

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072821\
 Data File : VW021707.D
 Acq On : 28 Jul 2021 14:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 02:04:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 29 02:02:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	485121	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	449633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	241746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142018	41.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.760%
7) Chloroethane-d5	1.558	69	116281	48.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.940%
11) 1,1-Dichloroethene-d2	2.105	63	248883	43.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
21) 2-Butanone-d5	3.867	46	235534	89.043	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	4.343	84	296513	45.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.027	65	175330	45.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
32) Benzene-d6	5.047	84	587857	44.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
36) 1,2-Dichloropropane-d6	6.066	67	184807	44.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.320%
41) Toluene-d8	7.313	98	547135	44.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	7.619	79	92426	44.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.620%
47) 2-Hexanone-d5	8.085	63	168495	90.166	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.170%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247039	45.199	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	224871	44.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	156775	44.720	ug/L	99
3) Chloromethane	1.240	50	155592	47.019	ug/L	99
5) Vinyl chloride	1.307	62	156393	45.365	ug/L	100
6) Bromomethane	1.507	94	96518	58.721	ug/L	100
8) Chloroethane	1.574	64	94209	48.181	ug/L	99
9) Trichlorofluoromethane	1.748	101	219435	45.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	125785	45.930	ug/L	100
12) 1,1-Dichloroethene	2.111	96	114906	44.962	ug/L	97
13) Acetone	2.156	43	247352	147.435	ug/L	100
14) Carbon disulfide	2.288	76	332387	43.075	ug/L	100
15) Methyl Acetate	2.423	43	161377	43.862	ug/L	98
16) Methylene chloride	2.500	84	163012	44.130	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	136793	44.870	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	462025	44.682	ug/L	99
19) 1,1-Dichloroethane	3.185	63	259179	45.027	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	157385	44.611	ug/L	100
22) 2-Butanone	3.950	43	304531	118.961	ug/L	98
23) Bromochloromethane	4.243	128	84001	45.001	ug/L	98
25) Chloroform	4.371	83	266878	44.855	ug/L	96

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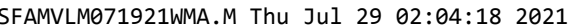
Instrument :
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 ClientSampleId :

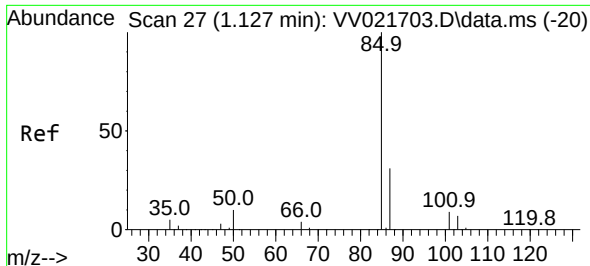
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	190228	44.545	ug/L	100
29) Cyclohexane	4.674	56	223818	44.996	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	236404	44.473	ug/L	100
31) Carbon tetrachloride	4.825	117	204654	44.703	ug/L	99
33) Benzene	5.095	78	577374	45.172	ug/L	100
34) Trichloroethene	5.912	95	159973	46.342	ug/L	96
35) Methylcyclohexane	6.127	83	235411	45.528	ug/L	99
37) 1,2-Dichloropropane	6.172	63	152072	45.395	ug/L	100
38) Bromodichloromethane	6.510	83	201142	44.579	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	234666	43.740	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	435537	88.901	ug/L	100
42) Toluene	7.387	91	627555	45.598	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	230470	45.340	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	151067	45.089	ug/L	100
46) Tetrachloroethene	7.976	164	121926	45.241	ug/L	99
48) 2-Hexanone	8.137	43	388927	103.083	ug/L	99
49) Dibromochloromethane	8.246	129	170956	45.154	ug/L	96
50) 1,2-Dibromoethane	8.352	107	162613	45.396	ug/L	99
51) Chlorobenzene	8.879	112	407161	45.102	ug/L	99
52) Ethylbenzene	9.011	91	677932	45.978	ug/L	100
53) m,p-Xylene	9.137	106	264986	46.252	ug/L	100
54) o-Xylene	9.542	106	260004	45.322	ug/L	96
55) Styrene	9.561	104	449869	46.531	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	226891	43.994	ug/L	100
59) Bromoform	9.731	173	125553	42.122	ug/L	100
60) Isopropylbenzene	9.931	105	694151	44.247	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	191385	42.683	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	589524	44.569	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	599322	44.853	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	330896	44.627	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	333347	44.913	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	336224	44.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	50315	40.567	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	249459	45.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	211402	43.576	ug/L	100
71) Naphthalene	13.503	128	639607	42.664	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	214456	43.359	ug/L	100

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

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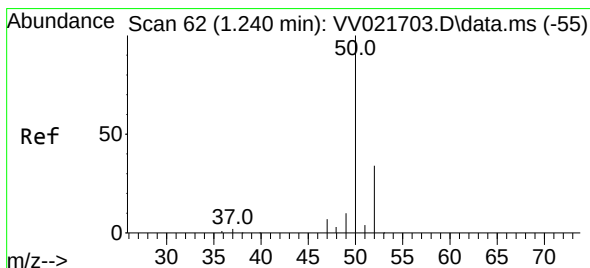
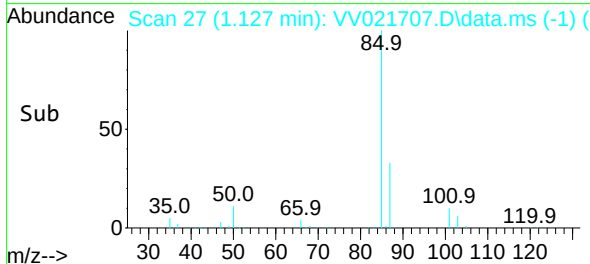
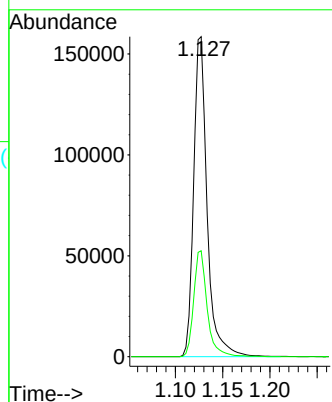
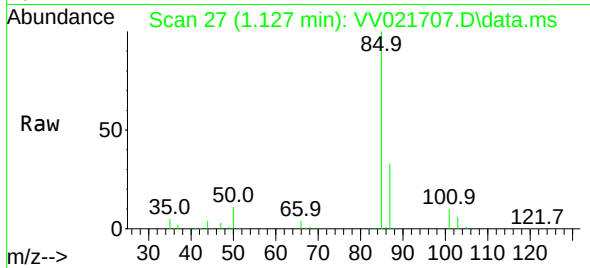




#2
 Dichlorodifluoromethane
 Concen: 44.720 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

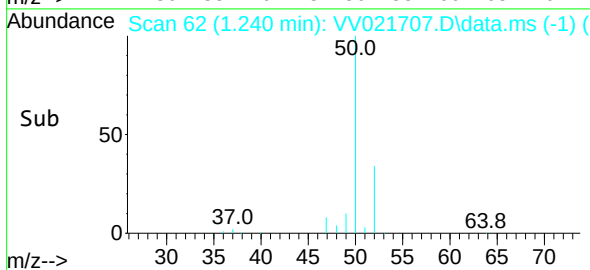
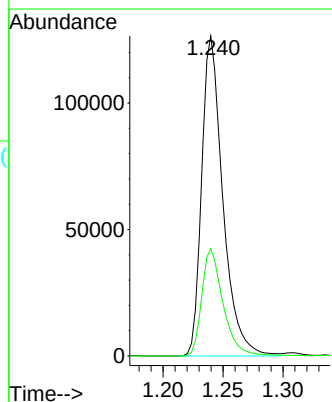
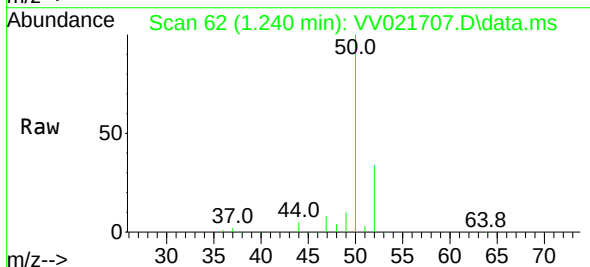
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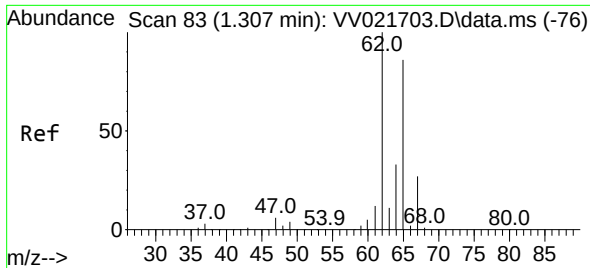
Tgt Ion: 85 Resp: 156775
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 47.019 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

Tgt Ion: 50 Resp: 155592
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.2

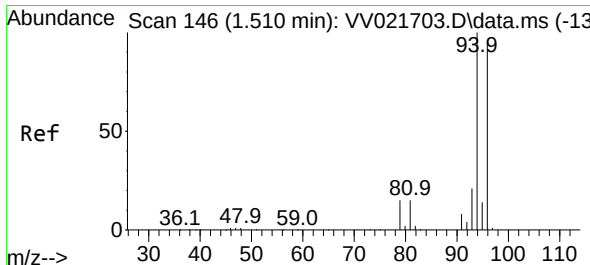
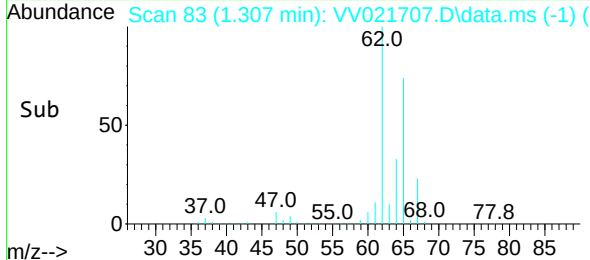
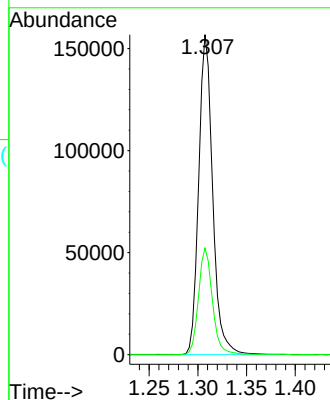
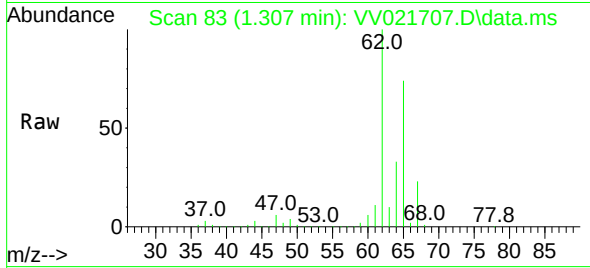




