

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021709.D
 Acq On : 02 Aug 2021 09:32
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005232

Quant Time: Aug 03 01:14:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	368745	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	343342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	171992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	11607	4.527	ug/L	0.00
7) Chloroethane-d5	1.558	69	9632	5.345	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	20664	4.766	ug/L	0.00
21) 2-Butanone-d5	3.892	46	16541	8.226	ug/L	0.02
24) Chloroform-d	4.349	84	23313	4.707	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	14463	4.935	ug/L	0.00
32) Benzene-d6	5.050	84	46491	4.630	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	14884	4.744	ug/L	0.00
41) Toluene-d8	7.317	98	42899	4.627	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	7085	4.522	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	9555	6.739	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17434	4.186	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	17197	4.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	12984	4.911	ug/L	97
3) Chloromethane	1.240	50	12402	4.959	ug/L	96
5) Vinyl chloride	1.310	62	12827	4.948	ug/L	99
6) Bromomethane	1.510	94	7825	5.843	ug/L	99
8) Chloroethane	1.577	64	7764	5.209	ug/L	96
9) Trichlorofluoromethane	1.748	101	18387	4.978	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	10370	4.958	ug/L	97
12) 1,1-Dichloroethene	2.114	96	9509	4.899	ug/L	91
13) Acetone	2.156	43	17459	13.477	ug/L	99
14) Carbon disulfide	2.291	76	25350	4.425	ug/L	96
15) Methyl Acetate	2.429	43	13032	4.653	ug/L	100
16) Methylene chloride	2.503	84	13483	4.832	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	10897	4.727	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	37756	4.801	ug/L	95
19) 1,1-Dichloroethane	3.188	63	21045	4.803	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	12673	4.728	ug/L	98
23) Bromochloromethane	4.252	128	7167	5.042	ug/L	92
25) Chloroform	4.375	83	22681	5.005	ug/L	97
27) 1,2-Dichloroethane	5.133	62	15599	4.789	ug/L	96
29) Cyclohexane	4.670	56	17536	4.684	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	19167	4.728	ug/L	98
31) Carbon tetrachloride	4.825	117	16453	4.713	ug/L	100
33) Benzene	5.101	78	44743	4.613	ug/L	100
34) Trichloroethene	5.918	95	14077	5.325	ug/L	98
35) Methylcyclohexane	6.130	83	17069	4.374	ug/L	97
37) 1,2-Dichloropropane	6.175	63	12636	4.983	ug/L	# 93
38) Bromodichloromethane	6.513	83	16117	4.667	ug/L	93
39) cis-1,3-Dichloropropene	7.034	75	17550	4.295	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	32858	8.791	ug/L	98
42) Toluene	7.391	91	48827	4.665	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	17391	4.485	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	12076	4.700	ug/L	99

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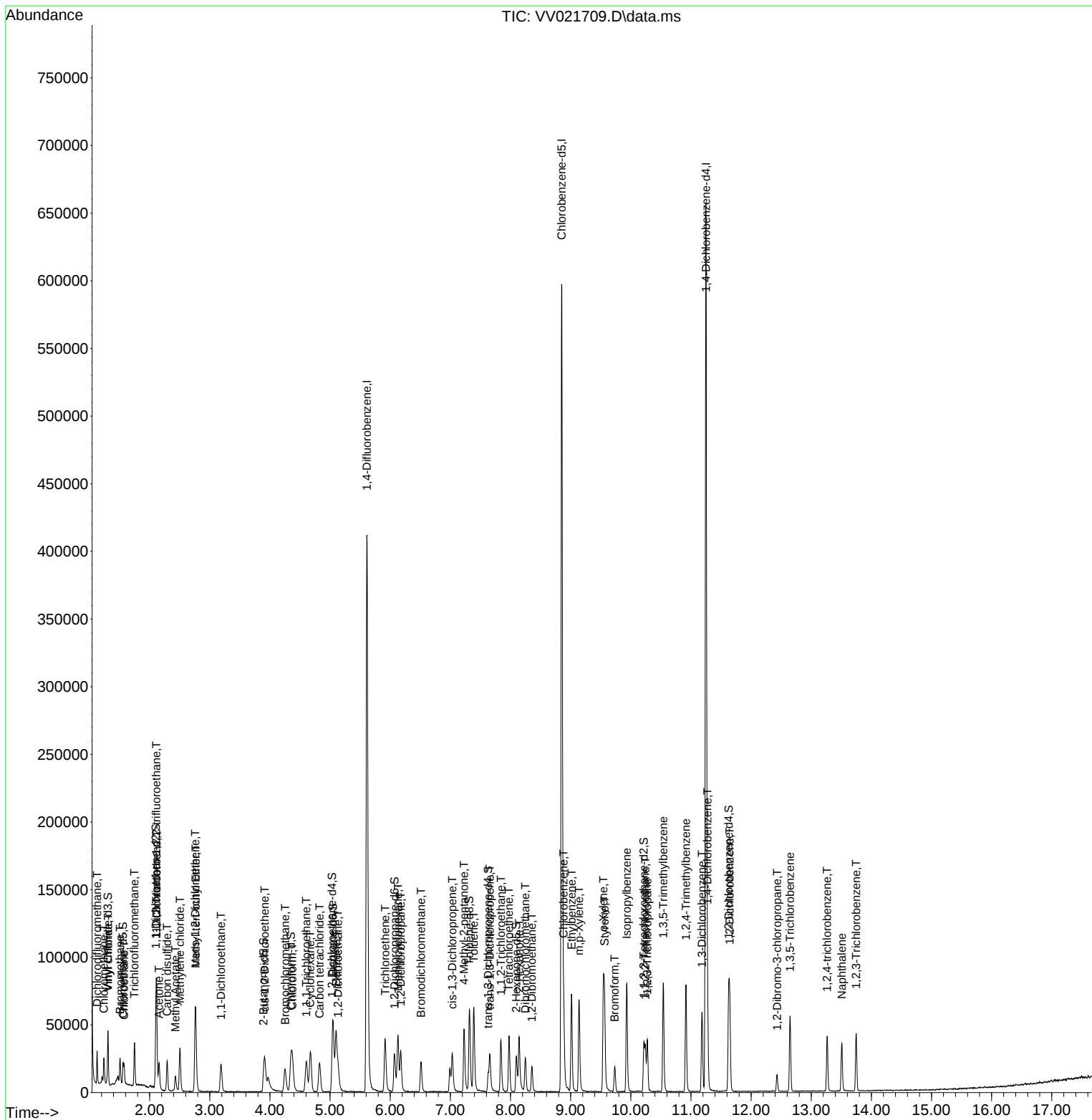
Quant Time: Aug 03 01:14:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

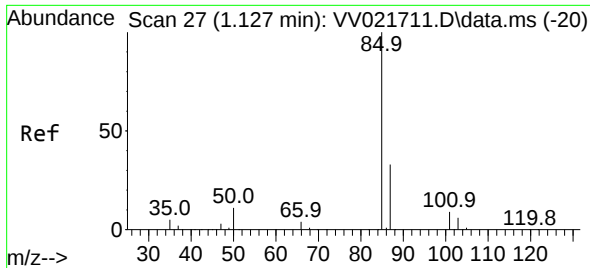
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	7.976	164	9851	4.822	ug/L	92
48) 2-Hexanone	8.143	43	26820	9.368	ug/L	98
49) Dibromochloromethane	8.246	129	13554	4.663	ug/L	100
50) 1,2-Dibromoethane	8.355	107	12866	4.697	ug/L #	91
51) Chlorobenzene	8.882	112	33140	4.813	ug/L	99
52) Ethylbenzene	9.014	91	52189	4.645	ug/L	98
53) m,p-Xylene	9.140	106	20455	4.697	ug/L	98
54) o-Xylene	9.545	106	20251	4.625	ug/L	96
55) Styrene	9.564	104	32795	4.445	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	16315	4.157	ug/L	96
59) Bromoform	9.731	173	8871	4.201	ug/L	96
60) Isopropylbenzene	9.934	105	54260	4.897	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	15092	4.756	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	43991	4.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	44854	4.739	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	25306	4.809	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	25852	4.900	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	25960	4.862	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	3003	3.442	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	17799	4.562	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	13133	3.842	ug/L	95
71) Naphthalene	13.509	128	29046	2.774	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	13018	3.759	ug/L	95

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

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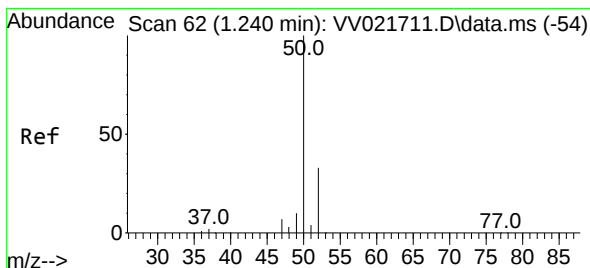
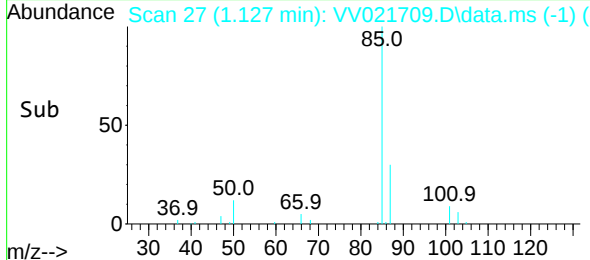
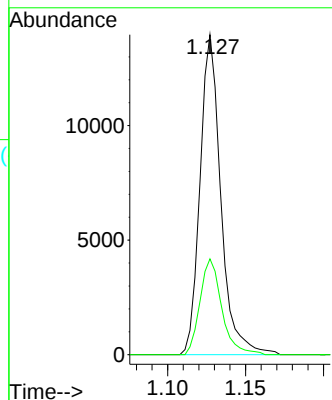
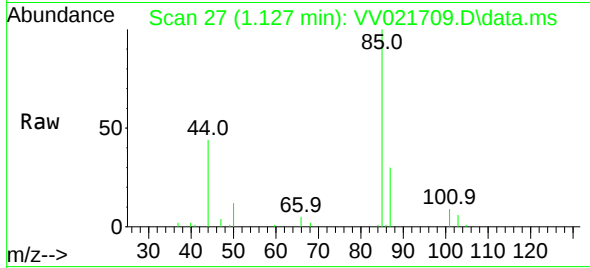




#2
 Dichlorodifluoromethane
 Concen: 4.911 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

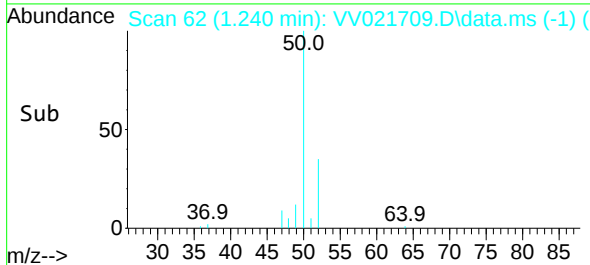
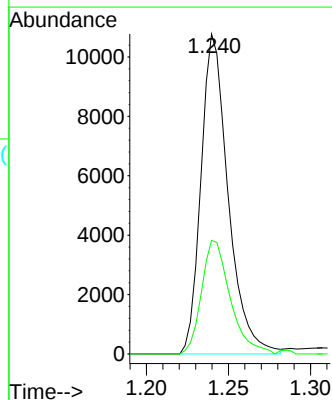
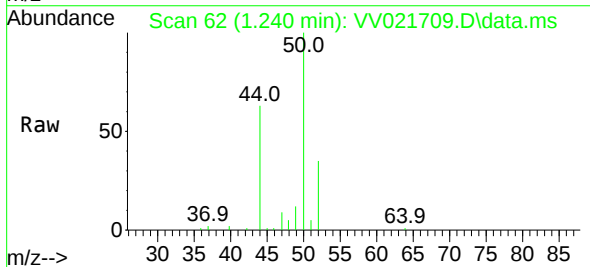
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005232

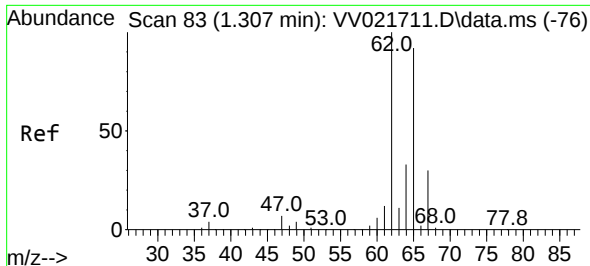
Tgt Ion: 85 Resp: 12984
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.2 39.4



#3
 Chloromethane
 Concen: 4.959 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

Tgt Ion: 50 Resp: 12402
 Ion Ratio Lower Upper
 50 100
 52 35.5 23.1 42.9

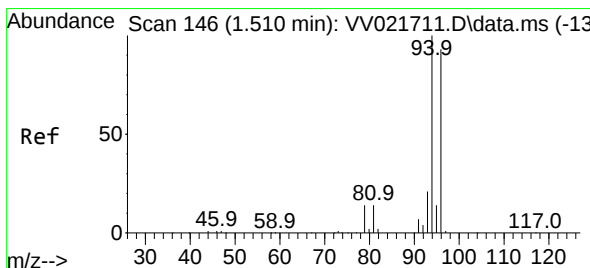
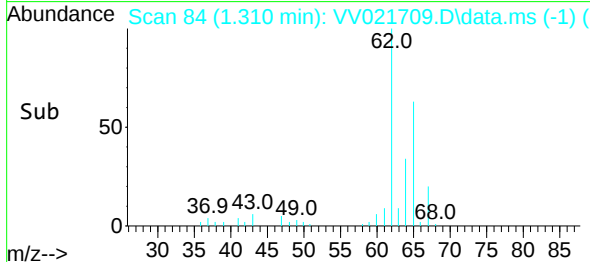
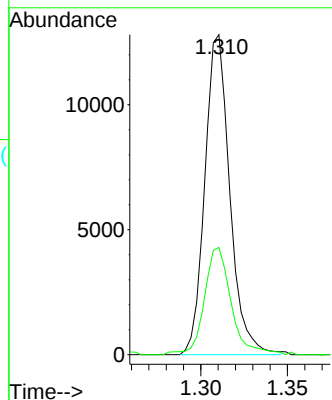
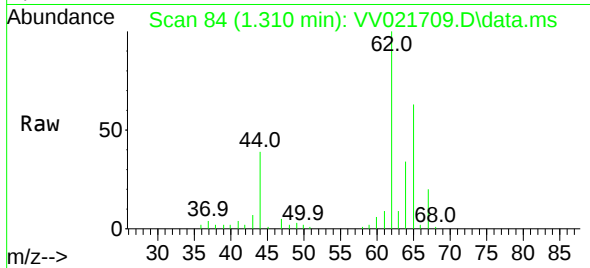




#5
 Vinyl chloride
 Concen: 4.948 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

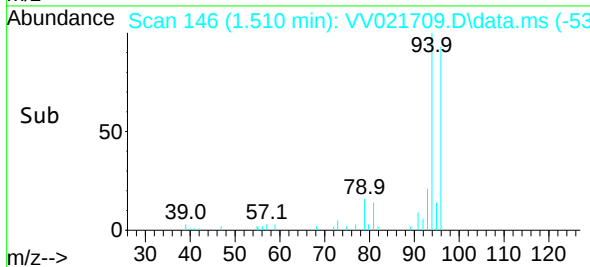
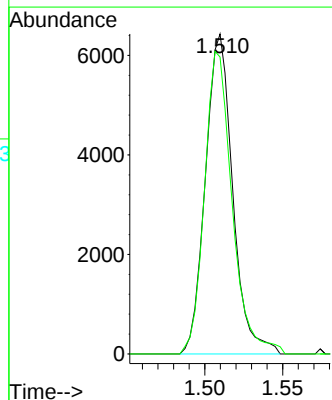
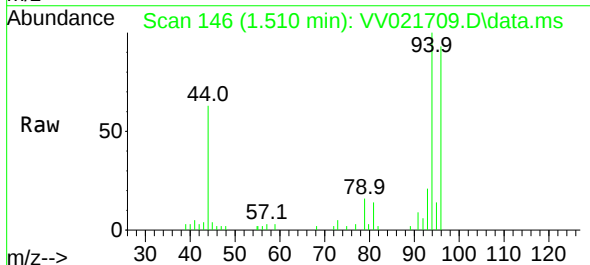
Instrument :
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 ClientSampled :
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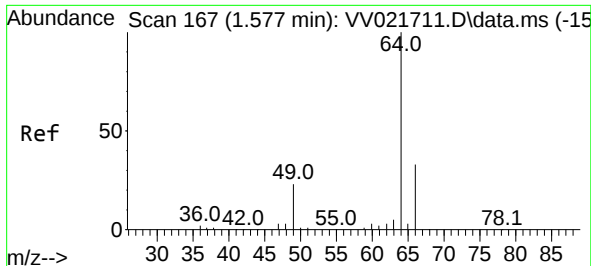
Tgt Ion: 62 Resp: 12827
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.843 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

