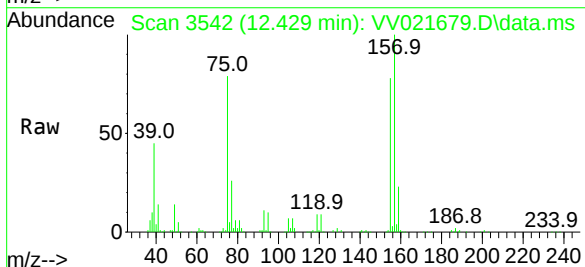
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

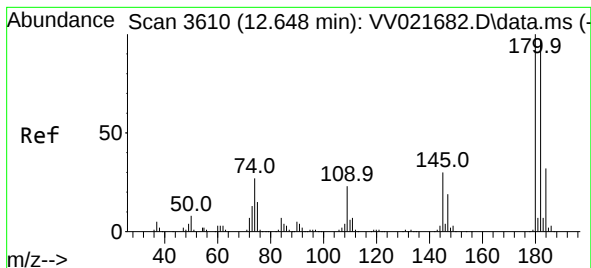
Tgt Ion:	146	Resp:	640935
Ion	Ratio	Lower	Upper
146	100		
111	40.2	32.1	48.1
148	63.4	51.6	77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 99.174 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:	75	Resp:	118277
Ion	Ratio	Lower	Upper
75	100		
155	98.3	77.0	115.4
157	126.3	100.7	151.1

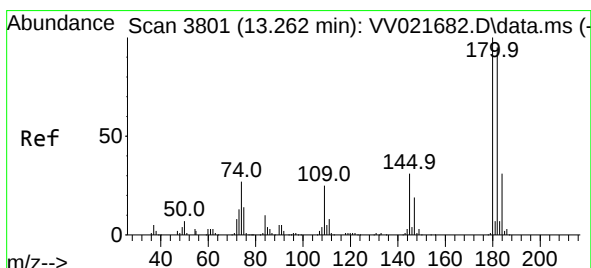
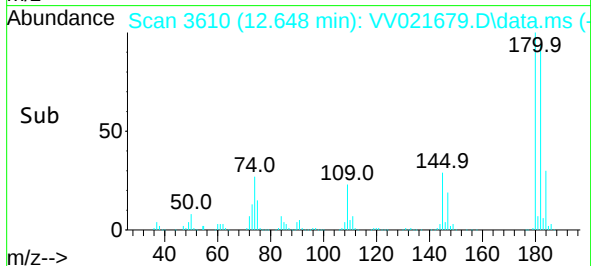
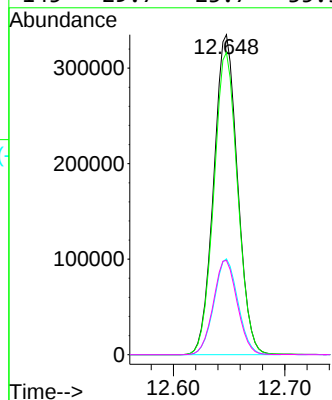
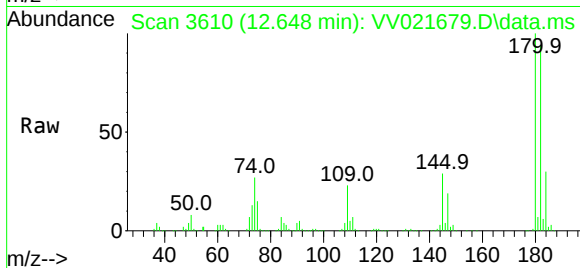




#69
 1,3,5-Trichlorobenzene
 Concen: 98.295 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV021679.D
 Acq: 19 Jul 2021 13:49