#5
 Vinyl chloride
 Concen: 45.365 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

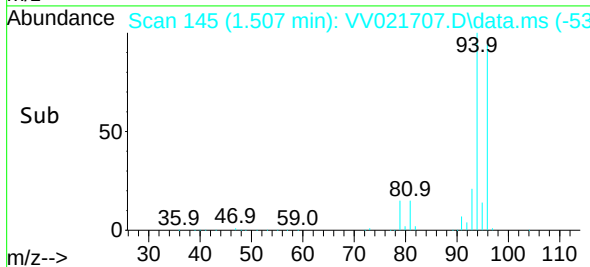
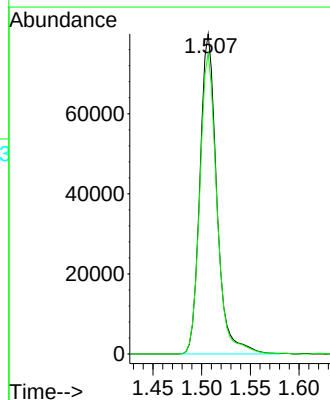
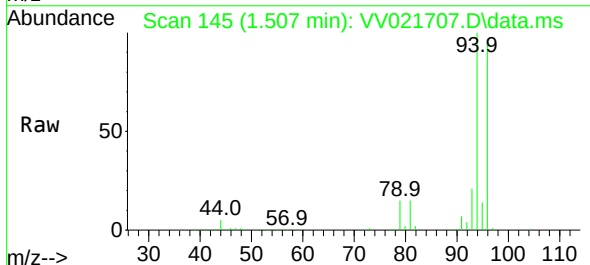
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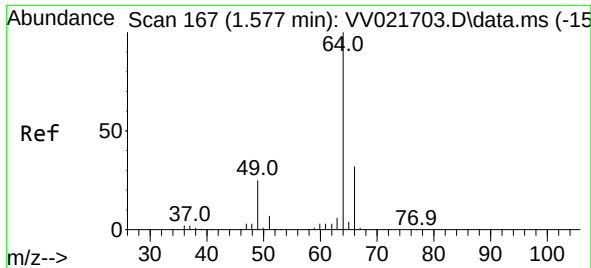
Tgt Ion: 62 Resp: 156393
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#6
 Bromomethane
 Concen: 58.721 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.003 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

Tgt Ion: 94 Resp: 96518
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.0 122.6

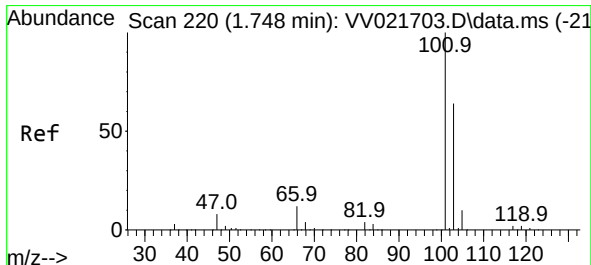
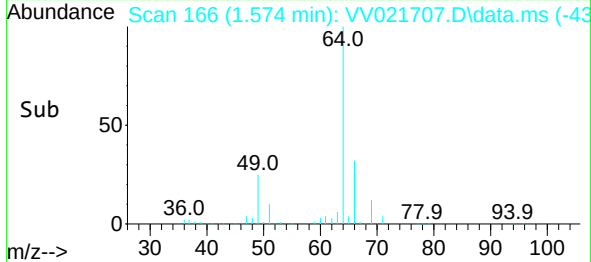
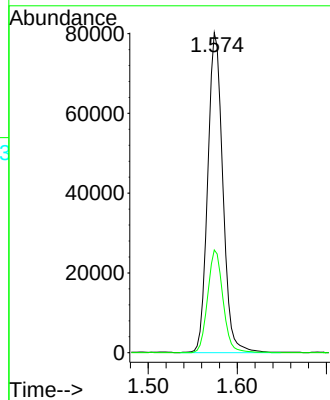
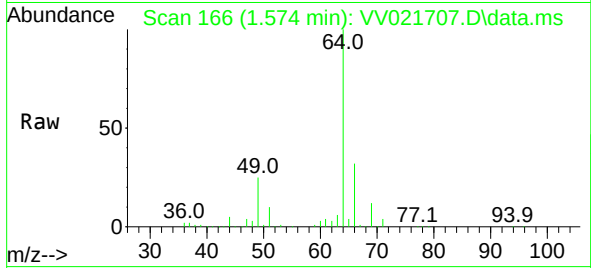




#8
Chloroethane
Concen: 48.181 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

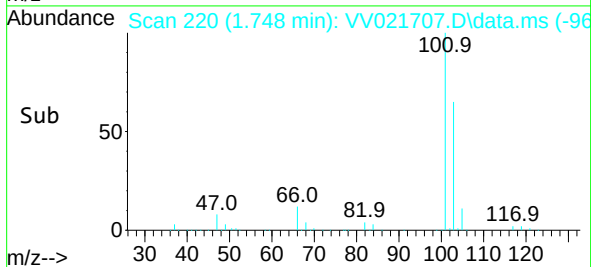
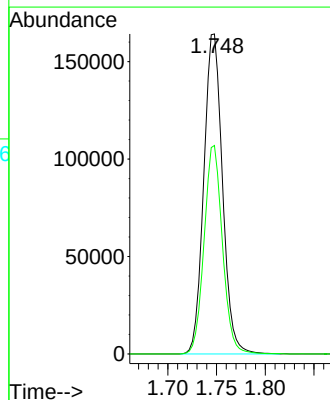
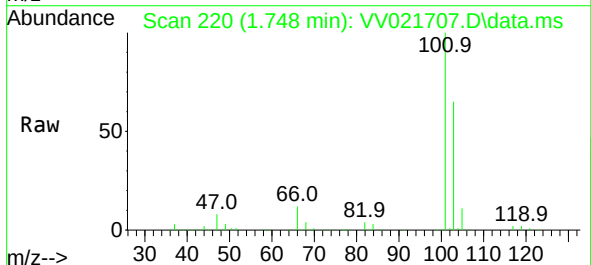
Instrument :
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ClientSampled :

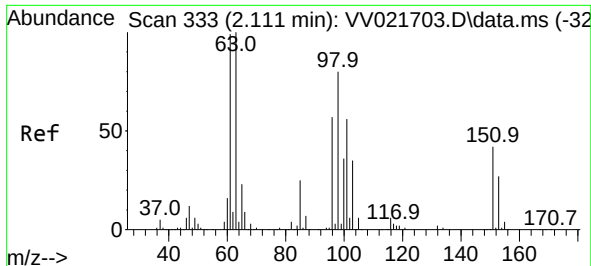
Tgt Ion: 64 Resp: 94209
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 45.250 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:101 Resp: 219435
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

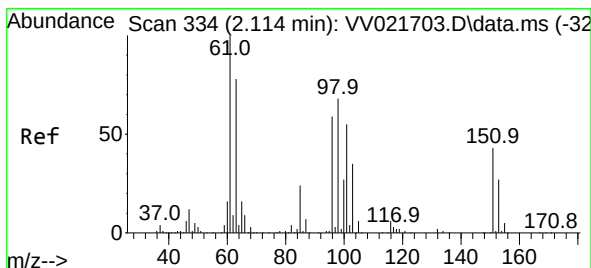
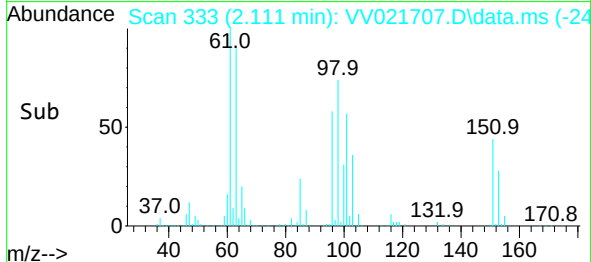
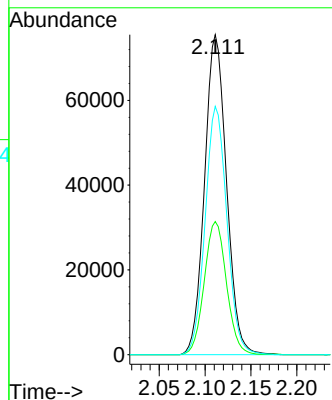
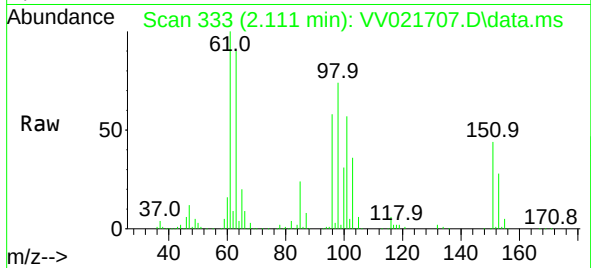




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.930 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