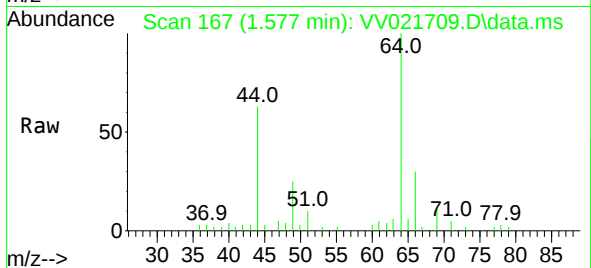
Tgt Ion: 94 Resp: 7825
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.4 121.4



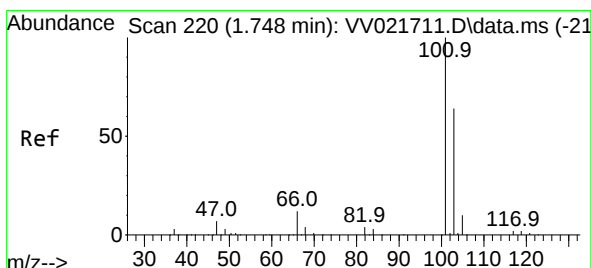
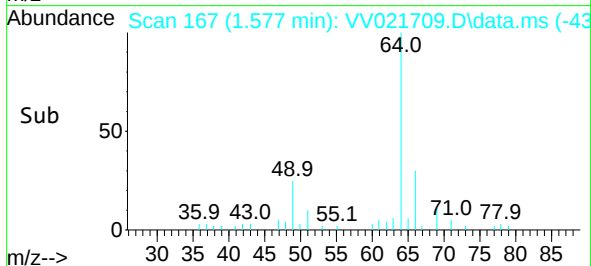
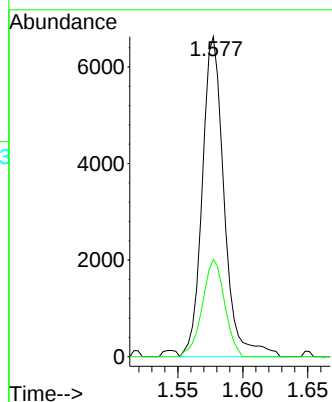


#8
Chloroethane
Concen: 5.209 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

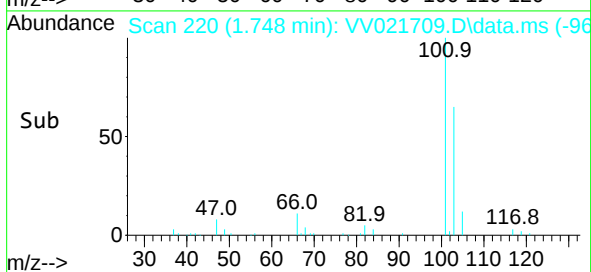
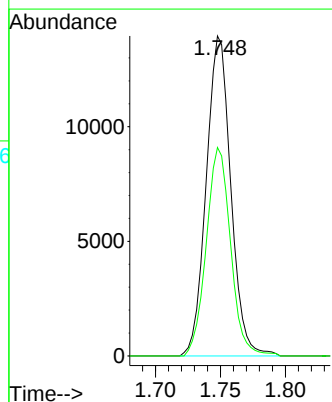
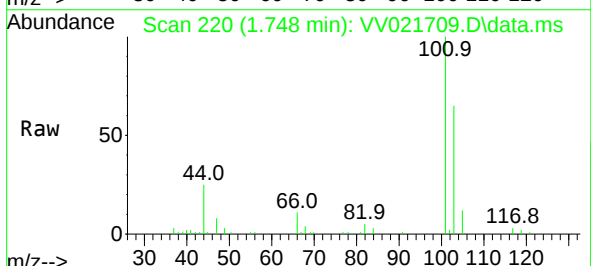


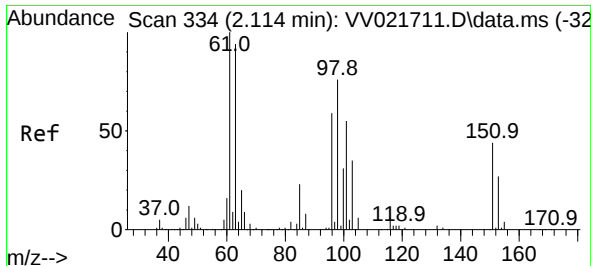
Tgt Ion: 64 Resp: 7764
Ion Ratio Lower Upper
64 100
66 30.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.978 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 101 Resp: 18387
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3





#10

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

Concen: 4.958 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV021709.D

Acq: 02 Aug 2021 09:32

Tgt Ion:101 Resp: 10370

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

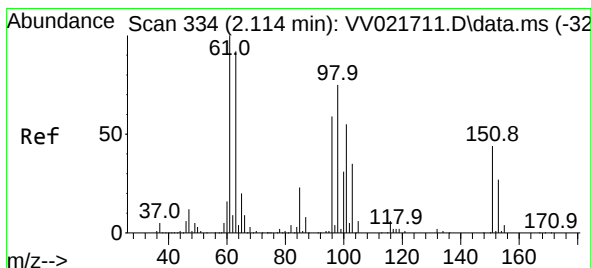
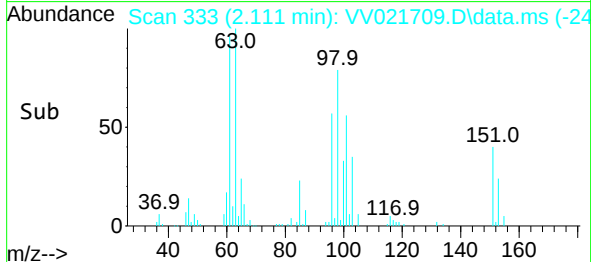
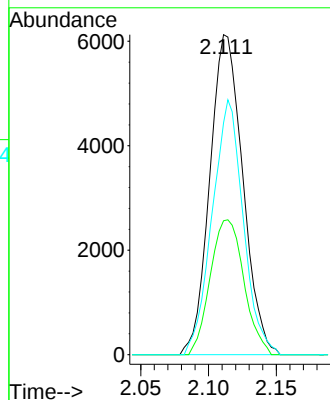
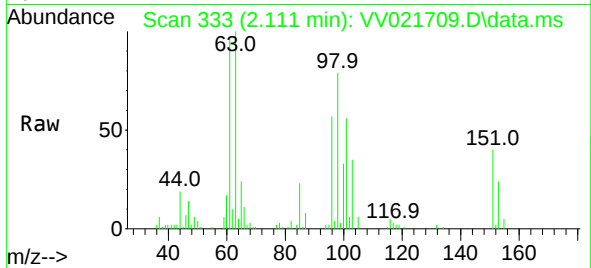
151 75.0 62.7 94.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD005232



#12

1,1-Dichloroethene

Concen: 4.899 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021709.D

Acq: 02 Aug 2021 09:32

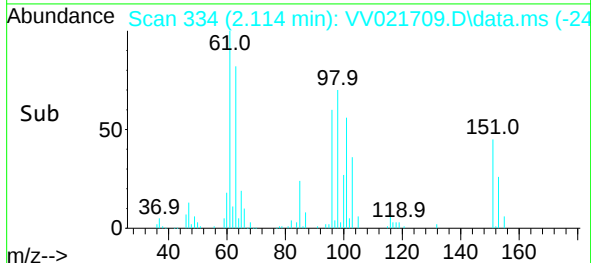
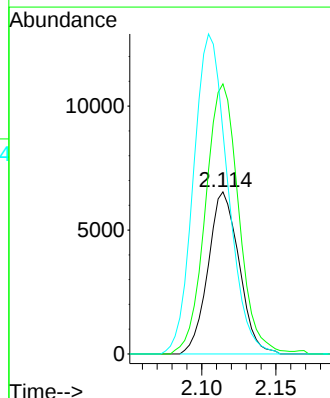
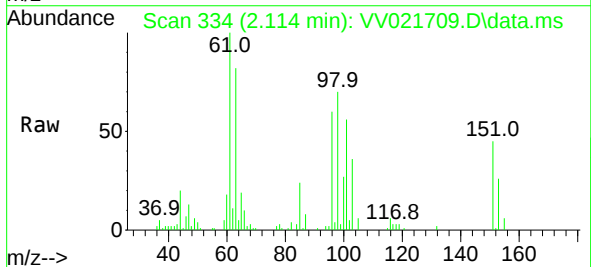
Tgt Ion: 96 Resp: 9509

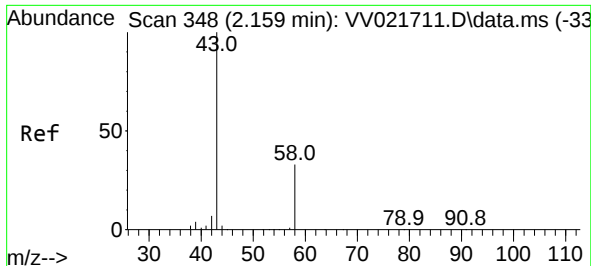
Ion Ratio Lower Upper

96 100

61 166.5 118.2 219.4

63 137.2 110.9 205.9

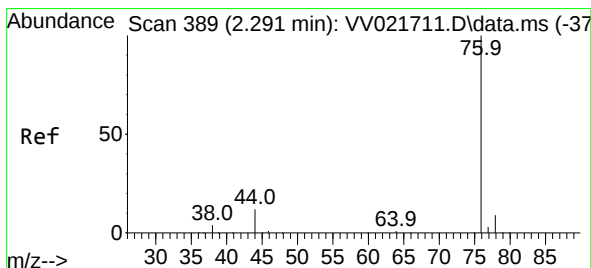
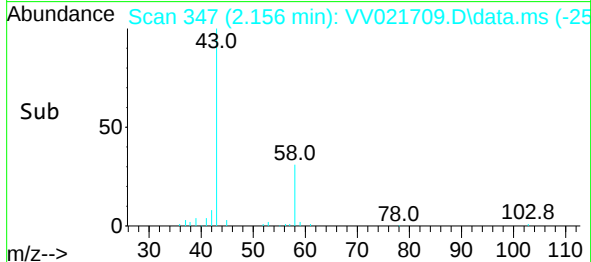
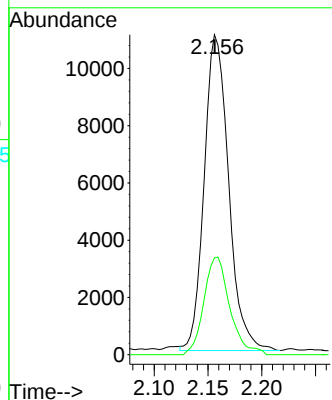
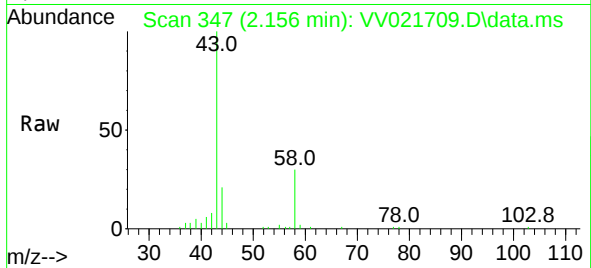




#13
Acetone
Concen: 13.477 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

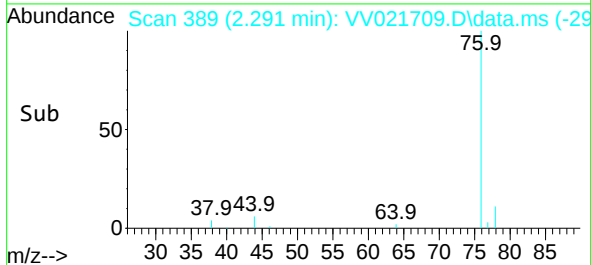
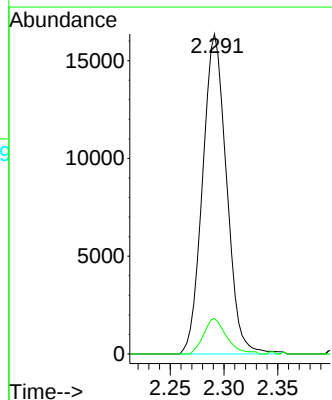
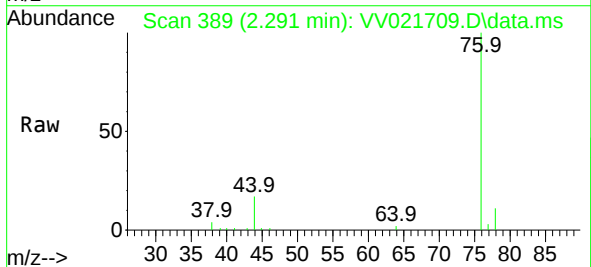
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VSTD005232

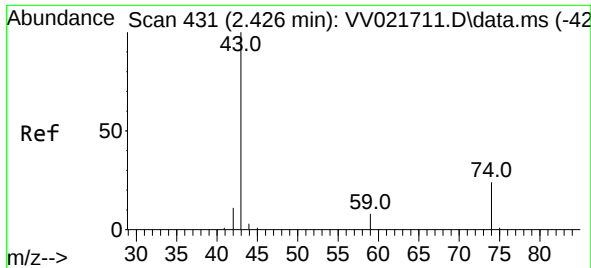
Tgt Ion: 43 Resp: 17459
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.2



#14
Carbon disulfide
Concen: 4.425 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 76 Resp: 25350
Ion Ratio Lower Upper
76 100
78 11.1 7.6 11.4

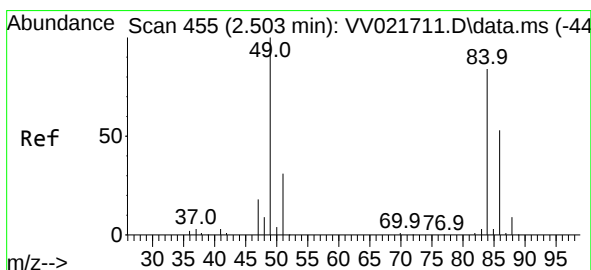
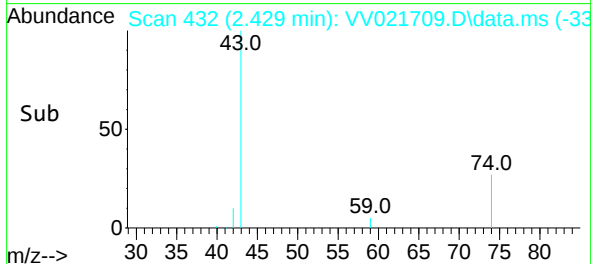
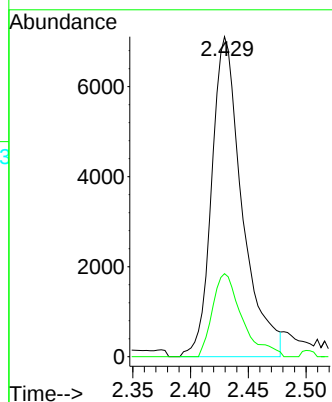
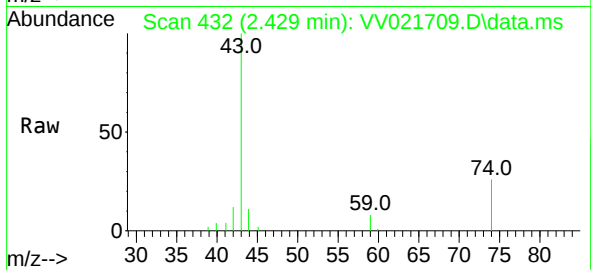




#15
Methyl Acetate
Concen: 4.653 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