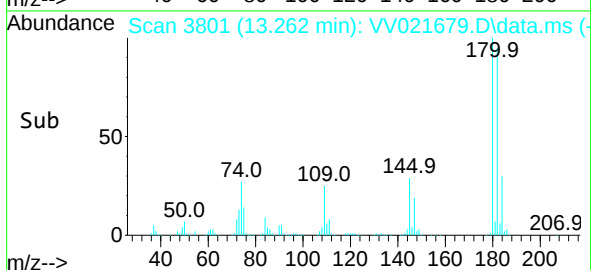
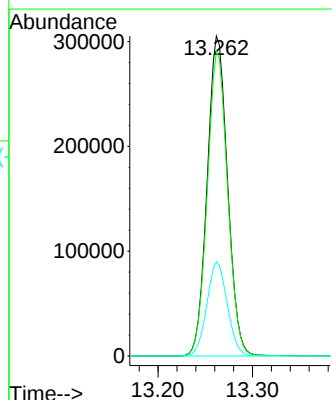
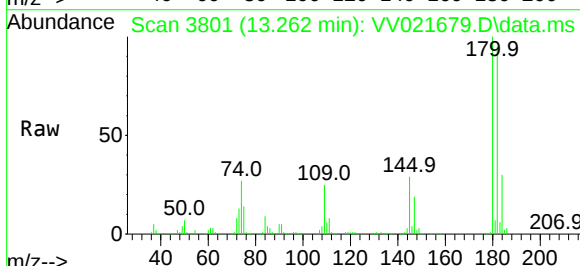
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

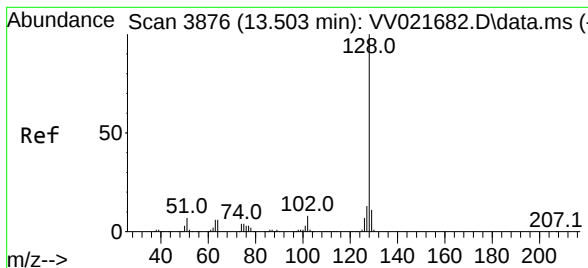
Tgt Ion:	180	Resp:	497257
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.9	113.9
184	30.2	24.9	37.3
145	29.7	23.7	35.5



#70
 1,2,4-trichlorobenzene
 Concen: 104.615 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV021679.D
 Acq: 19 Jul 2021 13:49

Tgt Ion:	180	Resp:	456485
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.7	115.1
145	29.6	24.5	36.7

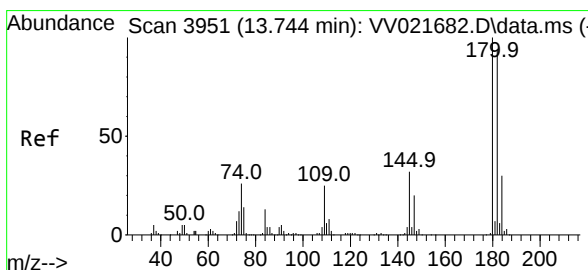
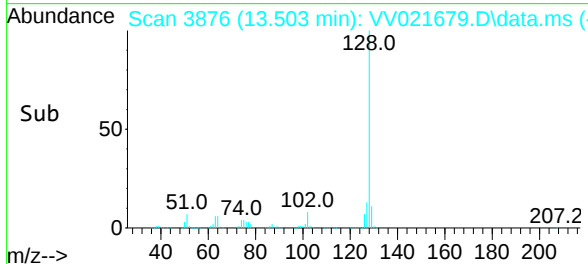
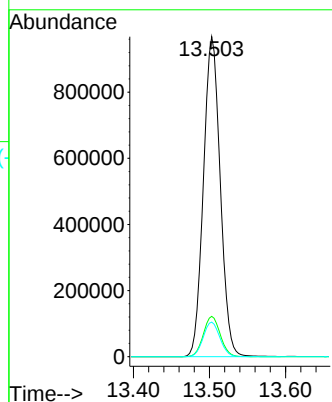
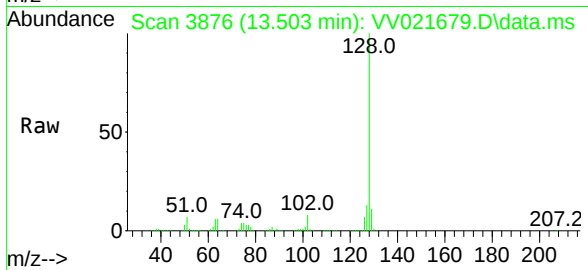




#71
Naphthalene
Concen: 111.734 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

Tgt Ion:128 Resp: 1486484
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 106.571 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021679.D
Acq: 19 Jul 2021 13:49

Tgt Ion:180 Resp: 462306
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.8
145 31.9 25.5 38.3