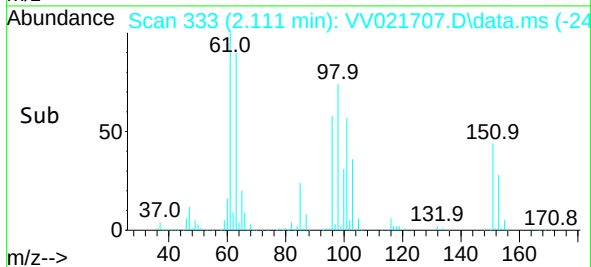
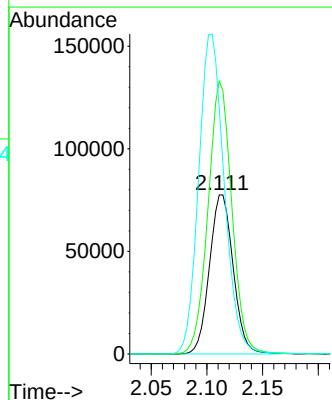
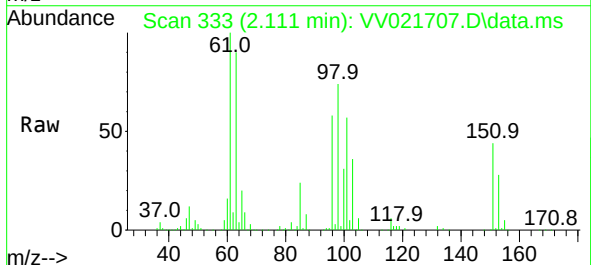
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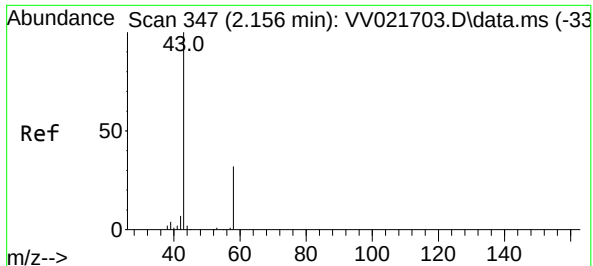
Tgt Ion:101 Resp: 125785
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.6 50.4
 151 77.0 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 44.962 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

Tgt Ion: 96 Resp: 114906
 Ion Ratio Lower Upper
 96 100
 61 171.7 117.5 218.1
 63 154.6 110.1 204.5

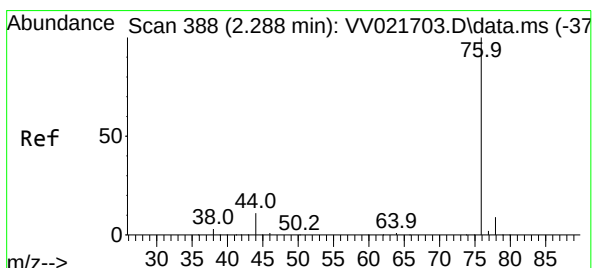
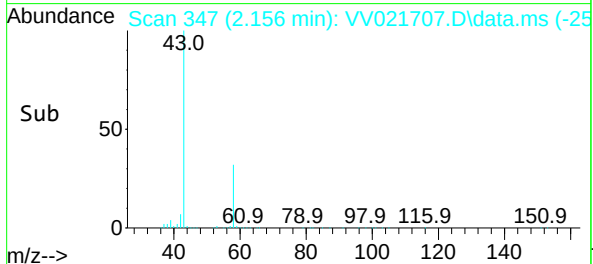
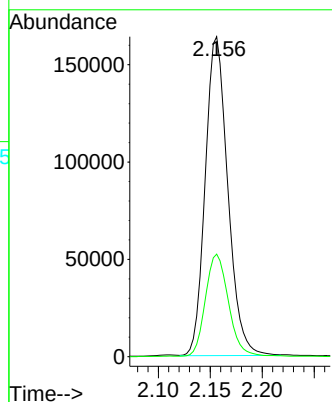
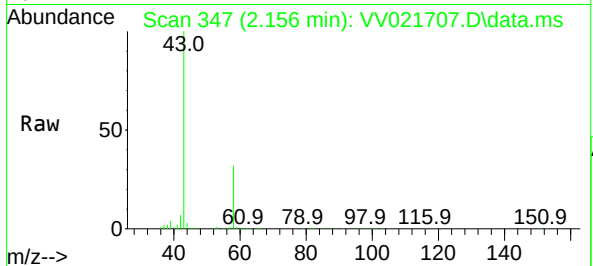




#13
Acetone
Concen: 147.435 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

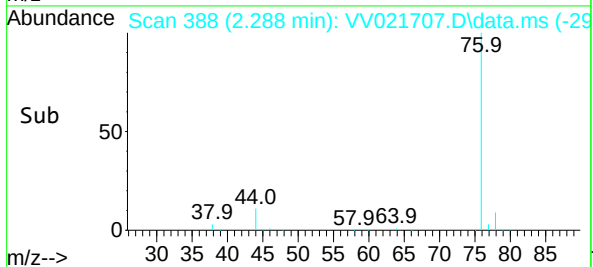
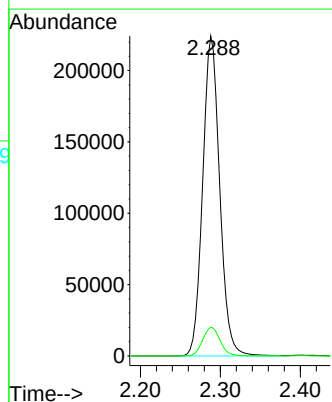
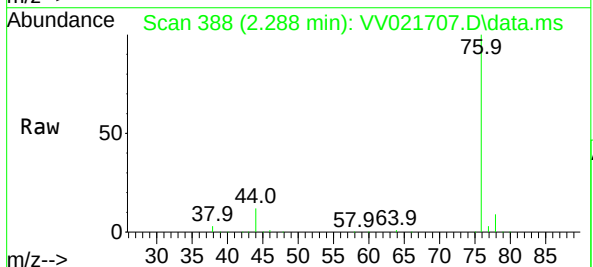
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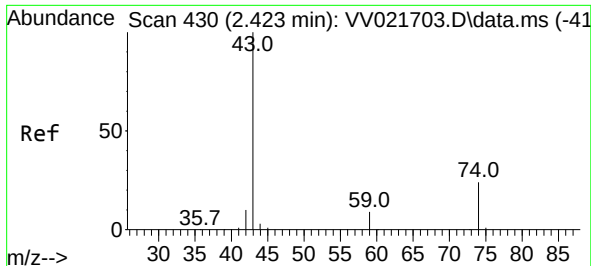
Tgt Ion: 43 Resp: 247352
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.6



#14
Carbon disulfide
Concen: 43.075 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 76 Resp: 332387
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

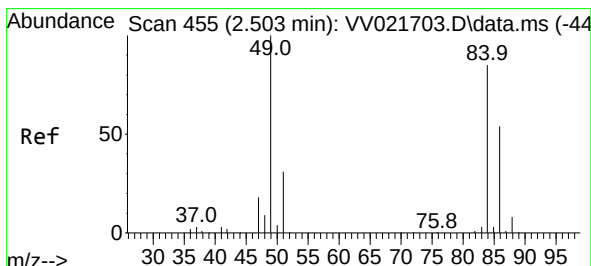
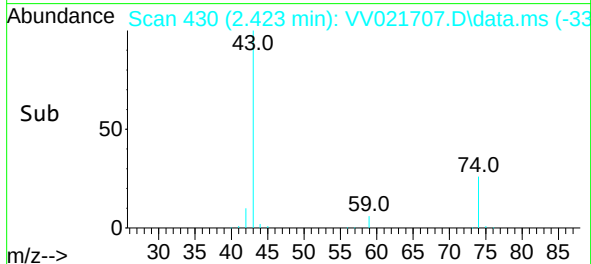
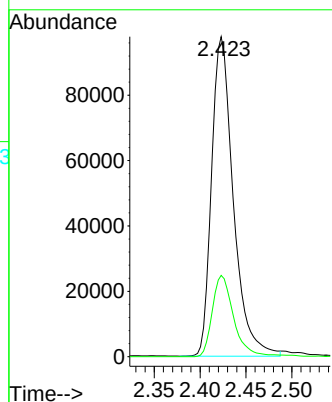
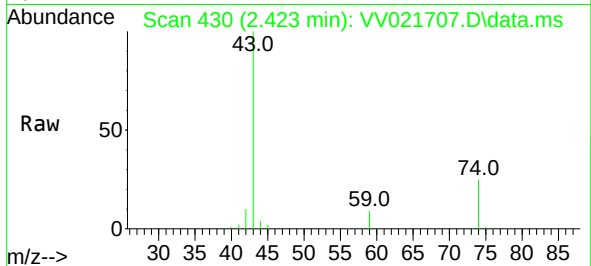




#15
Methyl Acetate
Concen: 43.862 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

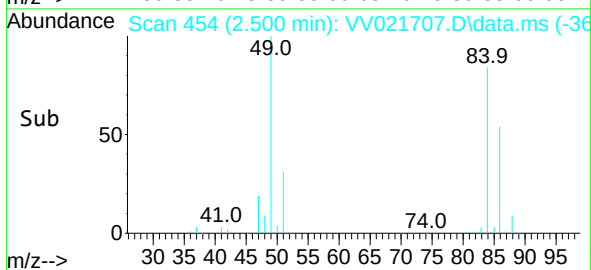
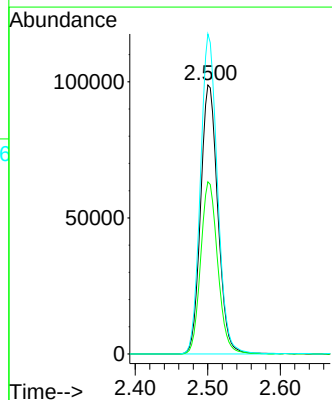
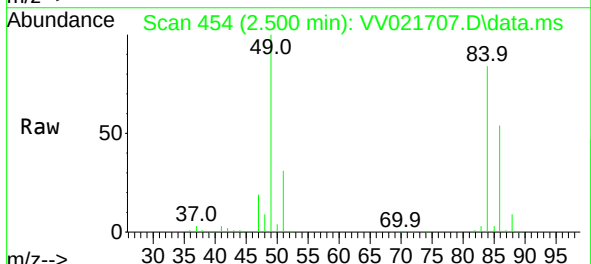
Instrument :
MSVOA_V
ClientSampled :