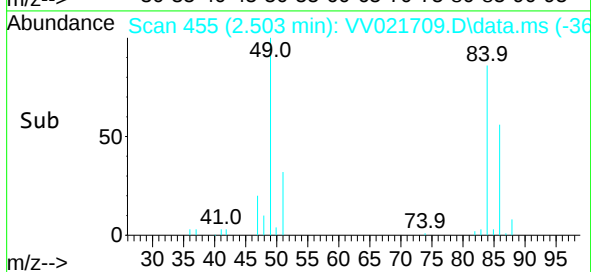
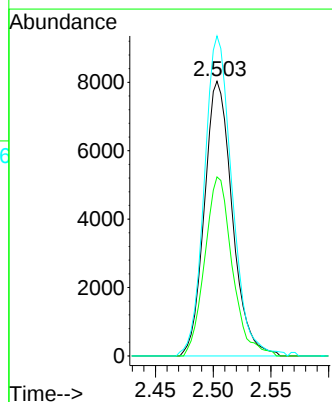
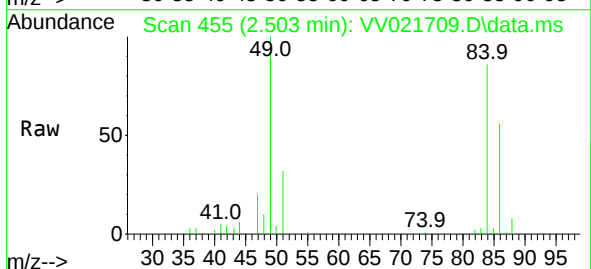
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

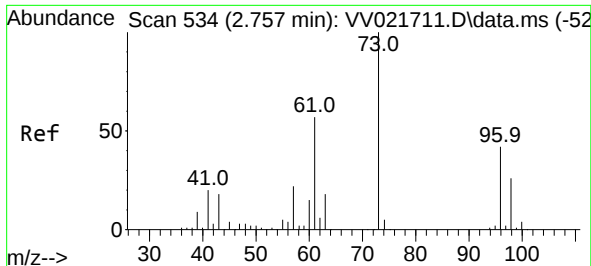
Tgt Ion: 43 Resp: 13032
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4



#16
Methylene chloride
Concen: 4.832 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 84 Resp: 13483
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.2
49 116.5 83.4 155.0

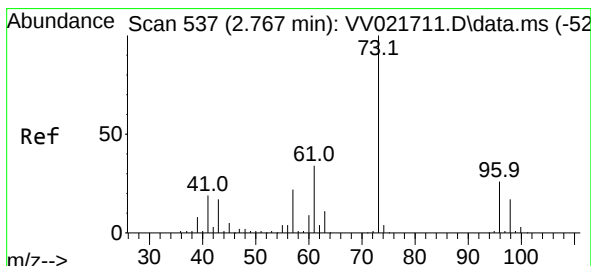
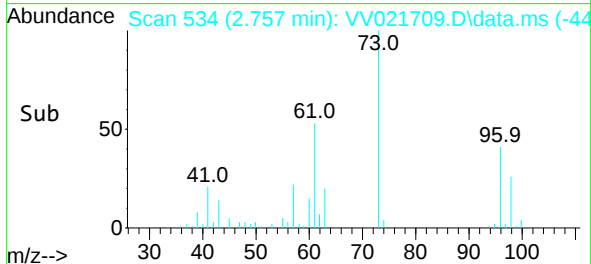
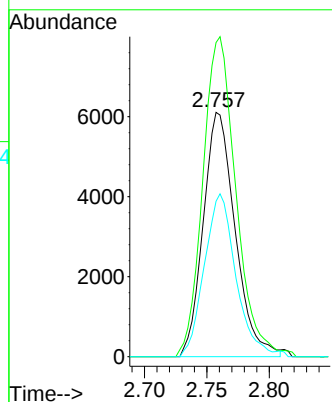
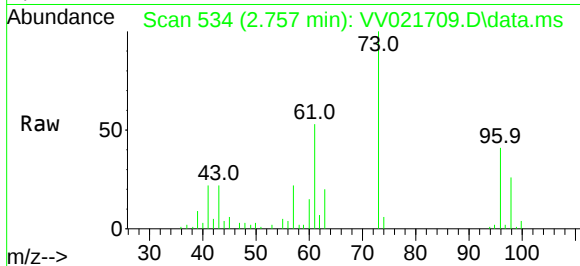




#17
 trans-1,2-Dichloroethene
 Concen: 4.727 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. -0.000 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

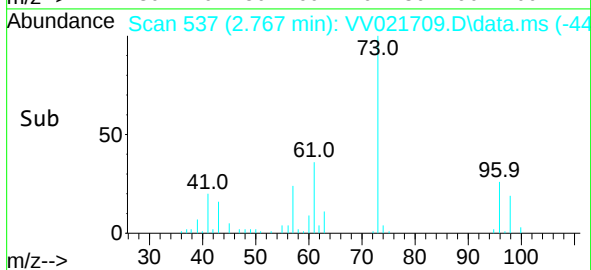
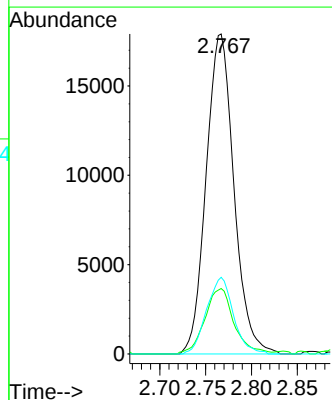
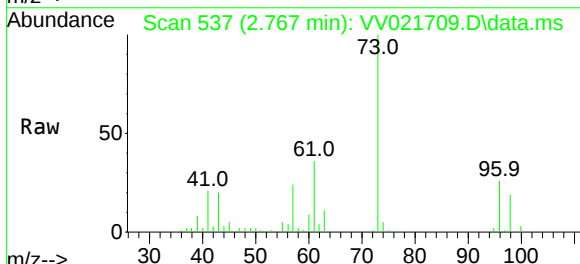
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005232

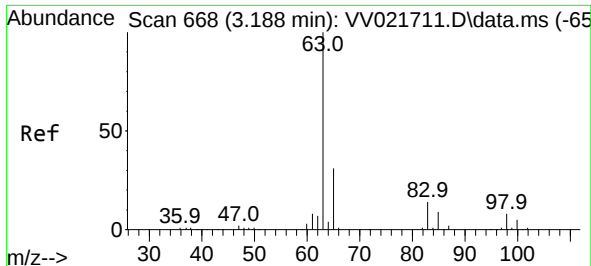
Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.5	95.1	176.7
98	63.6	43.8	81.3



#18
 Methyl tert-butyl Ether
 Concen: 4.801 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	14.3	21.5
57	23.0	17.7	26.5

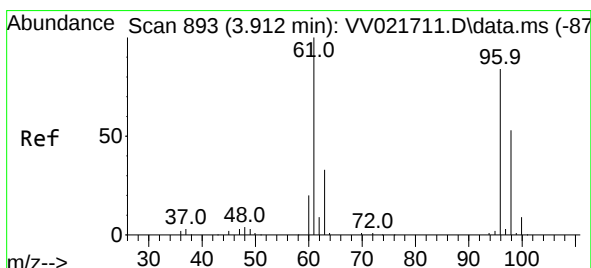
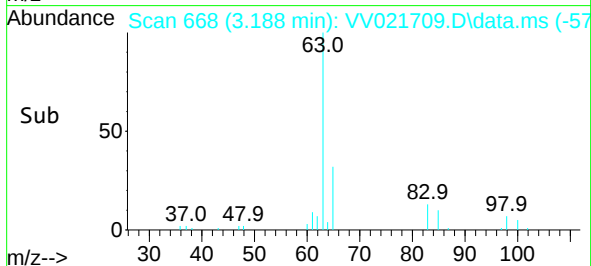
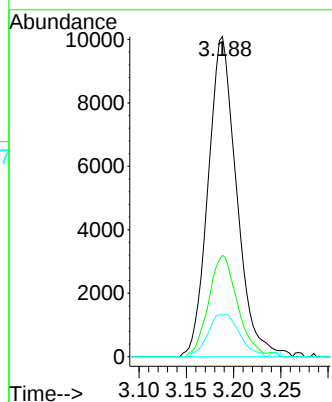
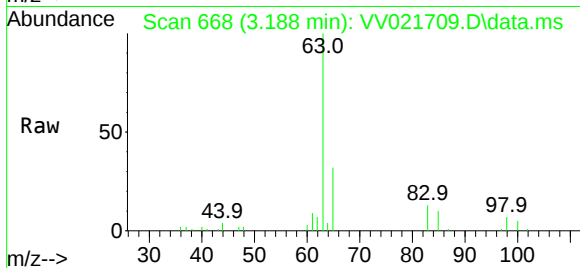




#19
1,1-Dichloroethane
Concen: 4.803 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

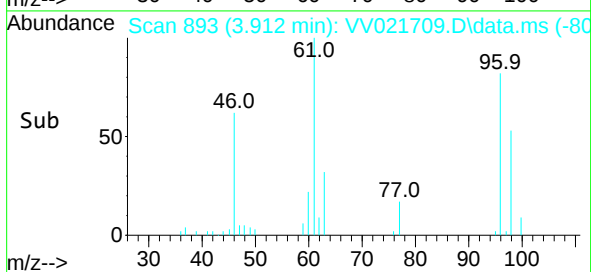
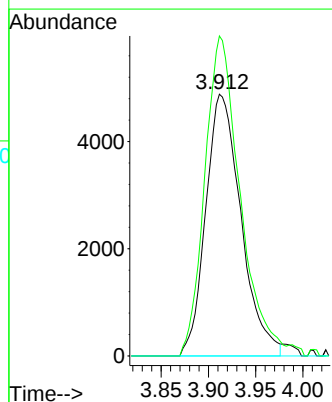
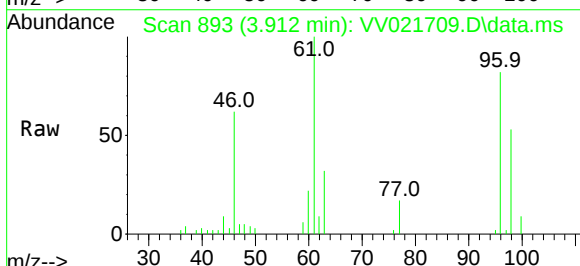
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

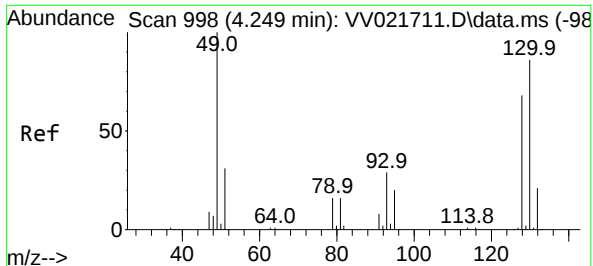
Tgt Ion:	63	Resp:	21045
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	41.0
83	13.0	9.7	18.1



#20
cis-1,2-Dichloroethene
Concen: 4.728 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:	96	Resp:	12673
Ion	Ratio	Lower	Upper
96	100		
61	122.3	84.1	156.3
68	0.0	0.0	0.0

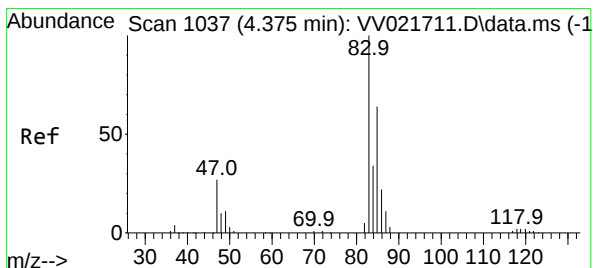
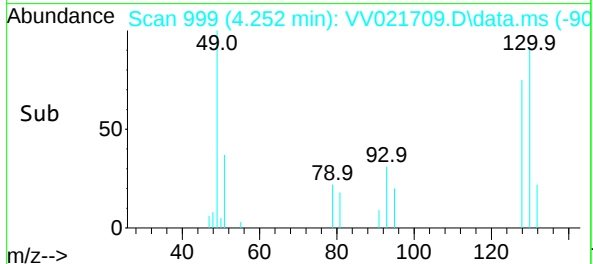
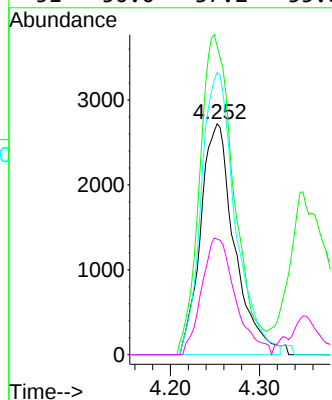
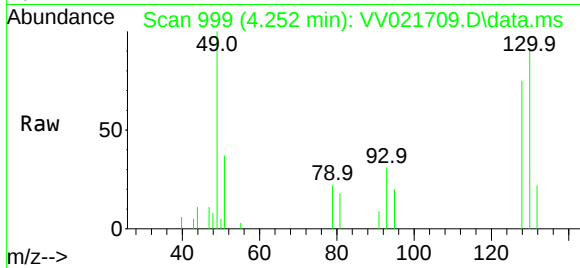




#23
Bromochloromethane
Concen: 5.042 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

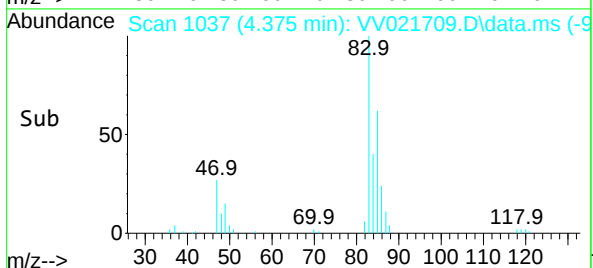
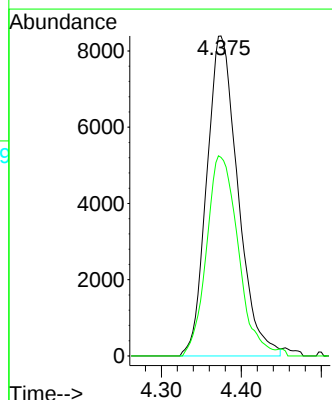
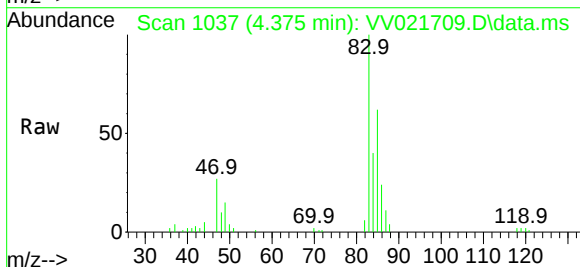
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

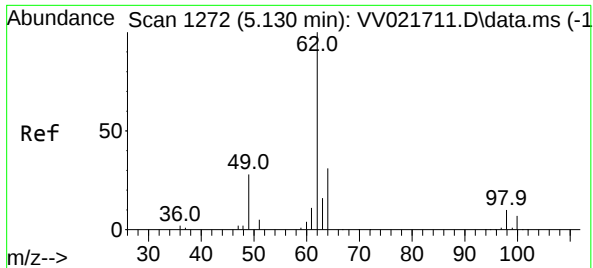
Tgt Ion:	128	Resp:	7167
Ion	Ratio	Lower	Upper
128	100		
49	133.8	103.6	192.4
130	122.2	88.8	165.0
51	50.0	37.2	55.8



#25
Chloroform
Concen: 5.005 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:	83	Resp:	22681
Ion	Ratio	Lower	Upper
83	100		
85	62.1	45.0	83.6