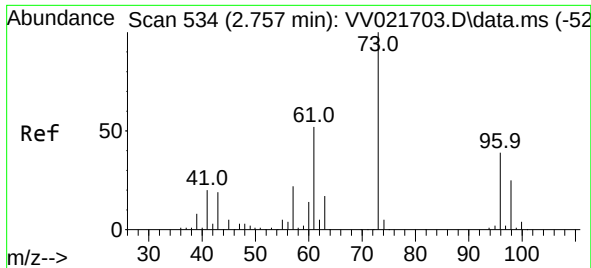
Tgt Ion: 43 Resp: 161377
Ion Ratio Lower Upper
43 100
74 25.3 19.3 28.9



#16
Methylene chloride
Concen: 44.130 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 84 Resp: 163012
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.9
49 119.0 81.1 150.7

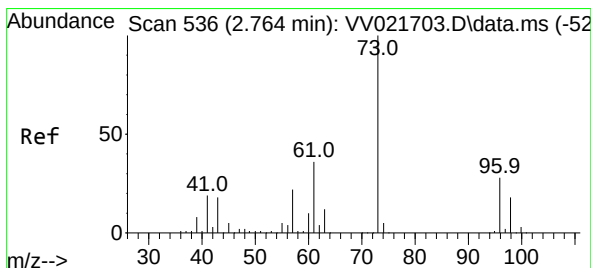
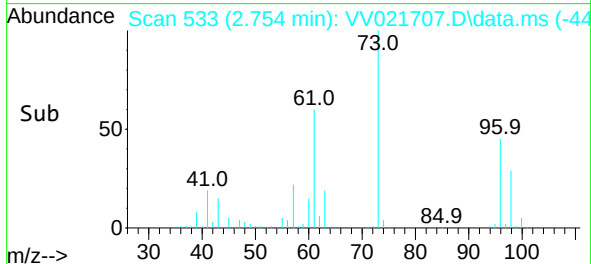
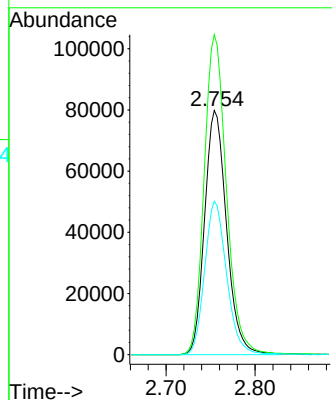
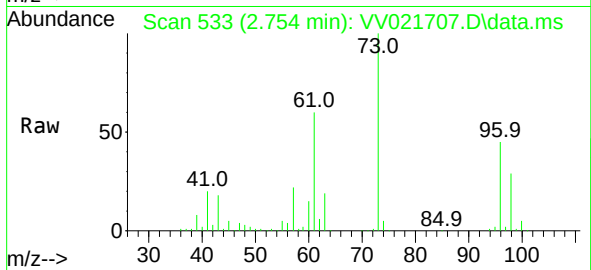




#17
trans-1,2-Dichloroethene
Concen: 44.870 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

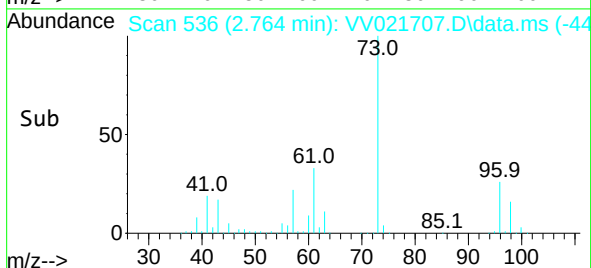
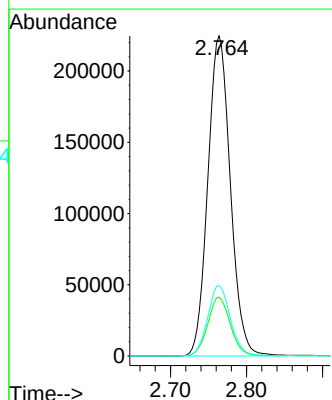
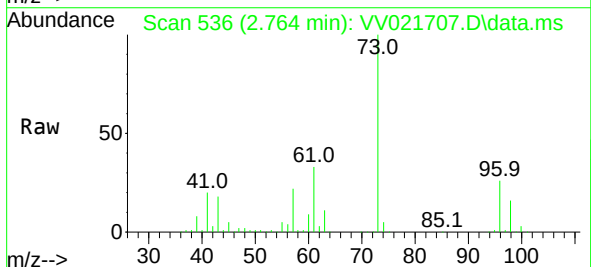
Instrument :
MSVOA_V
ClientSampled :

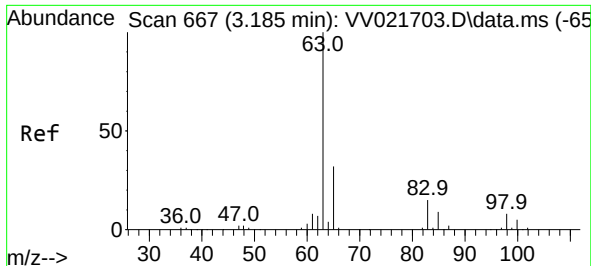
Tgt Ion: 96 Resp: 136793
Ion Ratio Lower Upper
96 100
61 131.0 93.7 174.1
98 62.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 44.682 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 73 Resp: 462025
Ion Ratio Lower Upper
73 100
43 18.3 14.3 21.5
57 22.1 17.3 25.9

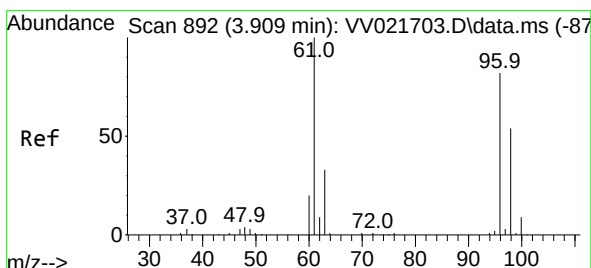
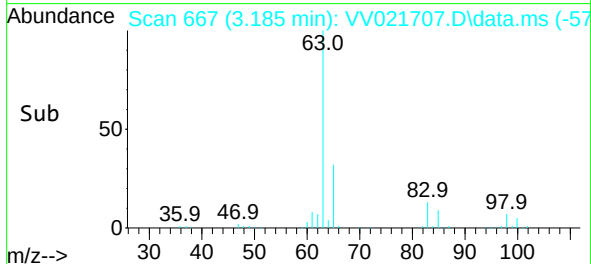
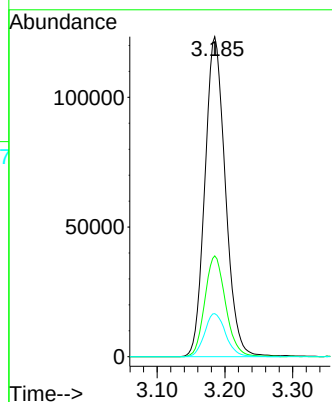
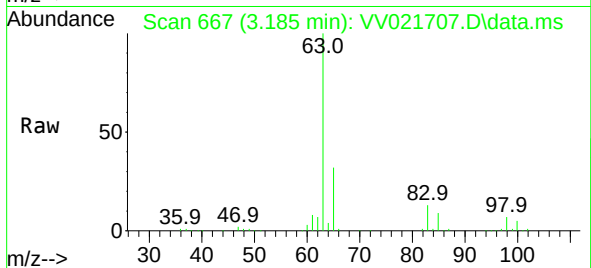




#19
1,1-Dichloroethane
Concen: 45.027 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

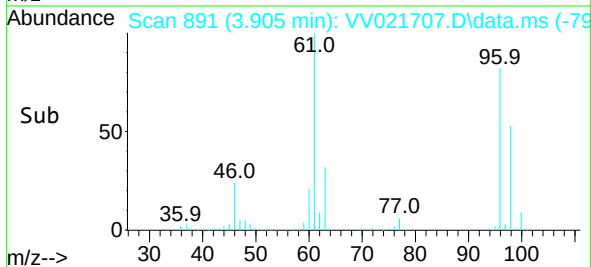
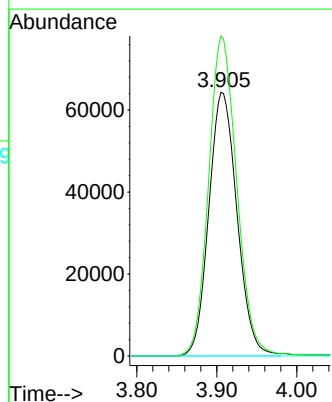
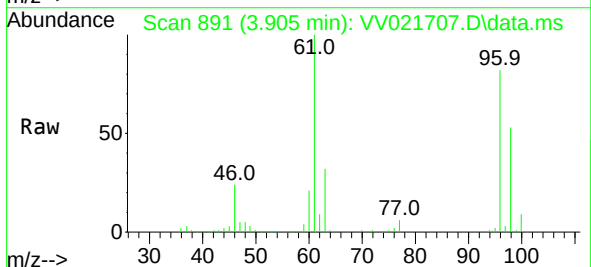
Instrument :
MSVOA_V
ClientSampled :

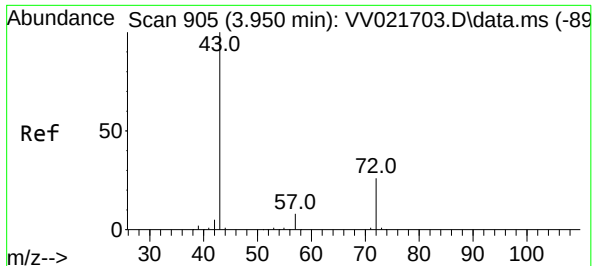
Tgt Ion: 63 Resp: 259179
Ion Ratio Lower Upper
63 100
65 31.5 22.0 40.8
83 13.5 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 44.611 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 96 Resp: 157385
Ion Ratio Lower Upper
96 100
61 121.4 85.3 158.3
68 0.0 0.0 0.0

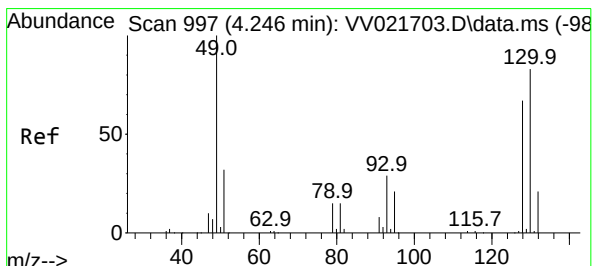
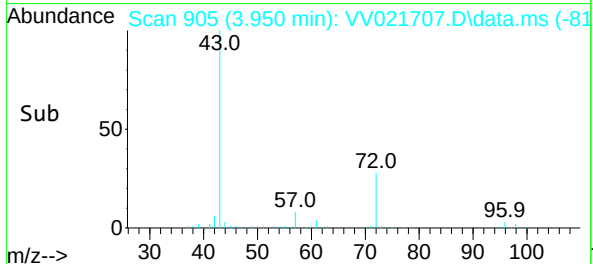
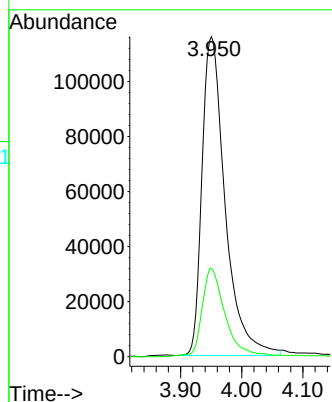
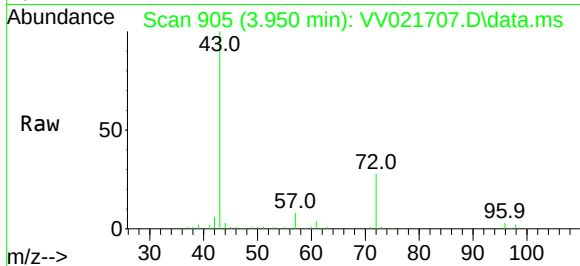




#22
2-Butanone
Concen: 118.961 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

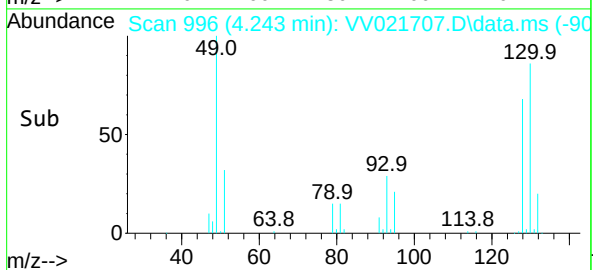
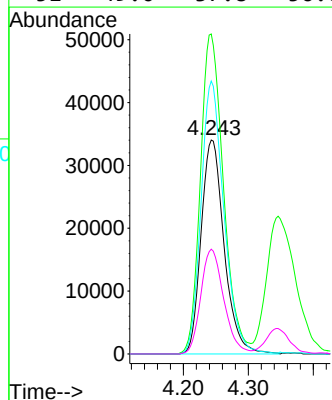
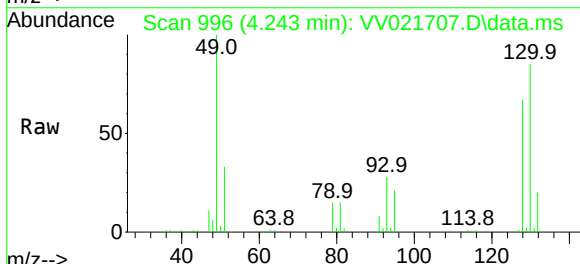
Instrument :
MSVOA_V
ClientSampled :

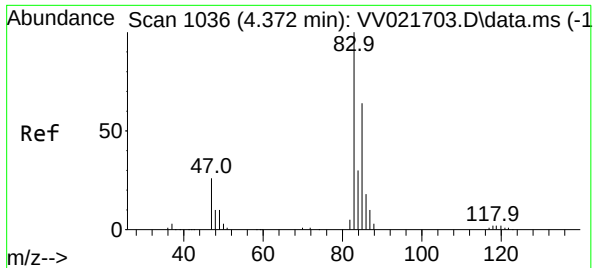
Tgt Ion: 43 Resp: 304531
Ion Ratio Lower Upper
43 100
72 27.3 13.2 39.5



#23
Bromochloromethane
Concen: 45.001 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 128 Resp: 84001
Ion Ratio Lower Upper
128 100
49 149.5 106.8 198.4
130 127.5 90.6 168.2
51 49.0 37.8 56.6

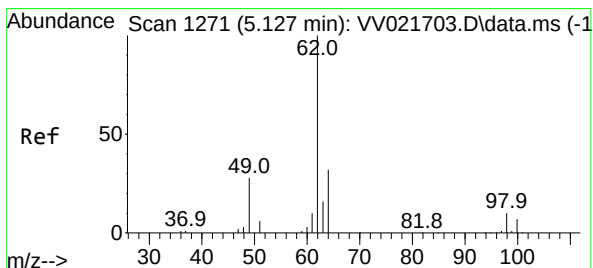
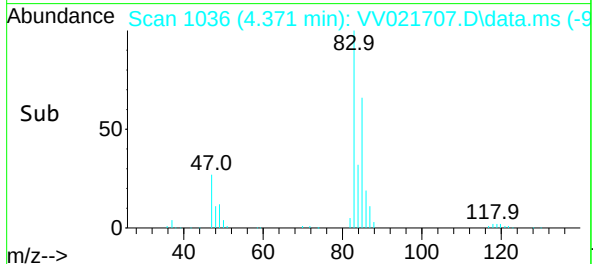
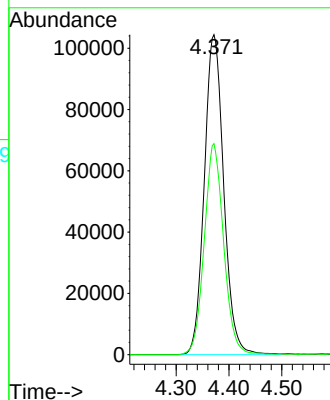
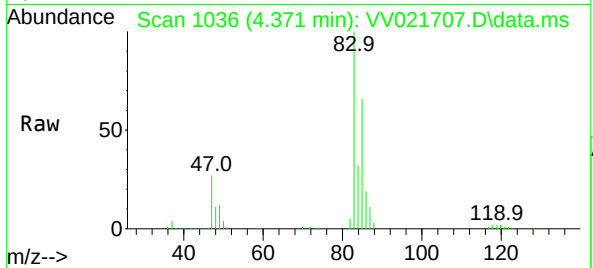




#25
Chloroform
Concen: 44.855 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

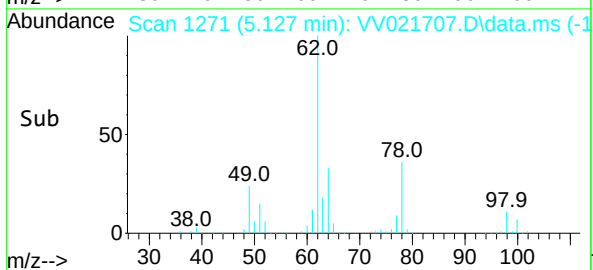
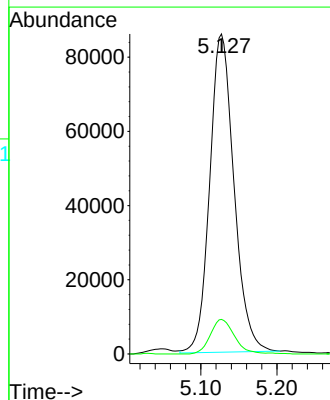
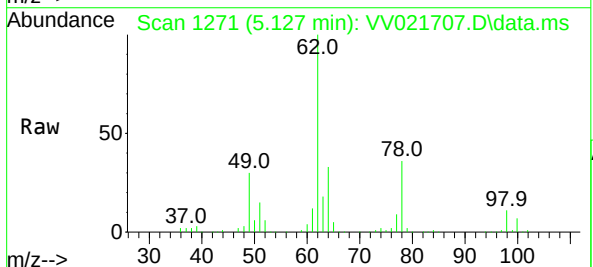
Instrument :
MSVOA_V
ClientSampled :

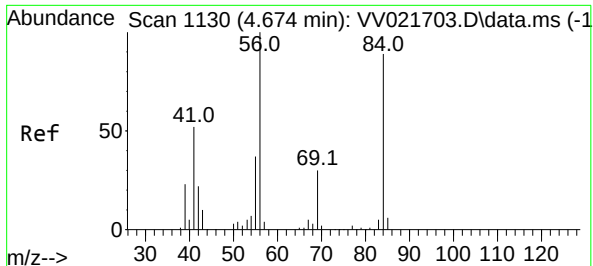
Tgt Ion: 83 Resp: 266878
Ion Ratio Lower Upper
83 100
85 66.0 43.8 81.4



#27
1,2-Dichloroethane
Concen: 44.545 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 62 Resp: 190228
Ion Ratio Lower Upper
62 100
98 10.8 8.7 13.1





#29

Cyclohexane

Concen: 44.996 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

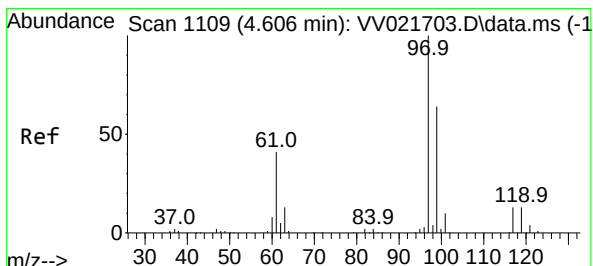
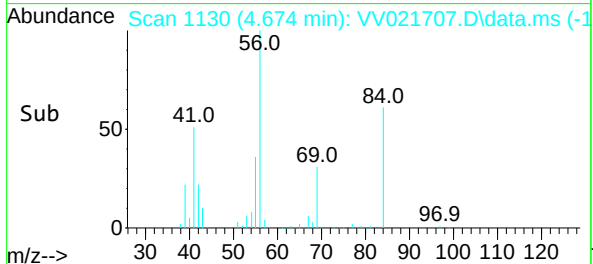
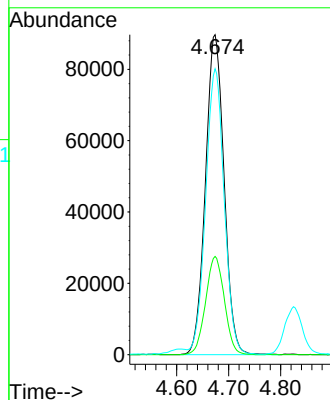
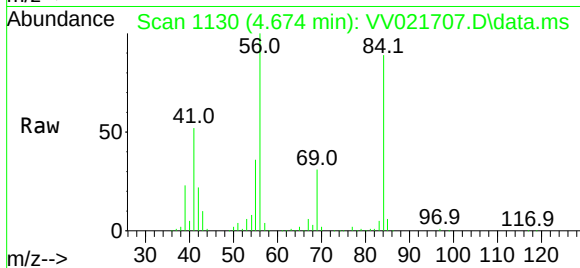
Tgt Ion: 56 Resp: 223818