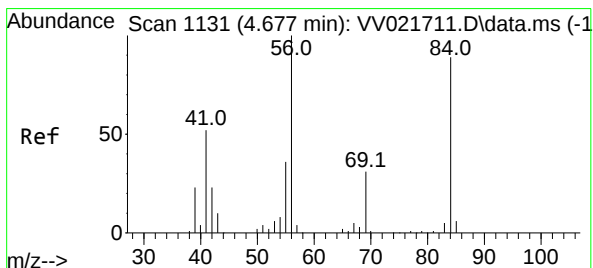
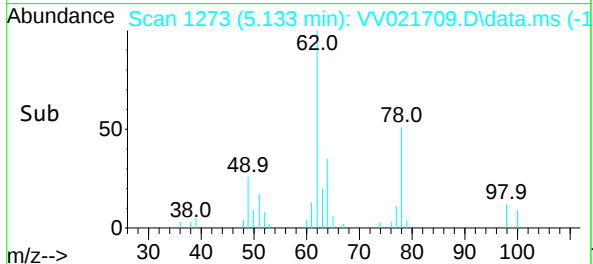
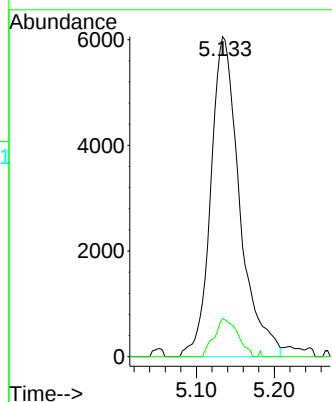
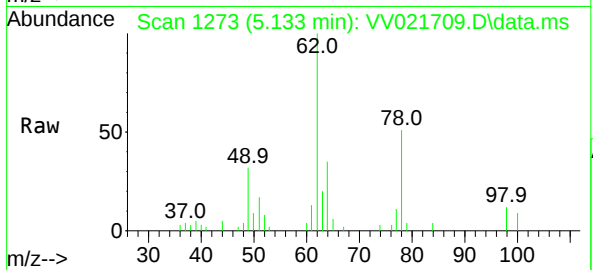




#27
1,2-Dichloroethane
Concen: 4.789 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

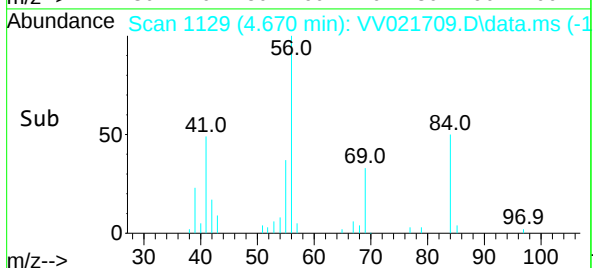
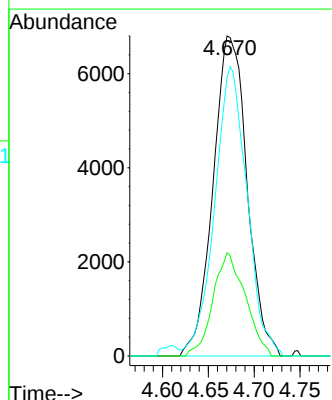
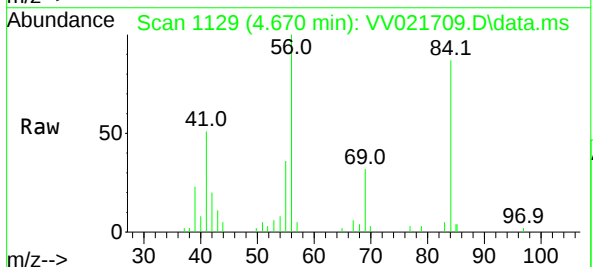
Instrument :
MSVOA_V
ClientSampled :
VSTD005232

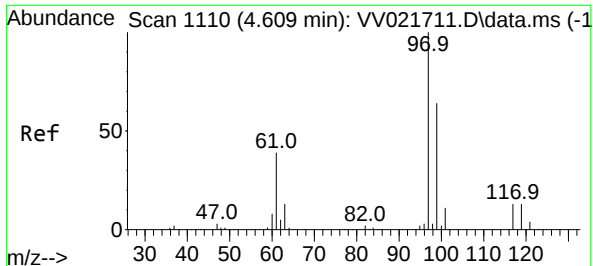
Tgt Ion: 62 Resp: 15599
Ion Ratio Lower Upper
62 100
98 11.9 8.3 12.5



#29
Cyclohexane
Concen: 4.684 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 56 Resp: 17536
Ion Ratio Lower Upper
56 100
69 30.5 25.1 37.7
84 86.3 71.7 107.5

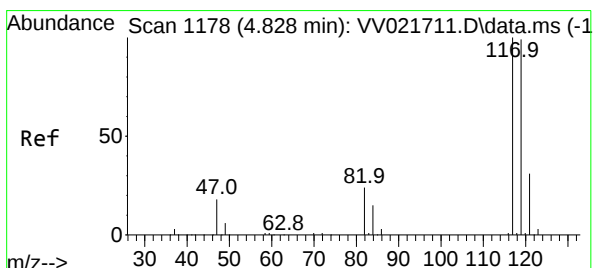
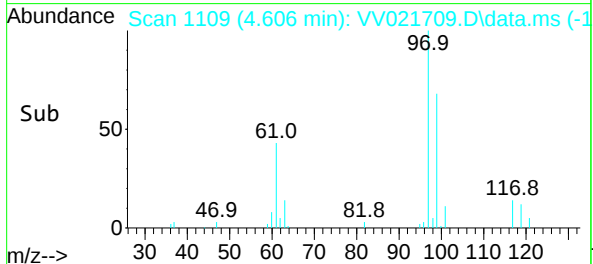
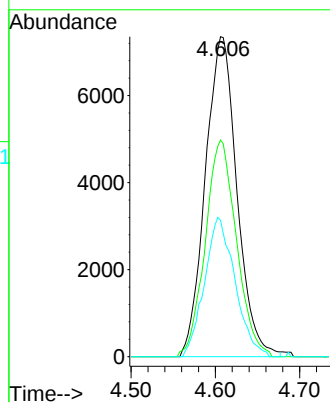
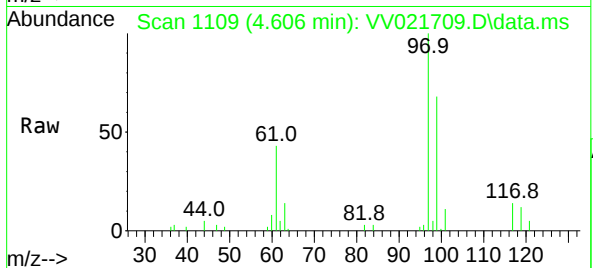




#30
1,1,1-Trichloroethane
Concen: 4.728 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

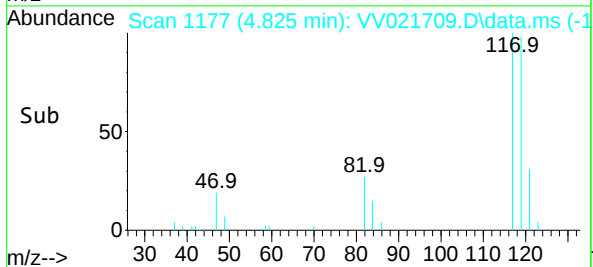
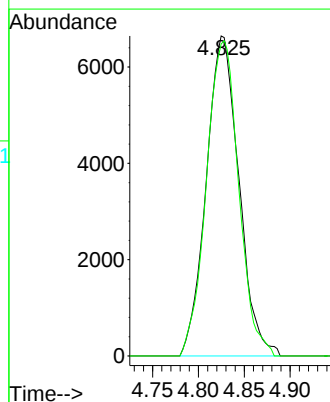
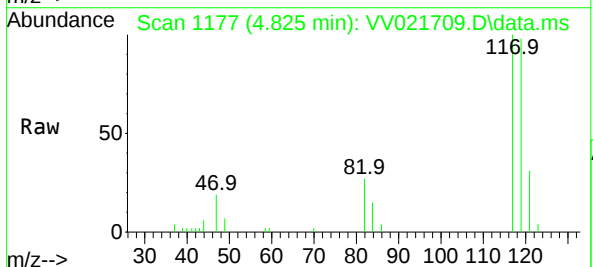
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

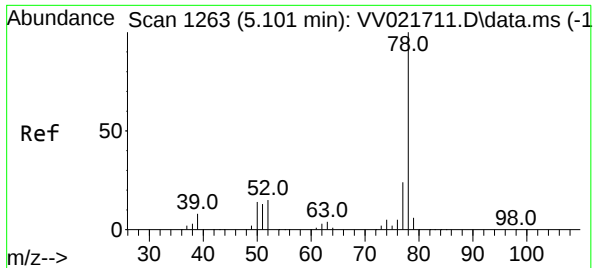
Tgt Ion:	97	Resp:	19167
Ion	Ratio	Lower	Upper
97	100		
99	66.8	52.0	78.0
61	42.0	32.6	49.0



#31
Carbon tetrachloride
Concen: 4.713 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:	117	Resp:	16453
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.7	116.5

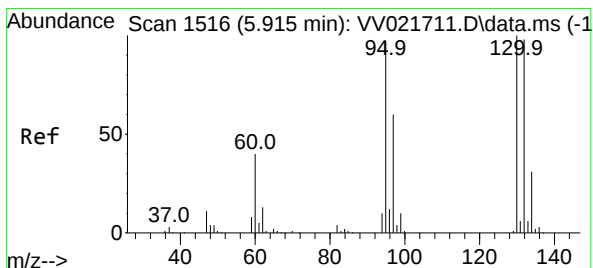
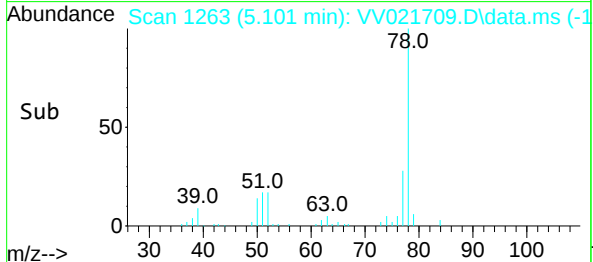
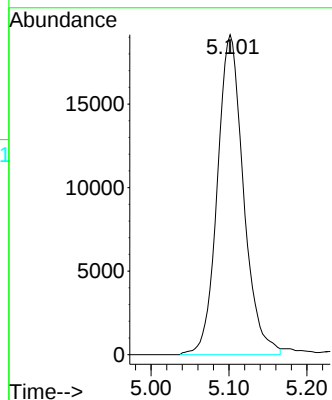
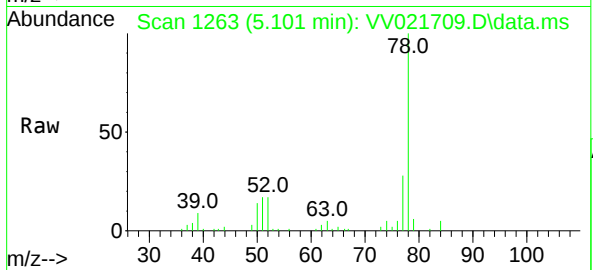




#33
Benzene
Concen: 4.613 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

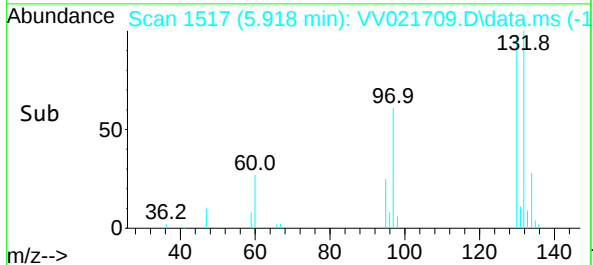
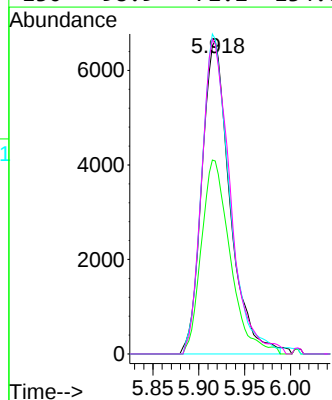
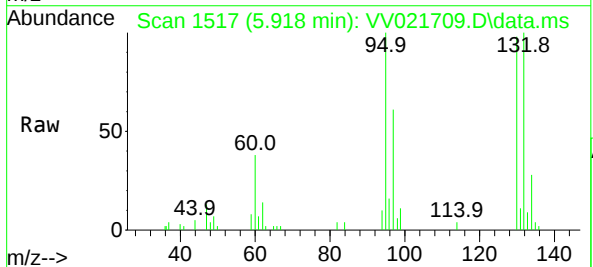
Tgt Ion: 78 Resp: 44743

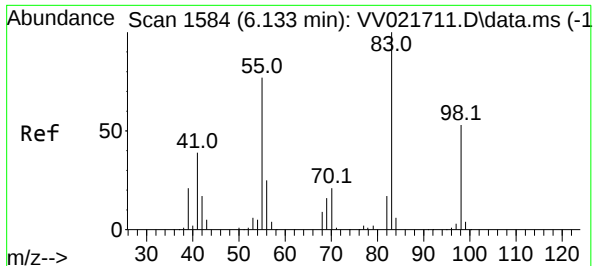


#34
Trichloroethene
Concen: 5.325 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 95 Resp: 14077

Ion	Ratio	Lower	Upper
95	100		
97	61.6	43.5	80.7
132	100.5	70.6	131.2
130	98.9	72.2	134.0





#35

Methylcyclohexane

Concen: 4.374 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

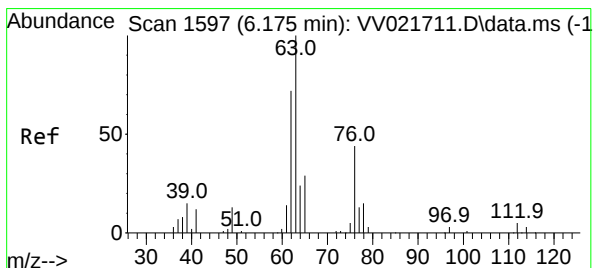
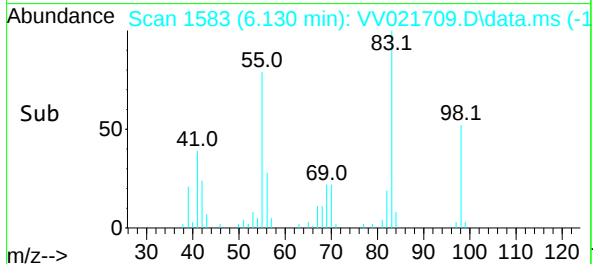
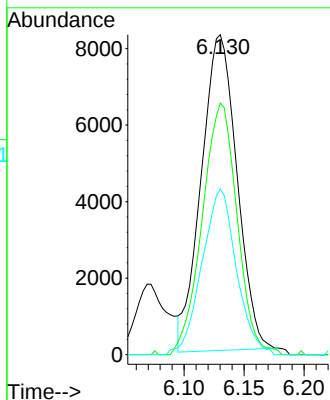
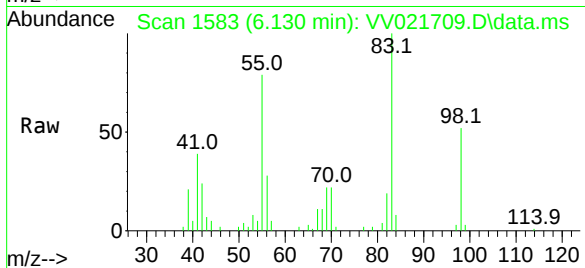
Lab File: VV021709.D

Acq: 02 Aug 2021 09:32

Tgt Ion: 83 Resp: 17069

Ion	Ratio	Lower	Upper
83	100		
55	77.9	59.1	88.7
98	50.6	40.8	61.2

Instrument :
MSVOA_V
ClientSampled :
VSTD005232



#37

1,2-Dichloropropane

Concen: 4.983 ug/L

RT: 6.175 min Scan# 1597

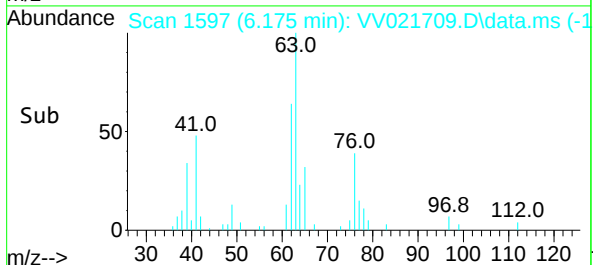
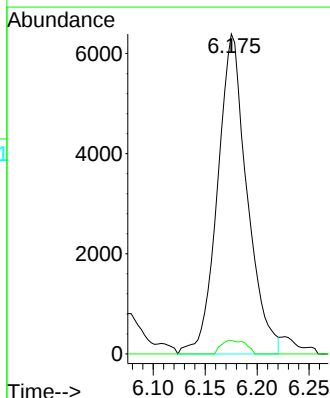
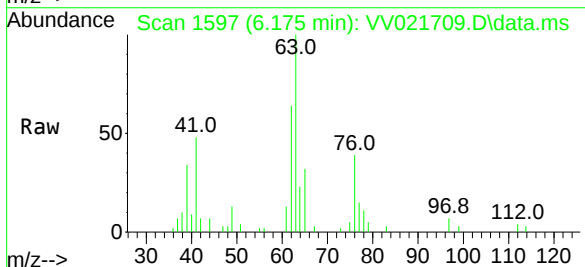
Delta R.T. -0.000 min