Ion Ratio Lower Upper

56 100

69 30.8 24.5 36.7

84 88.8 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 44.473 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

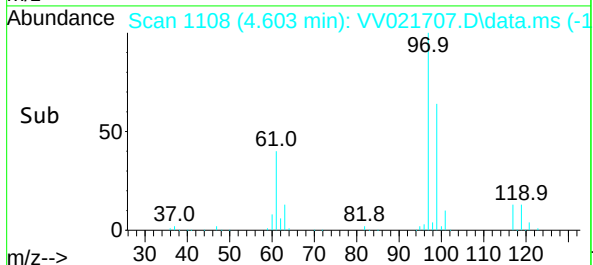
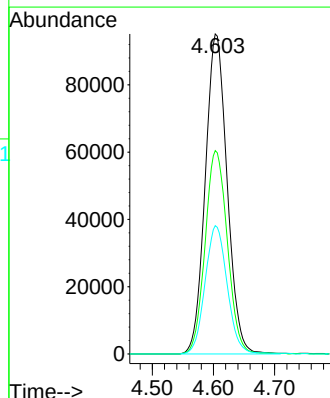
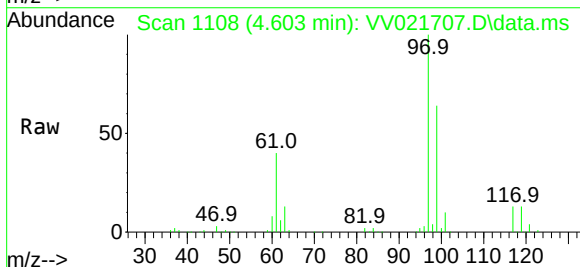
Tgt Ion: 97 Resp: 236404

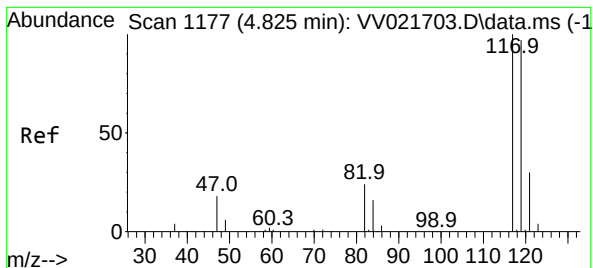
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 40.5 32.6 49.0

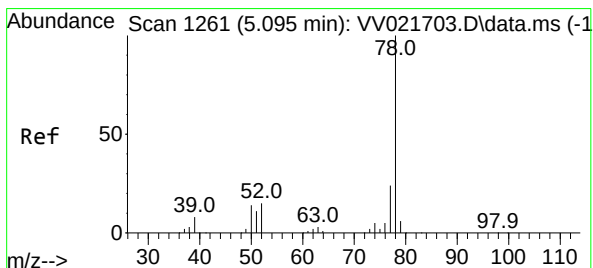
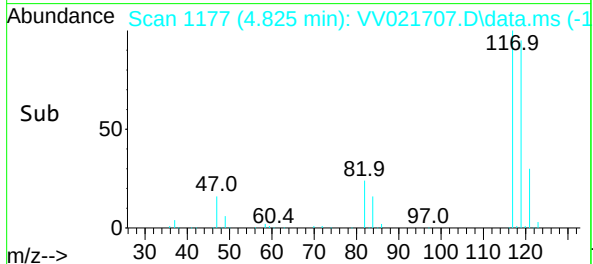
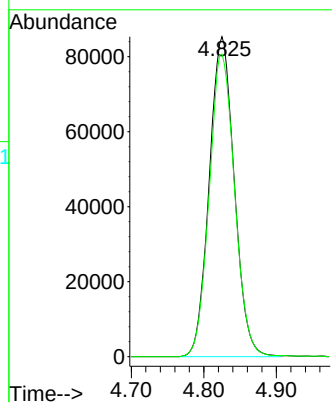
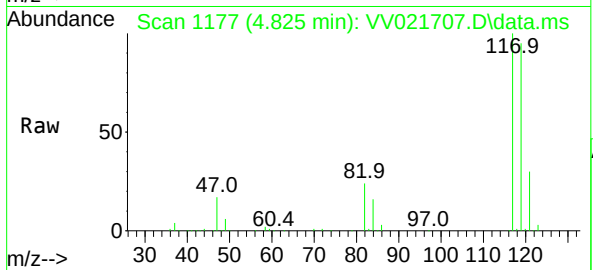




#31
Carbon tetrachloride
Concen: 44.703 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

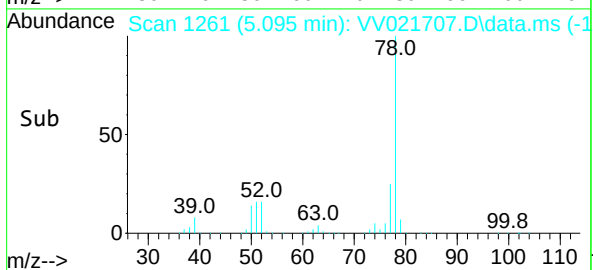
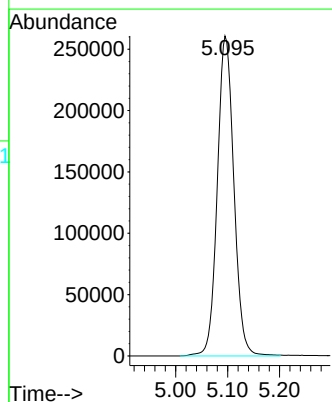
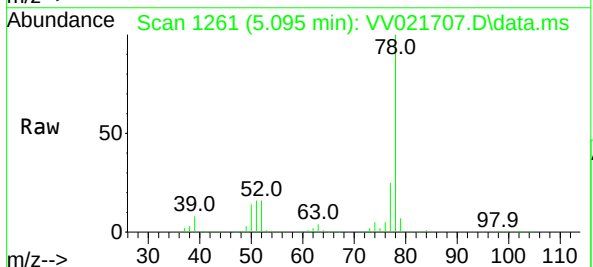
Instrument :
MSVOA_V
ClientSampled :

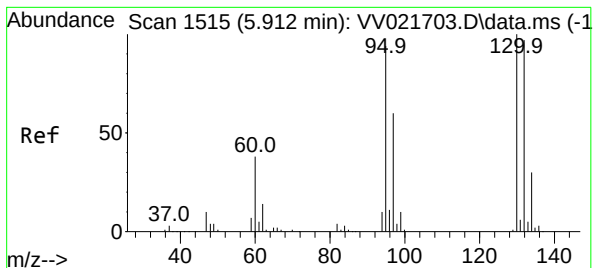
Tgt Ion:117 Resp: 204654
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5



#33
Benzene
Concen: 45.172 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 78 Resp: 577374





#34

Trichloroethene

Concen: 46.342 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

Tgt Ion: 95 Resp: 159973

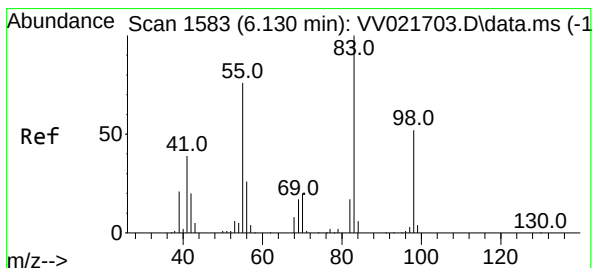
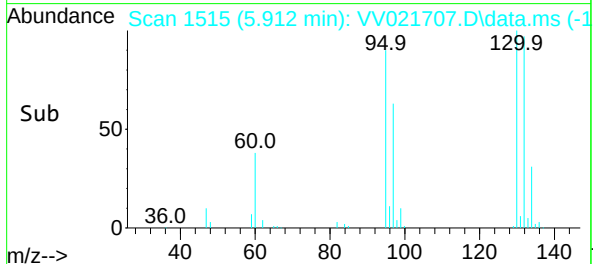
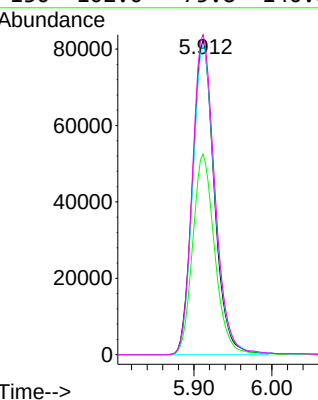
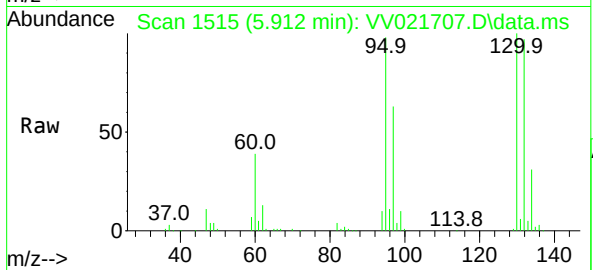
Ion Ratio Lower Upper