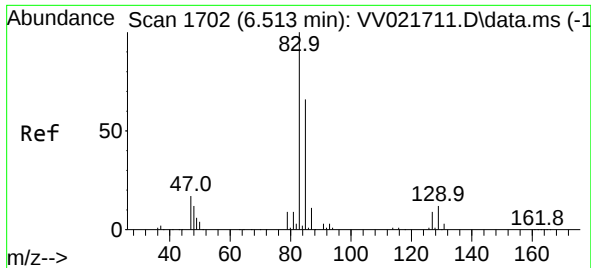
Lab File: VV021709.D

Acq: 02 Aug 2021 09:32

Tgt Ion: 63 Resp: 12636

Ion	Ratio	Lower	Upper
63	100		
112	2.4	3.8	5.8#

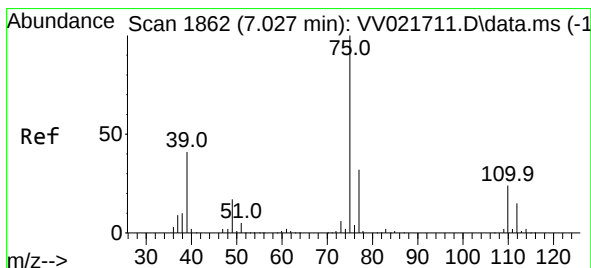
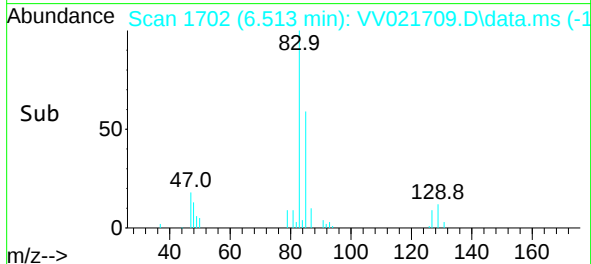
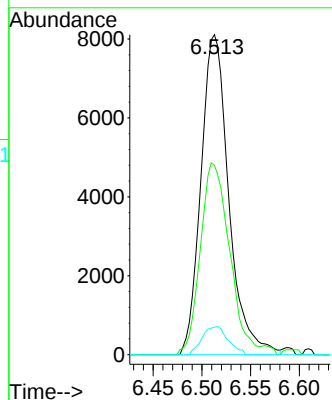
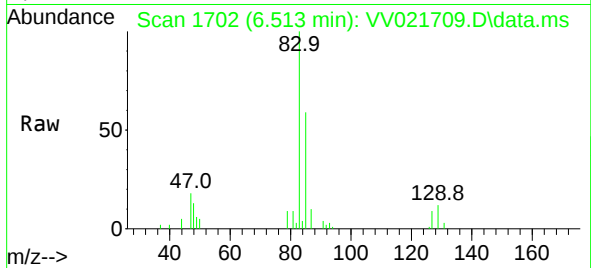




#38
Bromodichloromethane
Concen: 4.667 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

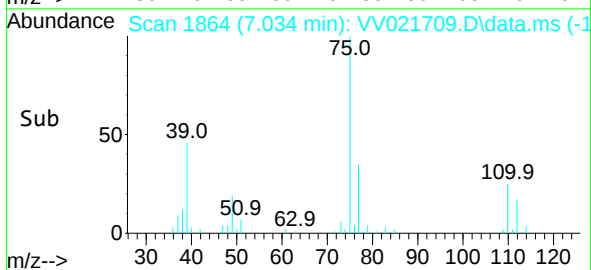
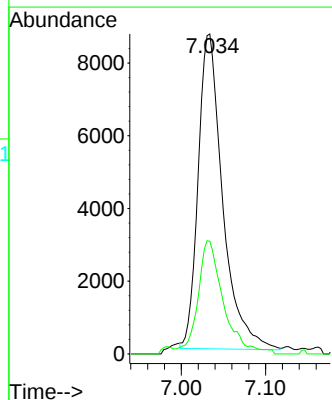
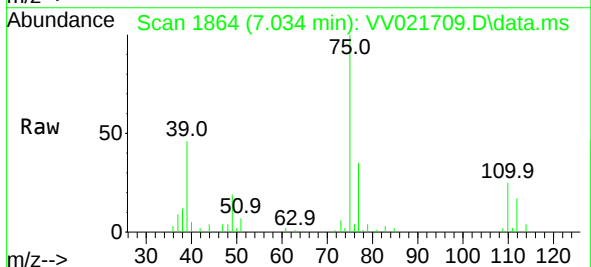
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

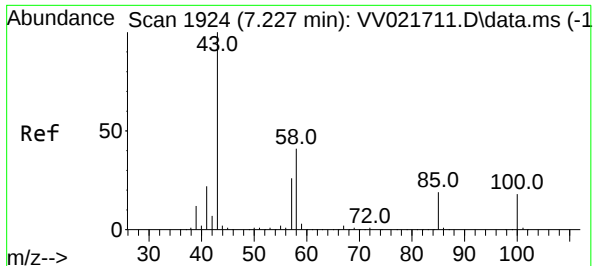
Tgt Ion:	83	Resp:	16117
Ion	Ratio	Lower	Upper
83	100		
85	59.2	45.8	85.2
127	8.5	7.1	10.7



#39
cis-1,3-Dichloropropene
Concen: 4.295 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:	75	Resp:	17550
Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.4	41.6

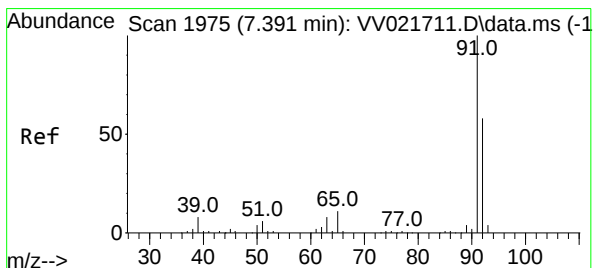
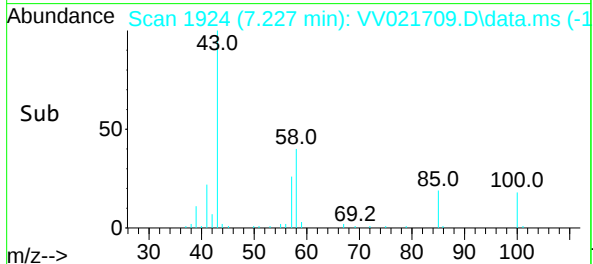
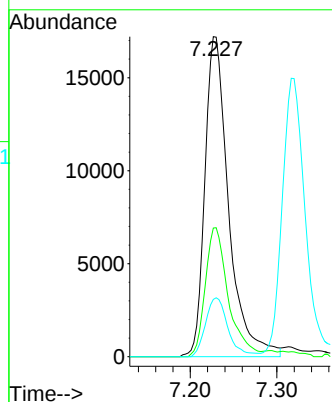
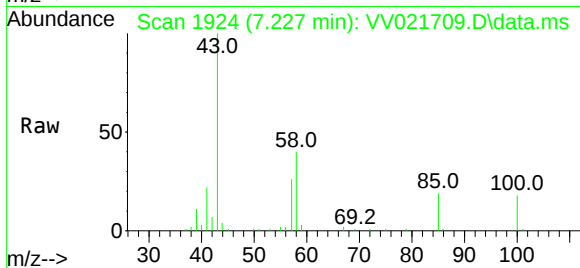




#40
4-Methyl-2-pentanone
Concen: 8.791 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

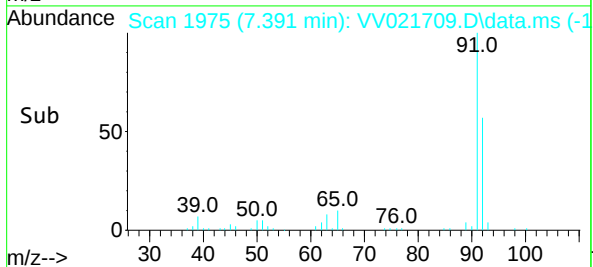
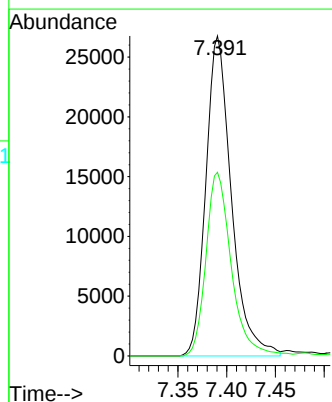
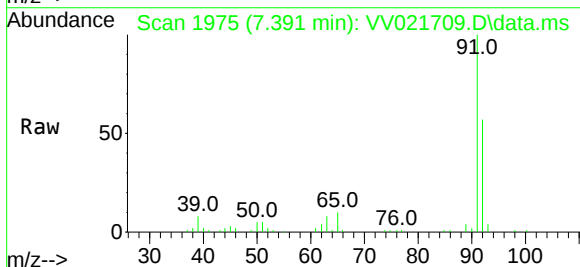
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

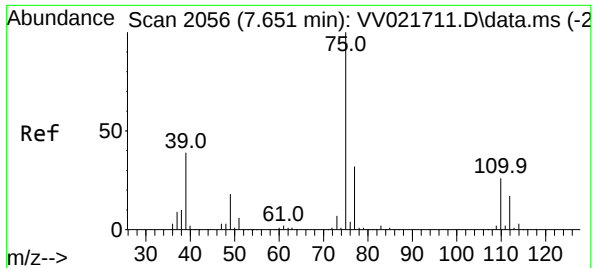
Tgt Ion:	43	Resp:	32858
Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.9	49.3
100	17.4	13.8	20.8



#42
Toluene
Concen: 4.665 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:	91	Resp:	48827
Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.9	76.0

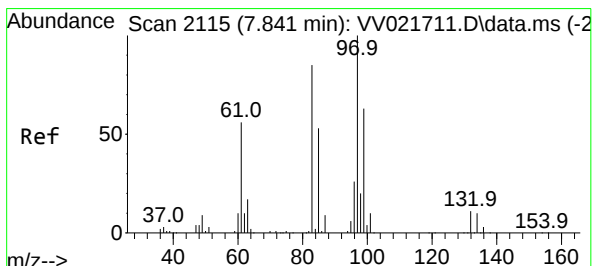
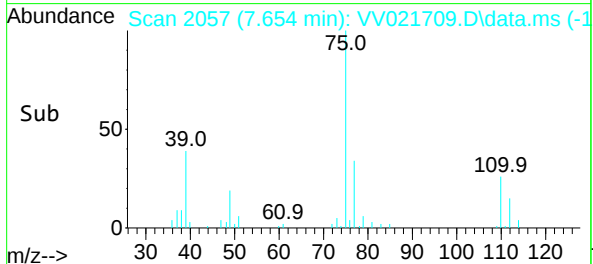
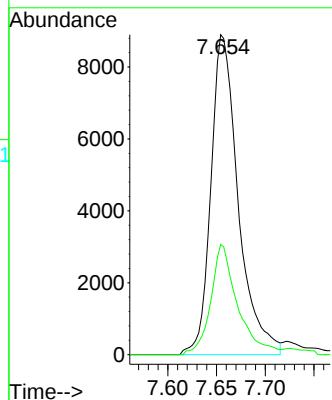
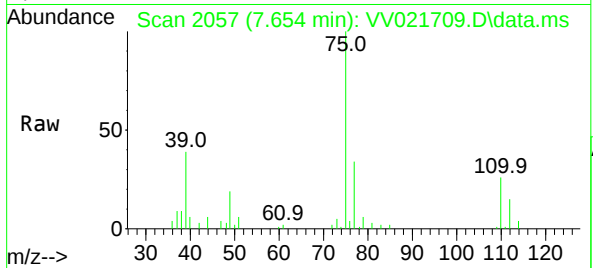




#44
trans-1,3-Dichloropropene
Concen: 4.485 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

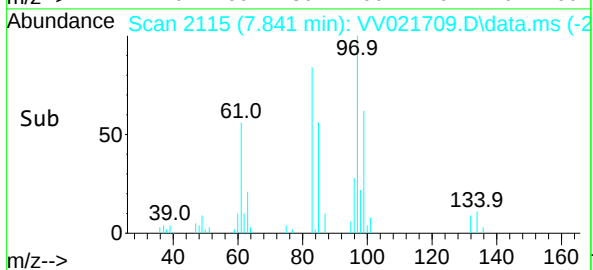
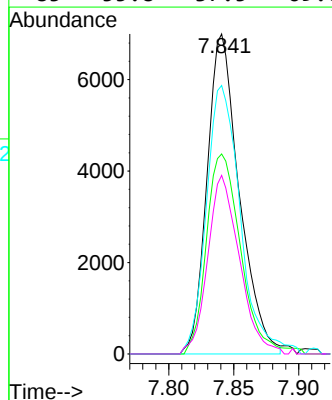
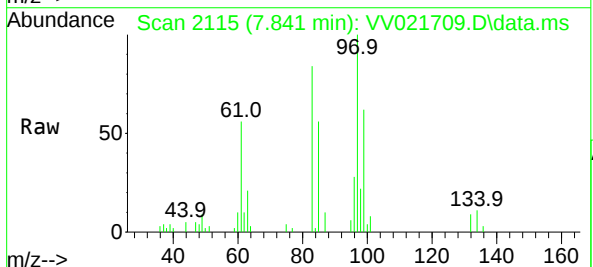
Instrument :
MSVOA_V
ClientSampled :
VSTD005232

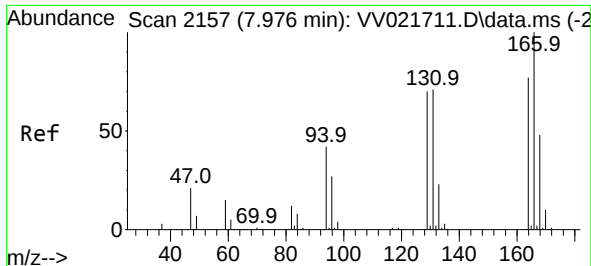
Tgt Ion: 75 Resp: 17391
Ion Ratio Lower Upper
75 100
77 34.4 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 4.700 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 97 Resp: 12076
Ion Ratio Lower Upper
97 100
99 62.5 43.8 81.3
83 83.9 59.3 110.1
85 55.8 37.5 69.6



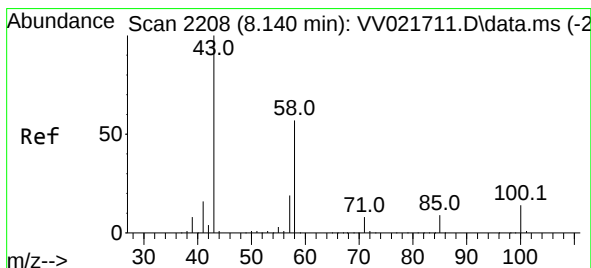
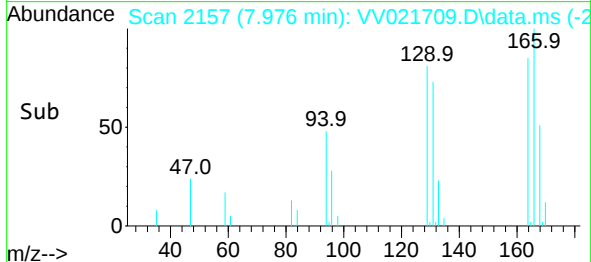
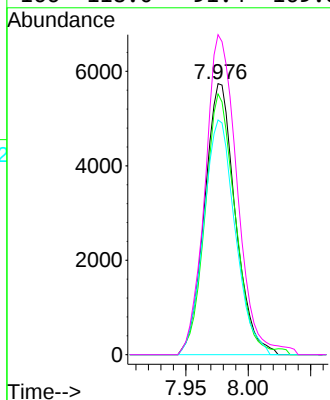
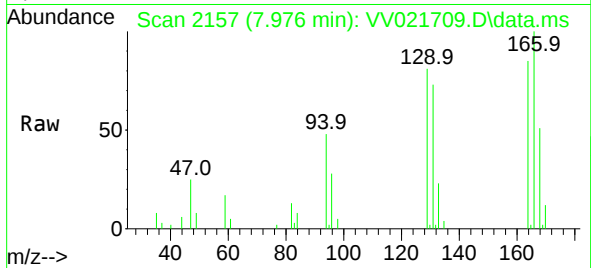


#46
Tetrachloroethene
Concen: 4.822 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

Tgt Ion:164 Resp: 9851

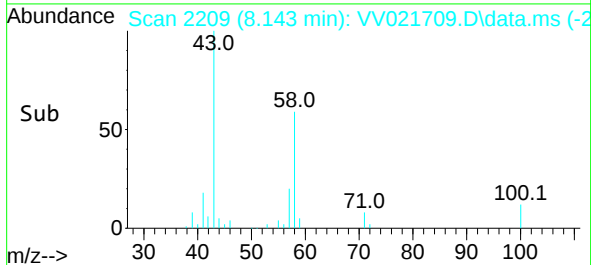
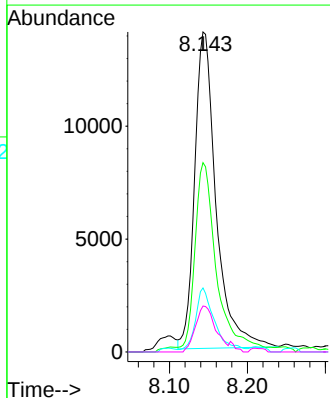
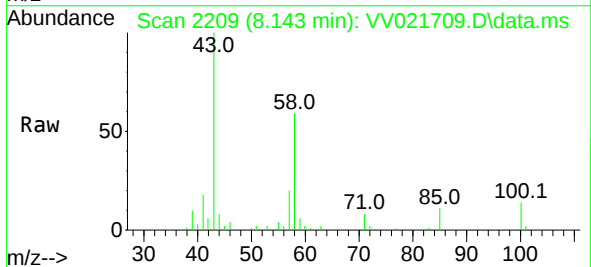
Ion	Ratio	Lower	Upper
164	100		
129	96.2	64.3	119.5
131	86.6	65.2	121.0
166	118.0	91.4	169.8

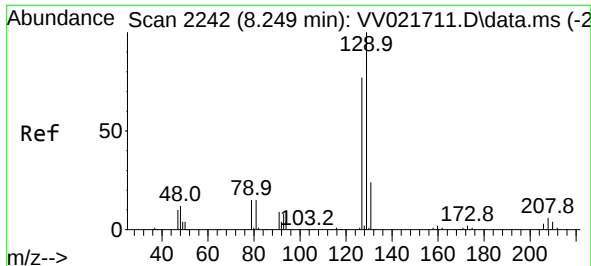


#48
2-Hexanone
Concen: 9.368 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 43 Resp: 26820

Ion	Ratio	Lower	Upper
43	100		
58	57.3	46.0	69.0
57	16.1	15.0	22.4
100	13.5	11.1	16.7





#49

Dibromochloromethane

Concen: 4.663 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021709.D

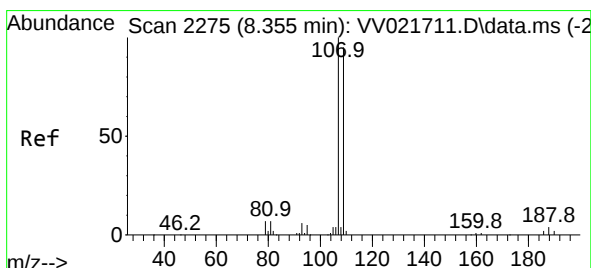
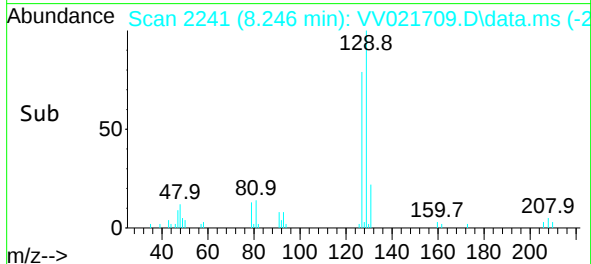
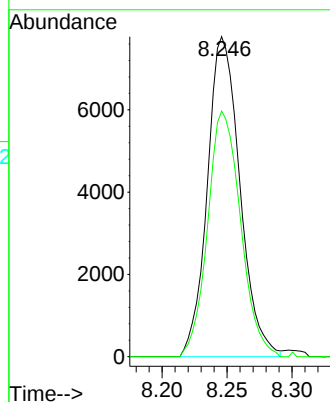
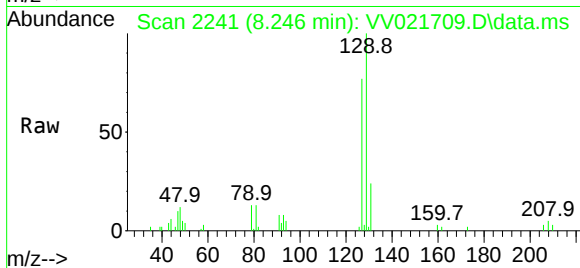
Acq: 02 Aug 2021 09:32

Tgt Ion:129 Resp: 13554

Ion Ratio Lower Upper

129 100

127 76.7 54.0 100.2



#50

1,2-Dibromoethane

Concen: 4.697 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VV021709.D

Acq: 02 Aug 2021 09:32

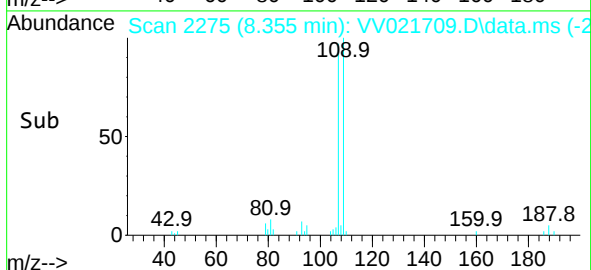
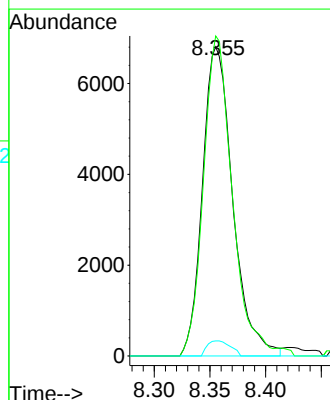
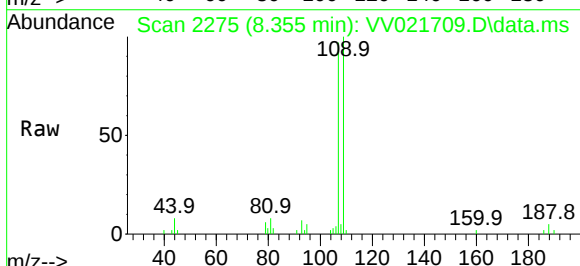
Tgt Ion:107 Resp: 12866

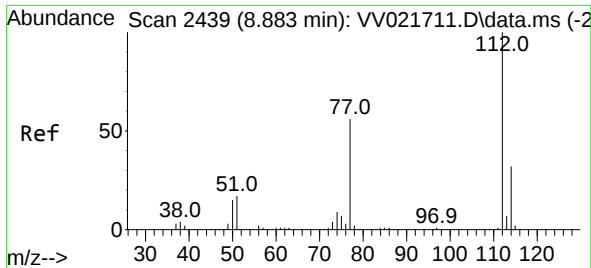
Ion Ratio Lower Upper

107 100

109 103.5 66.2 123.0

188 4.9 3.1 4.7#

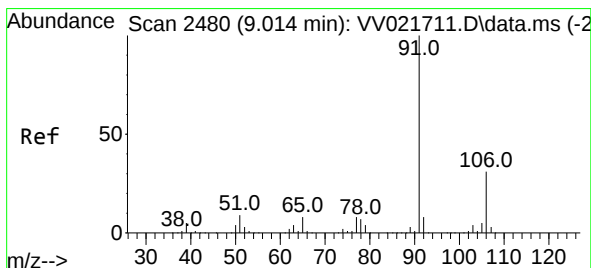
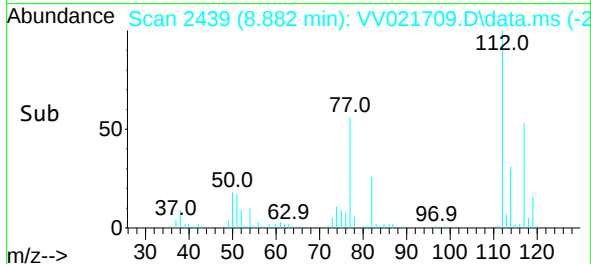
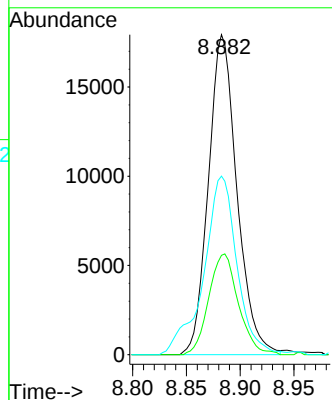
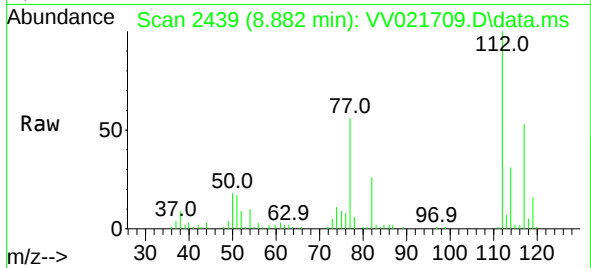




#51
Chlorobenzene
Concen: 4.813 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

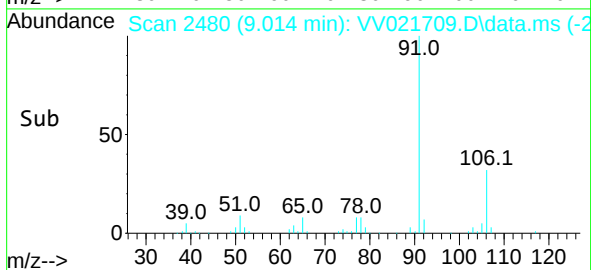
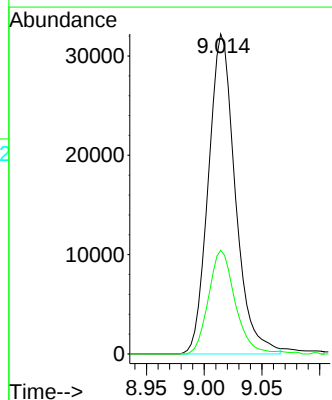
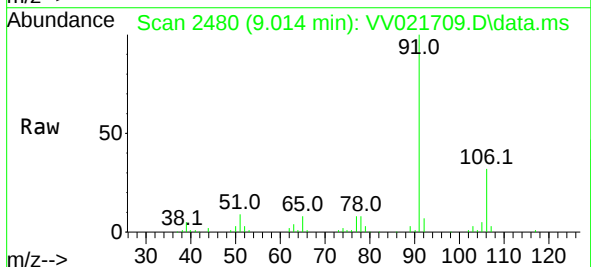
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

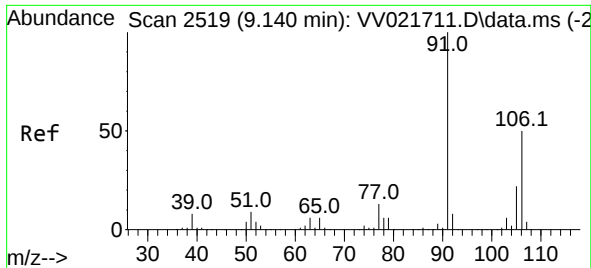
Tgt Ion:112 Resp: 33140
Ion Ratio Lower Upper
112 100
114 31.0 22.6 42.0
77 55.8 45.0 67.4



#52
Ethylbenzene
Concen: 4.645 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 91 Resp: 52189
Ion Ratio Lower Upper
91 100
106 32.4 22.0 40.8

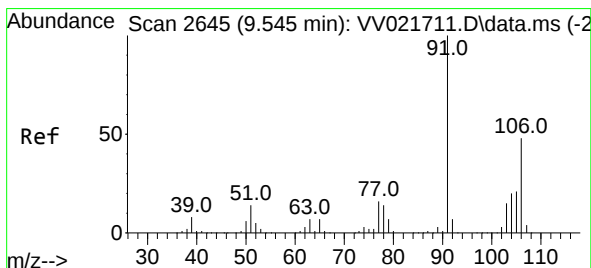
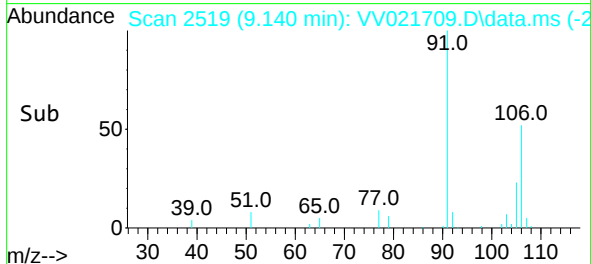
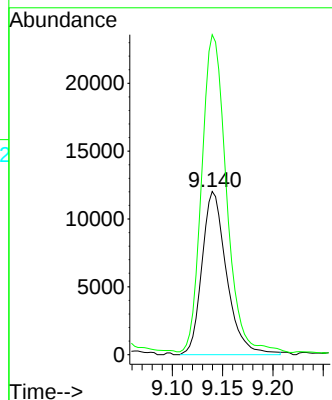
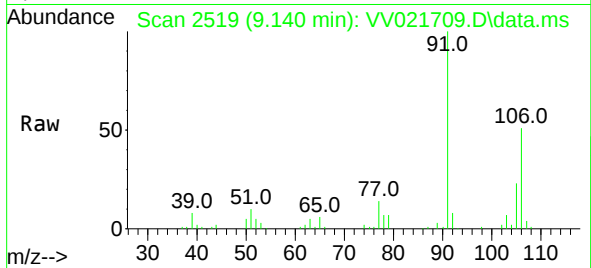




#53
m,p-Xylene
Concen: 4.697 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

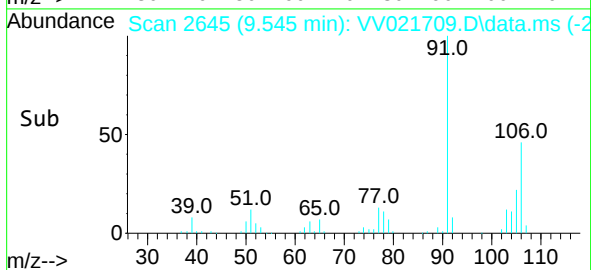
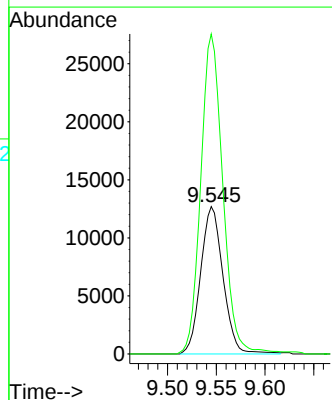
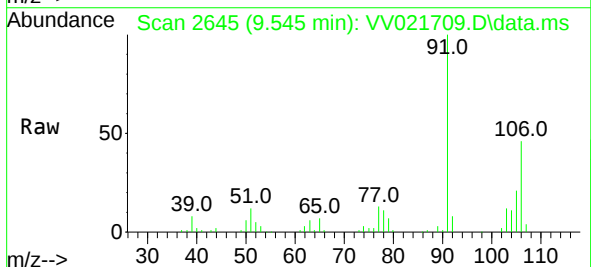
Instrument :
MSVOA_V
ClientSampled :
VSTD005232

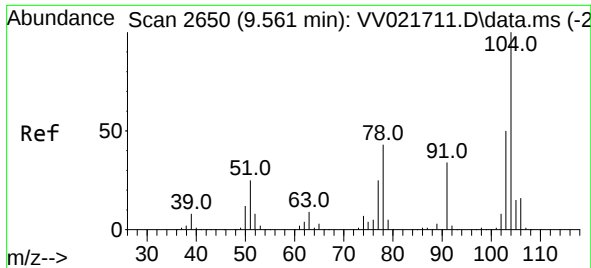
Tgt Ion:106 Resp: 20455
Ion Ratio Lower Upper
106 100
91 196.1 138.9 258.1