95 100

97 63.9 45.6 84.6

132 98.8 72.4 134.5

130 102.0 75.8 140.8



#35

Methylcyclohexane

Concen: 45.528 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

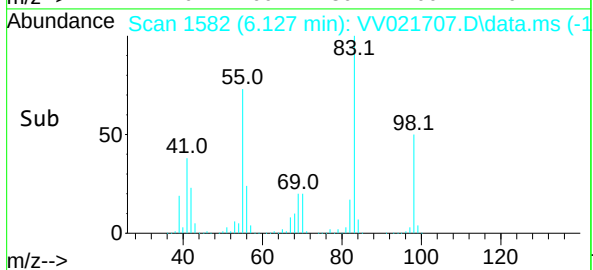
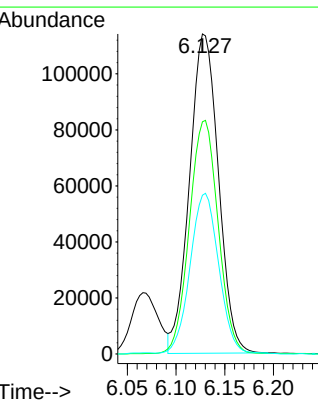
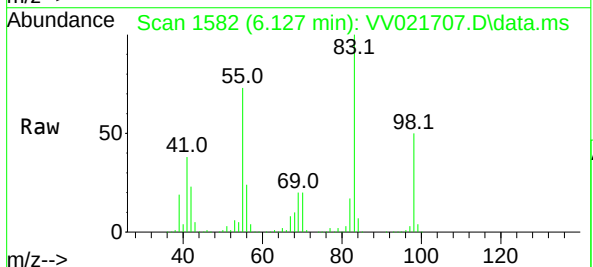
Tgt Ion: 83 Resp: 235411

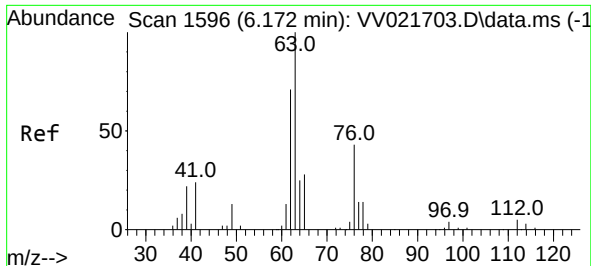
Ion Ratio Lower Upper

83 100

55 72.8 59.3 88.9

98 50.1 40.2 60.4





#37

1,2-Dichloropropane

Concen: 45.395 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VV021707.D

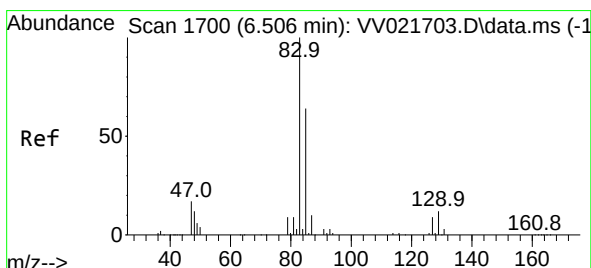
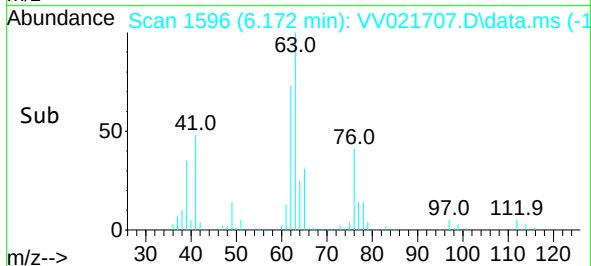
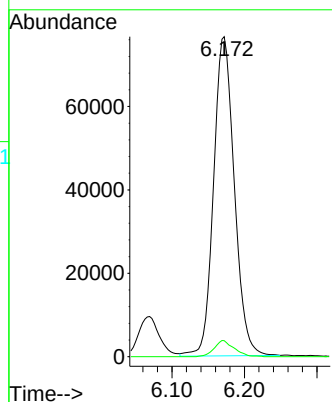
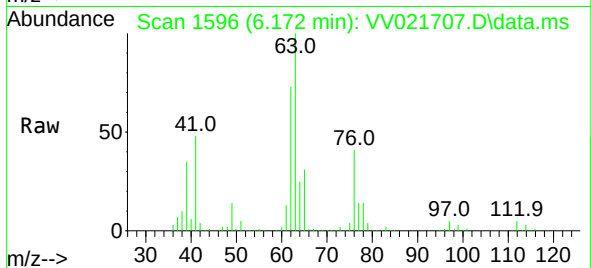
Acq: 28 Jul 2021 14:20

Tgt Ion: 63 Resp: 152072

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 44.579 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

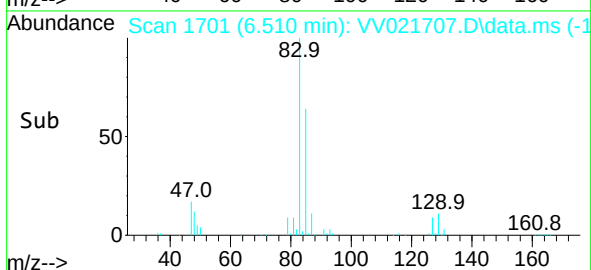
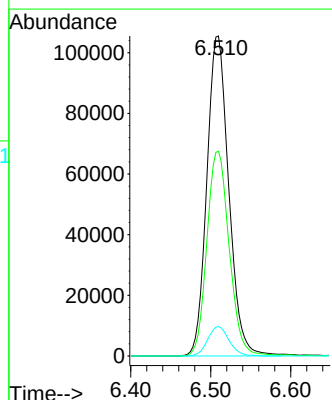
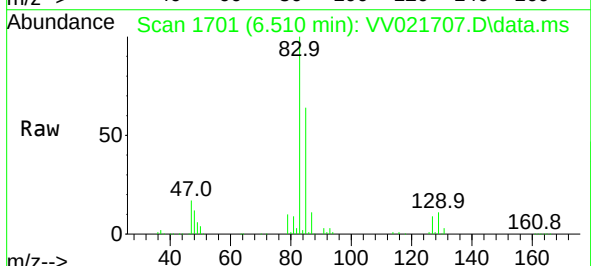
Tgt Ion: 83 Resp: 201142

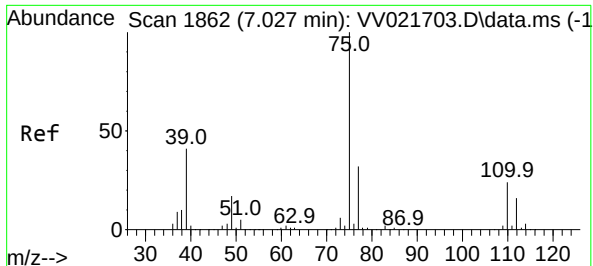
Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.5

127 9.2 7.4 11.0

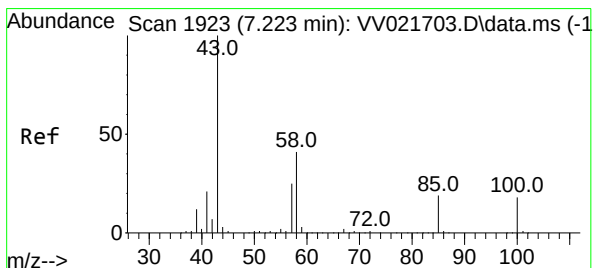
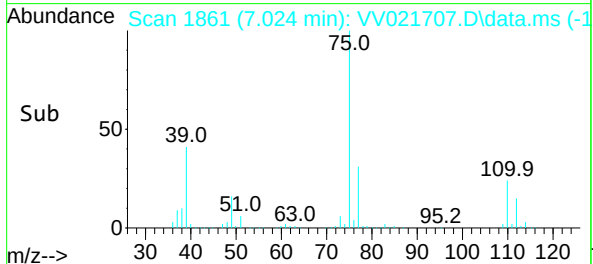
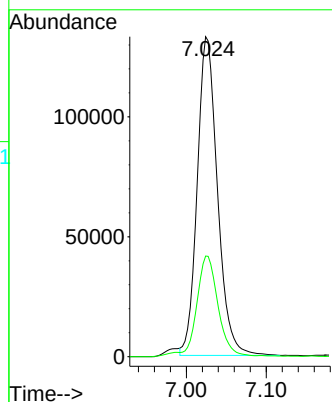
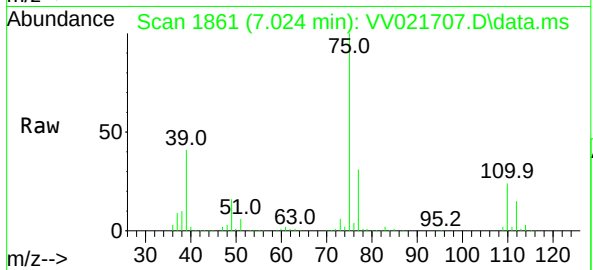




#39
 cis-1,3-Dichloropropene
 Concen: 43.740 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

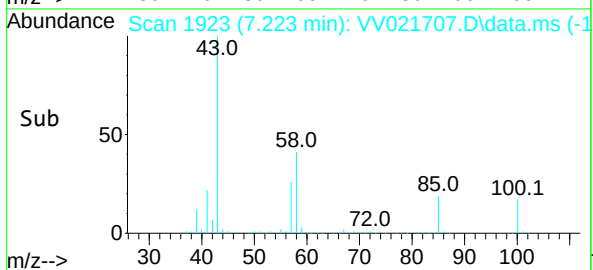
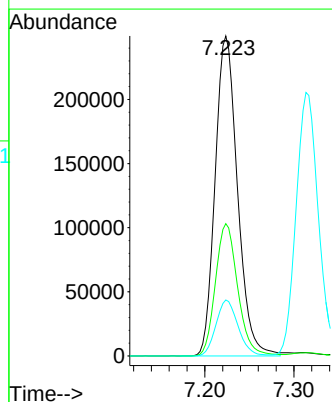
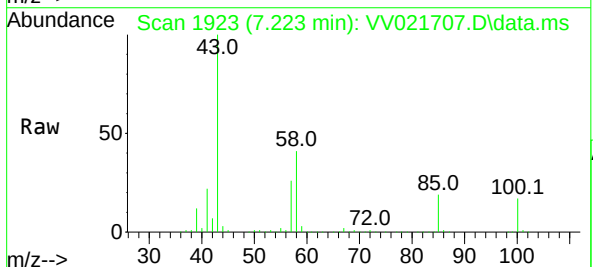
Instrument :
 MSVOA_V
 ClientSampled :