#54
o-Xylene
Concen: 4.625 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:106 Resp: 20251
Ion Ratio Lower Upper
106 100
91 217.2 147.4 273.8

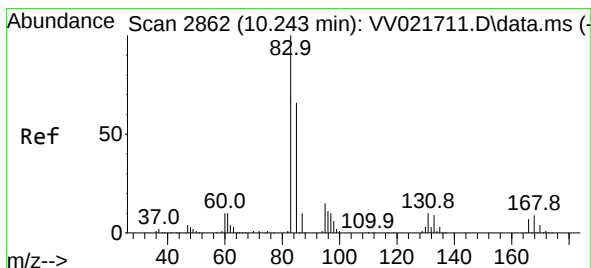
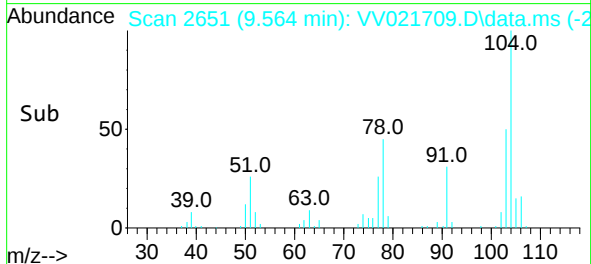
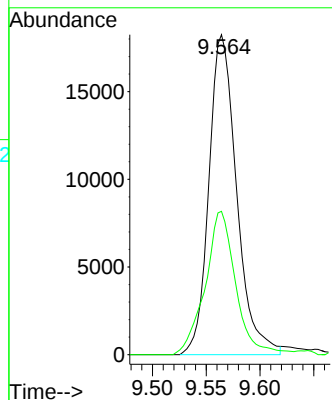
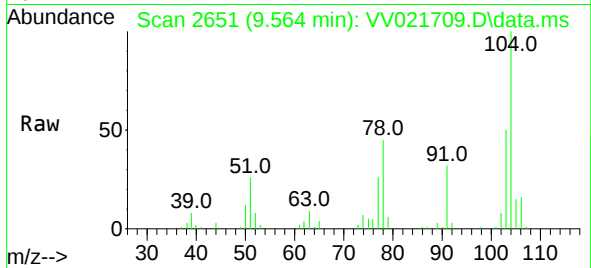




#55
Styrene
Concen: 4.445 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

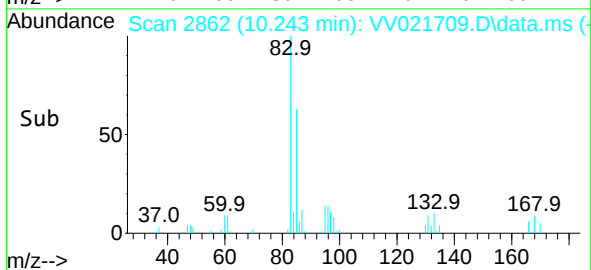
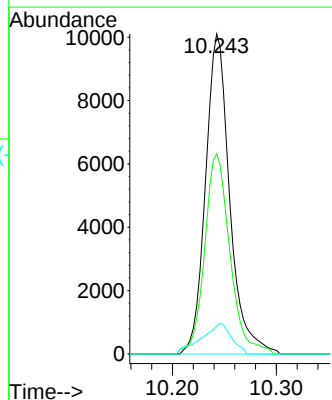
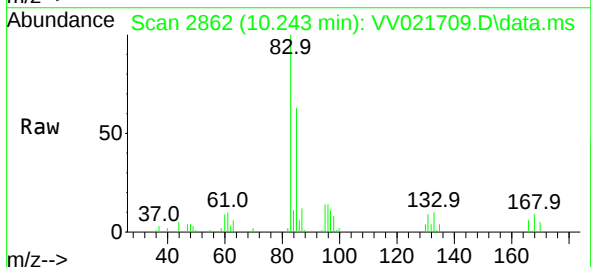
Instrument :
MSVOA_V
ClientSampled :
VSTD005232

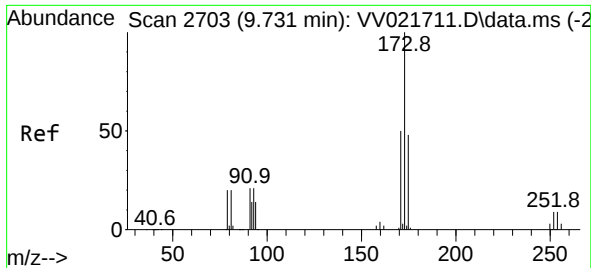
Tgt Ion:104 Resp: 32795
Ion Ratio Lower Upper
104 100
78 44.8 30.0 55.8



#57
1,1,2,2-Tetrachloroethane
Concen: 4.157 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

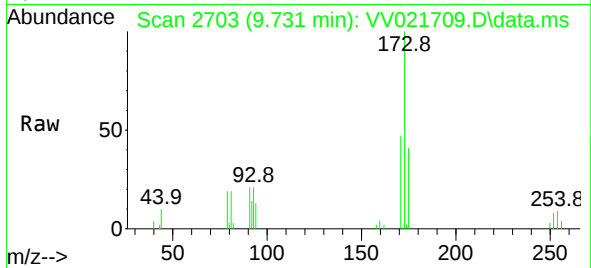
Tgt Ion: 83 Resp: 16315
Ion Ratio Lower Upper
83 100
85 62.6 46.0 85.4
131 8.8 8.1 12.1



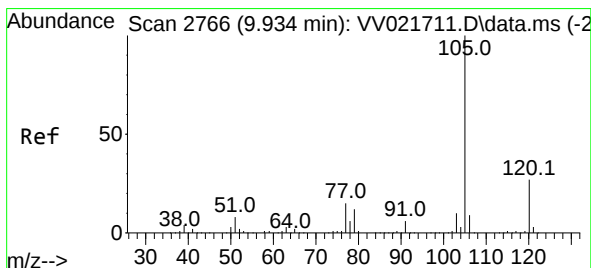
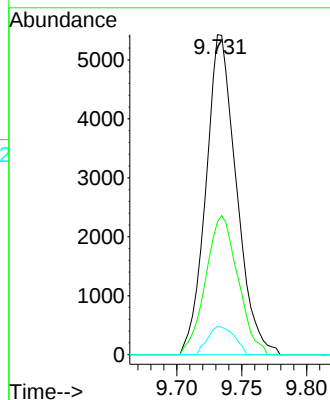
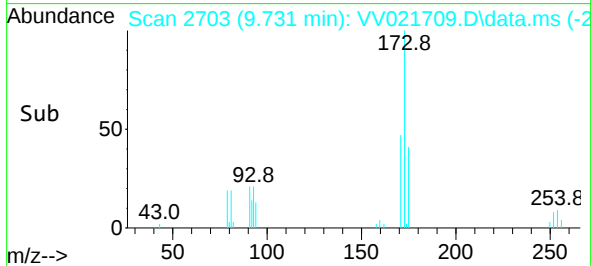


#59
Bromoform
Concen: 4.201 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

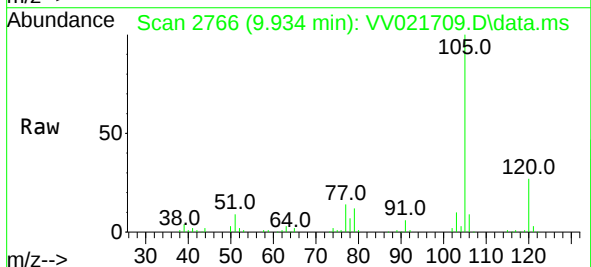
Instrument :
MSVOA_V
ClientSampled :
VSTD005232



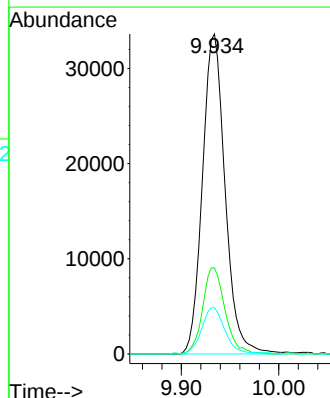
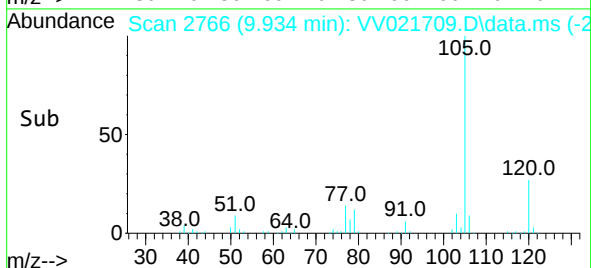
Tgt Ion:173 Resp: 8871
Ion Ratio Lower Upper
173 100
175 46.0 39.0 58.4
254 7.7 7.2 10.8

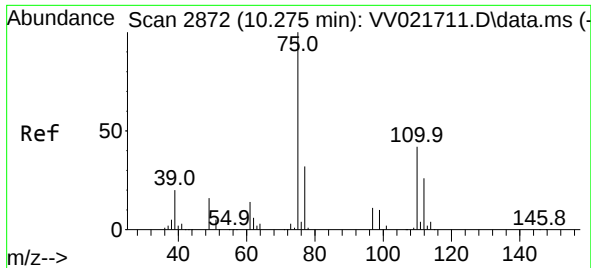


#60
Isopropylbenzene
Concen: 4.897 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32



Tgt Ion:105 Resp: 54260
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 14.9 11.8 17.8

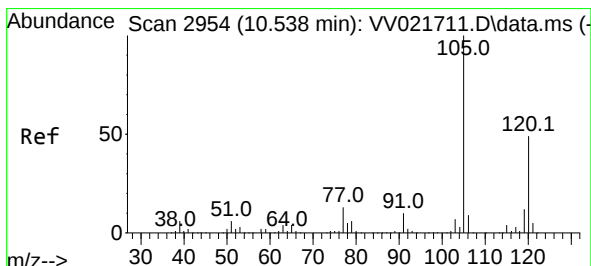
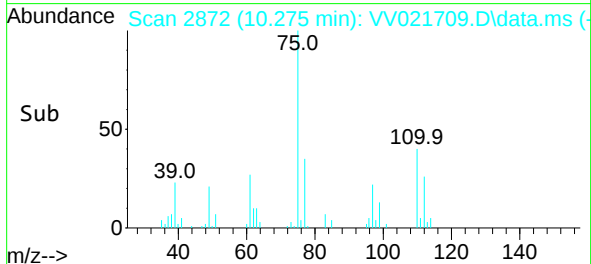
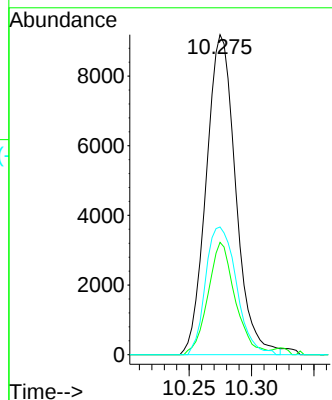
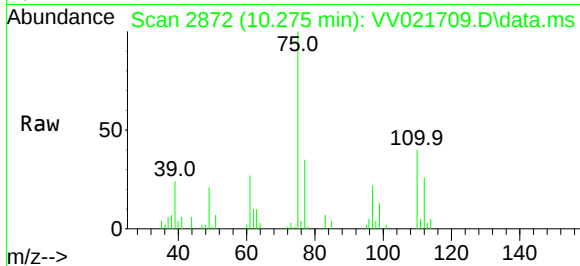




#61
1,2,3-Trichloropropane
Concen: 4.756 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

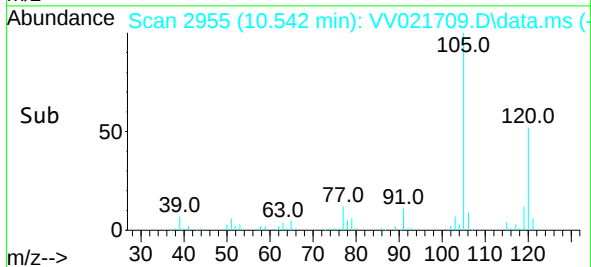
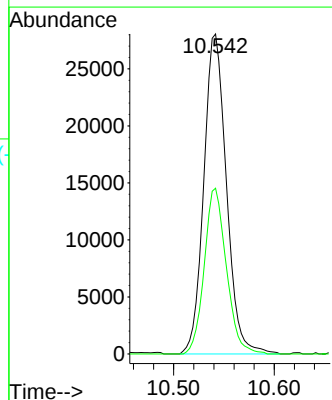
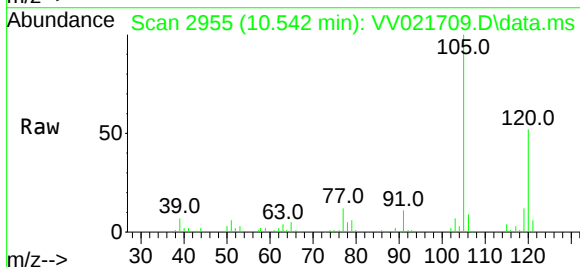
Instrument :
MSVOA_V
ClientSampled :
VSTD005232

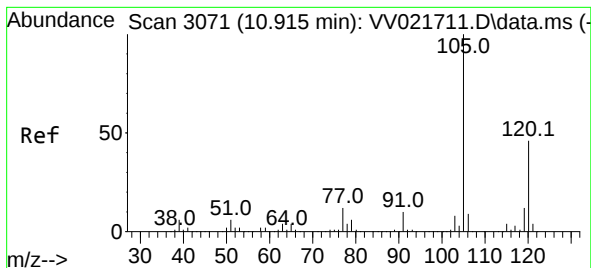
Tgt Ion:	75	Resp:	15092
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5
110	41.5	33.8	50.6



#62
1,3,5-Trimethylbenzene
Concen: 4.704 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:	105	Resp:	43991
Ion	Ratio	Lower	Upper
105	100		
120	50.4	39.8	59.6

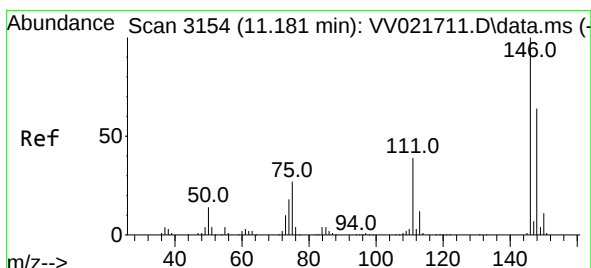
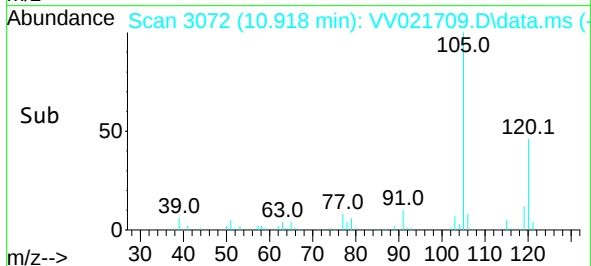
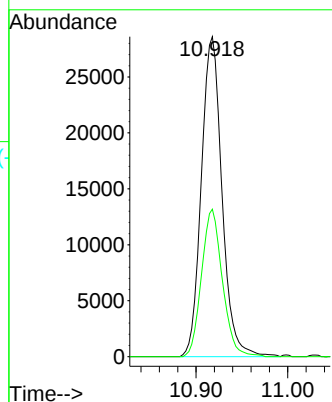
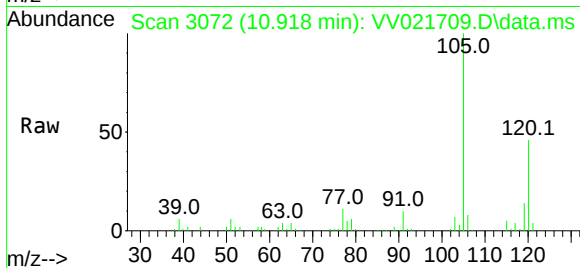




#63
1,2,4-Trimethylbenzene
Concen: 4.739 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

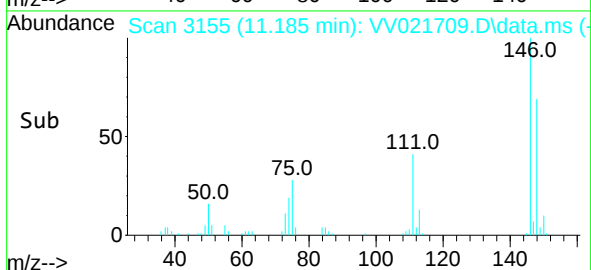
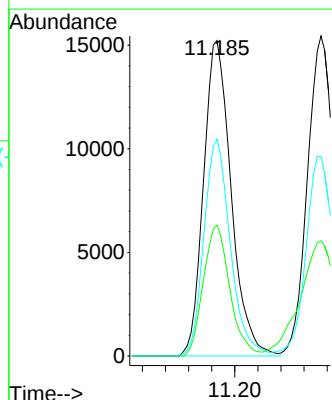
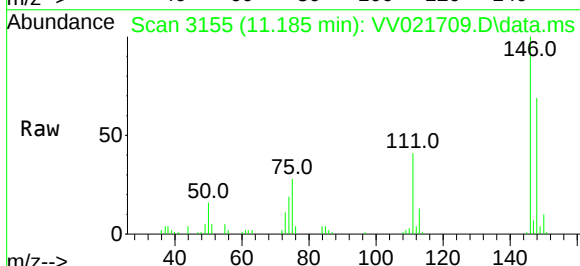
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

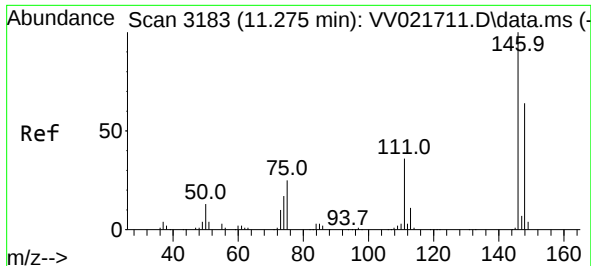
Tgt Ion:105 Resp: 44854
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 4.809 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:146 Resp: 25306
Ion Ratio Lower Upper
146 100
111 41.5 27.3 50.7
148 68.8 44.4 82.5

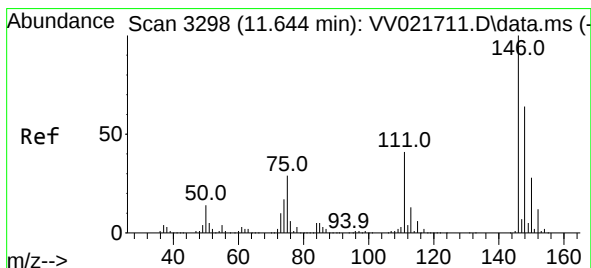
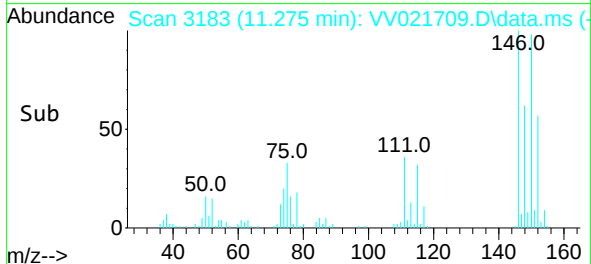
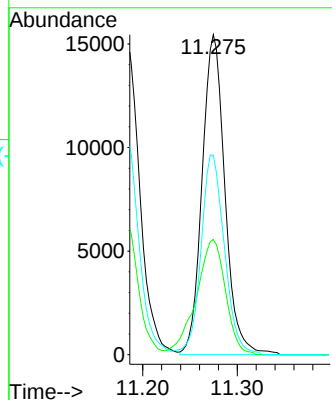
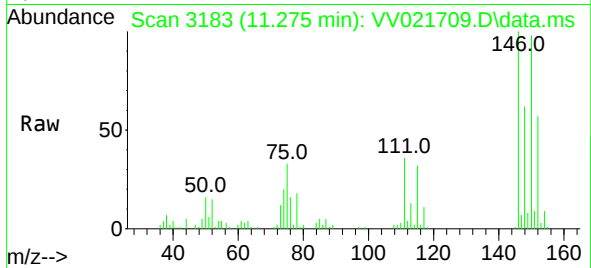




#65
1,4-Dichlorobenzene
Concen: 4.900 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

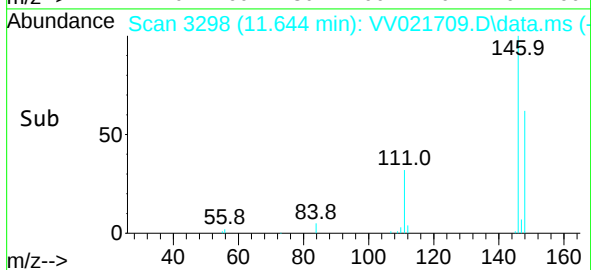
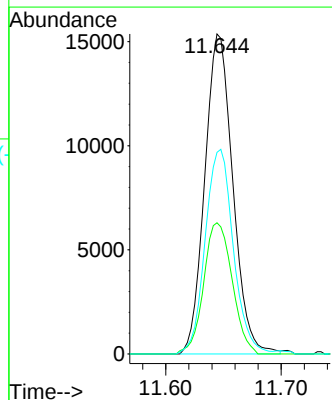
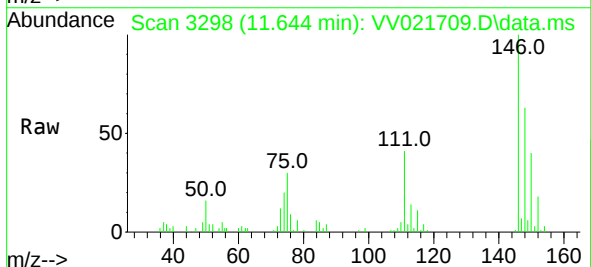
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

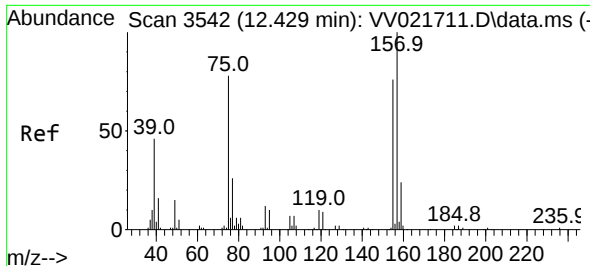
Tgt Ion:146 Resp: 25852
Ion Ratio Lower Upper
146 100
111 36.0 25.6 47.4
148 62.4 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 4.862 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion:146 Resp: 25960
Ion Ratio Lower Upper
146 100
111 41.0 32.5 48.7
148 63.0 51.5 77.3

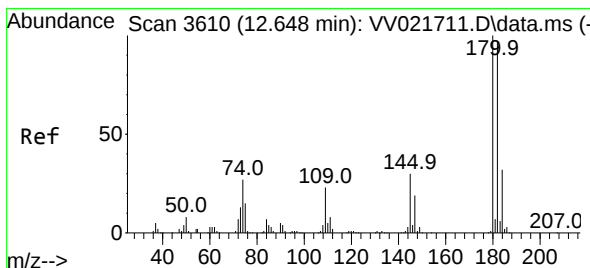
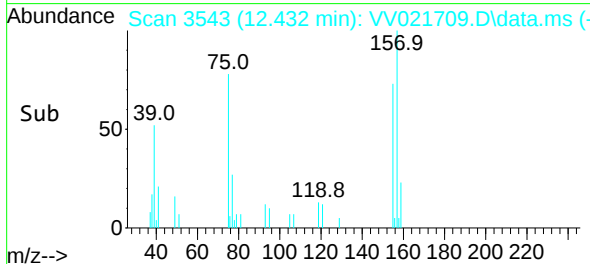
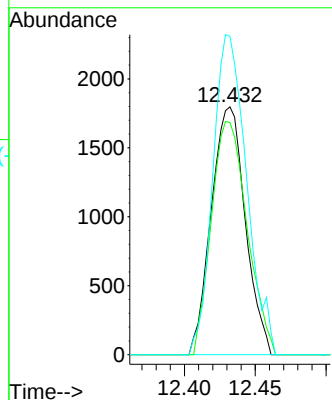
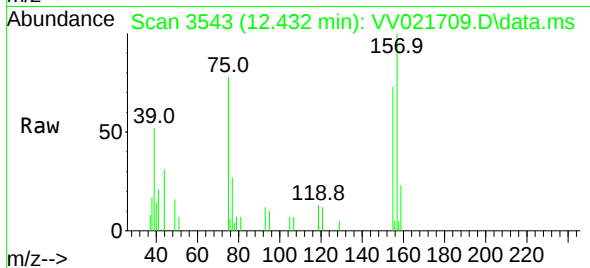




#68
1,2-Dibromo-3-chloropropane
Concen: 3.442 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

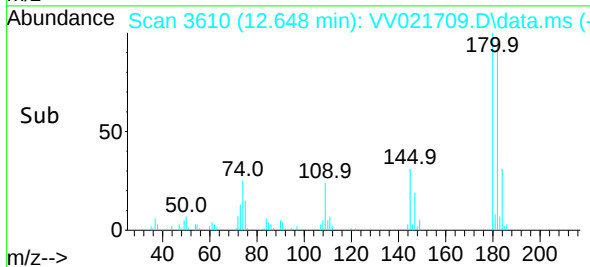
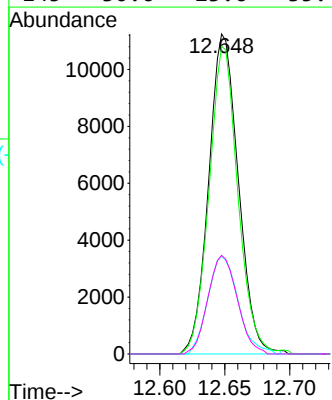
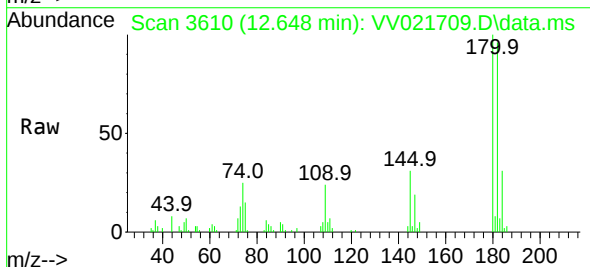
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

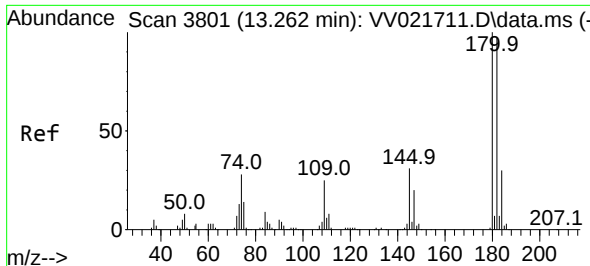
Tgt Ion: 75 Resp: 3003
Ion Ratio Lower Upper
75 100
155 93.7 77.7 116.5
157 128.5 102.6 154.0



#69
1,3,5-Trichlorobenzene
Concen: 4.562 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

Tgt Ion: 180 Resp: 17799
Ion Ratio Lower Upper
180 100
182 93.2 77.1 115.7
184 31.3 24.6 36.8
145 30.6 23.6 35.4

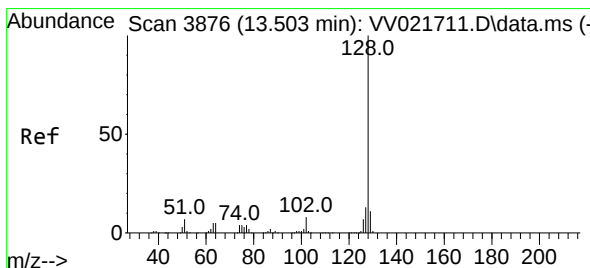
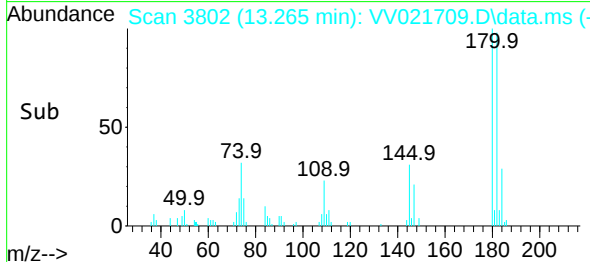
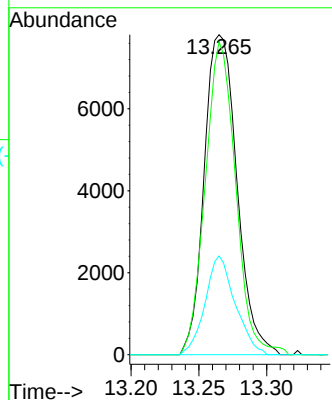
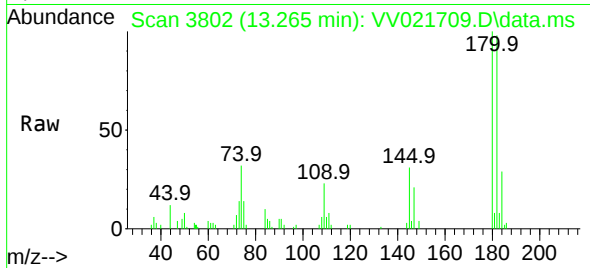




#70
1,2,4-trichlorobenzene
Concen: 3.842 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

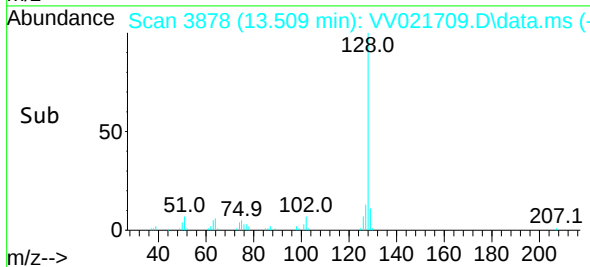
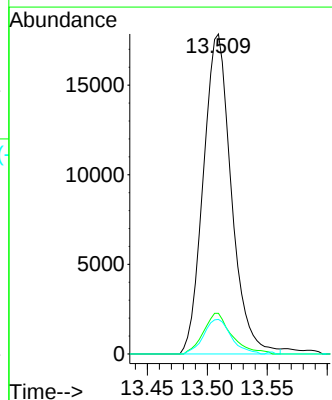
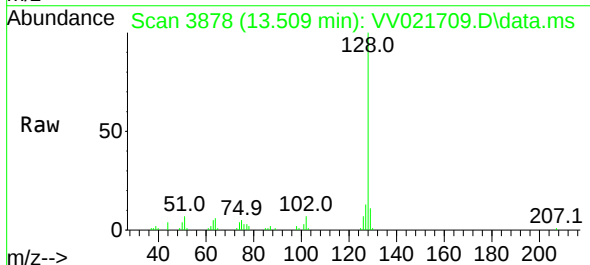
Instrument :
MSVOA_V
ClientSampleId :
VSTD005232

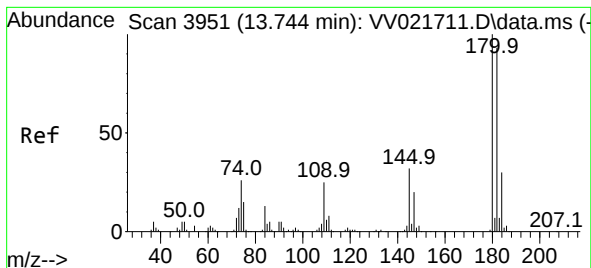
Tgt Ion:180 Resp: 13133
Ion Ratio Lower Upper
180 100
182 90.6 76.3 114.5
145 28.3 24.1 36.1



#71
Naphthalene
Concen: 2.774 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021709.D
Acq: 02 Aug 2021 09:32

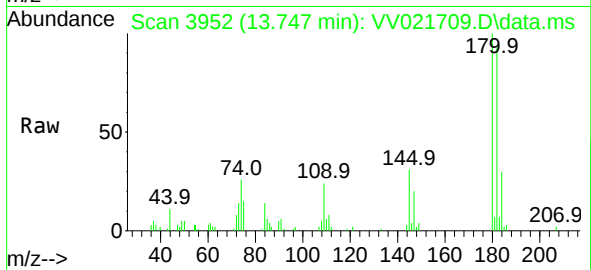
Tgt Ion:128 Resp: 29046
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.759 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV021709.D
 Acq: 02 Aug 2021 09:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005232



Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.8	115.2
145	29.5	25.5	38.3