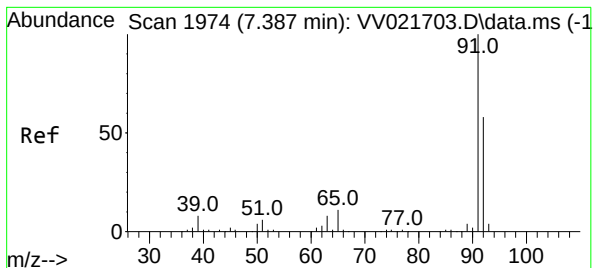
Tgt Ion: 75 Resp: 234666
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 88.901 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

Tgt Ion: 43 Resp: 435537
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.1 49.7
 100 17.3 13.8 20.8





#42

Toluene

Concen: 45.598 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV021707.D

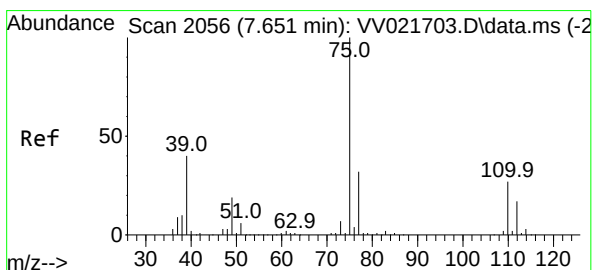
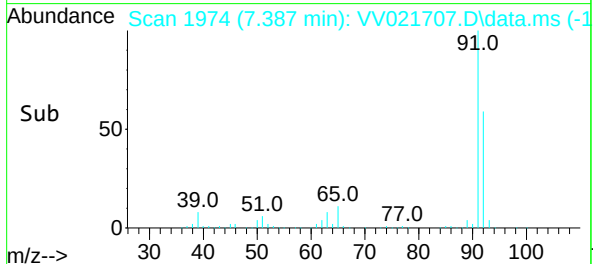
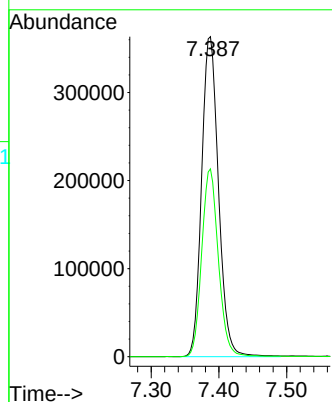
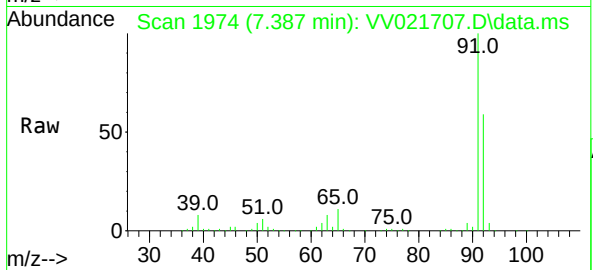
Acq: 28 Jul 2021 14:20

Tgt Ion: 91 Resp: 627555

Ion Ratio Lower Upper

91 100

92 58.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 45.340 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV021707.D

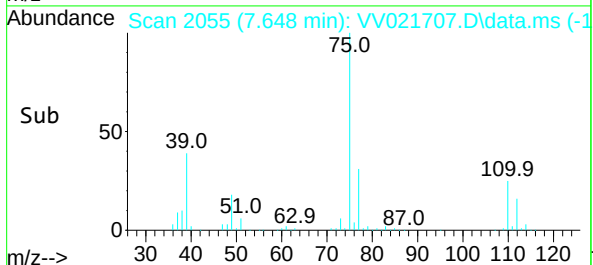
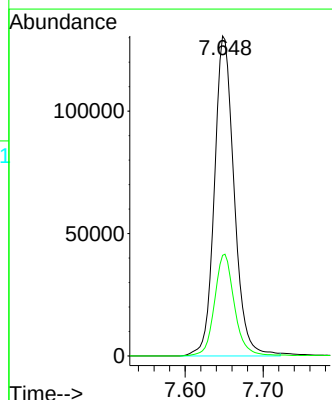
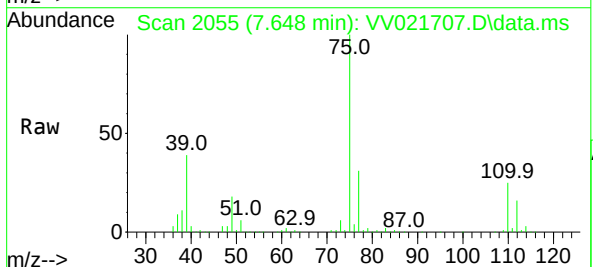
Acq: 28 Jul 2021 14:20

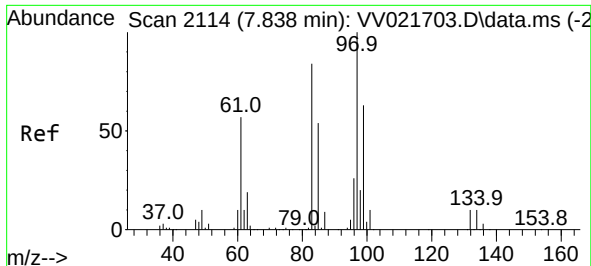
Tgt Ion: 75 Resp: 230470

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



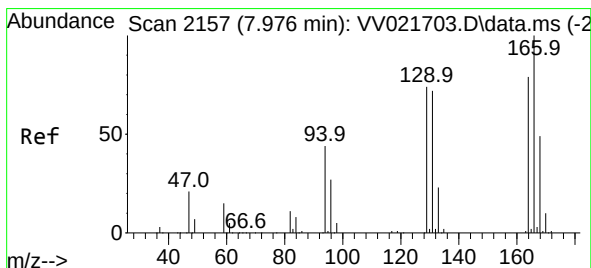
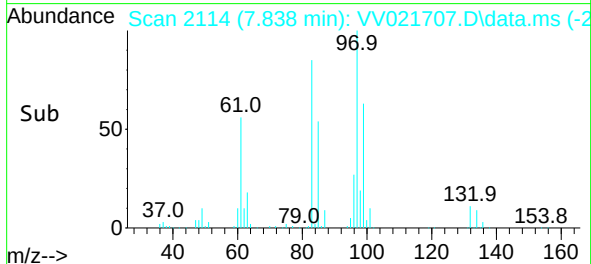
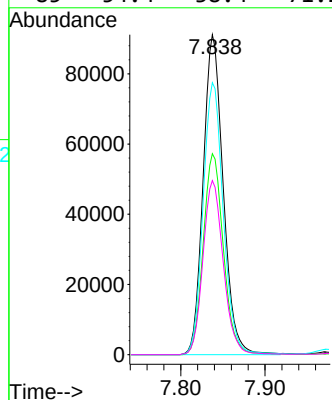
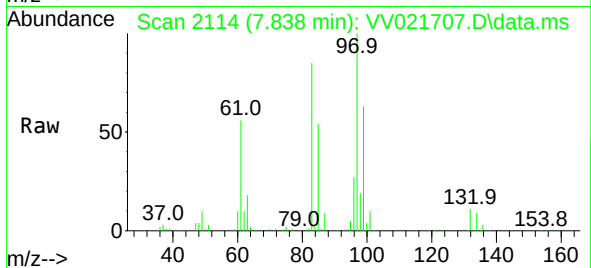


#45

1,1,2-Trichloroethane
Concen: 45.089 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Instrument :
MSVOA_V
ClientSampleId :

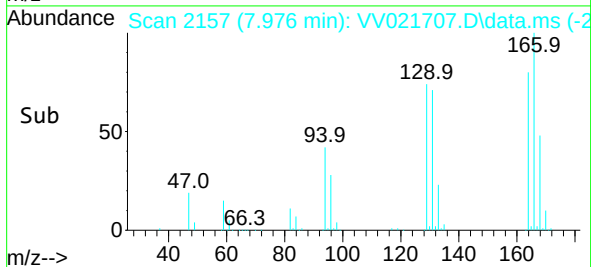
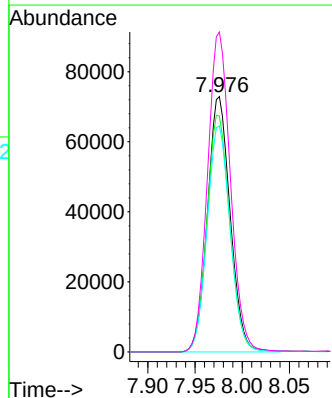
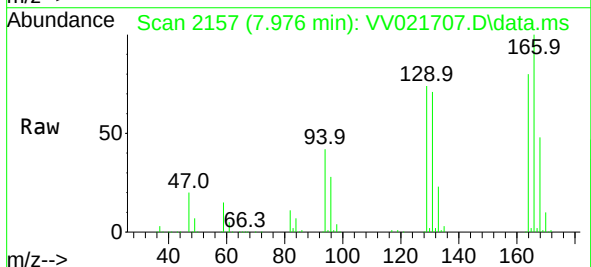
Tgt Ion:	97	Resp:	151067
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.8
83	85.0	59.1	109.9
85	54.4	38.4	71.2

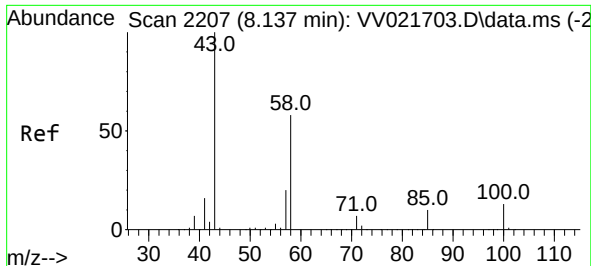


#46

Tetrachloroethene
Concen: 45.241 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:	164	Resp:	121926
Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.8	118.6
131	88.5	62.1	115.3
166	125.3	87.9	163.3

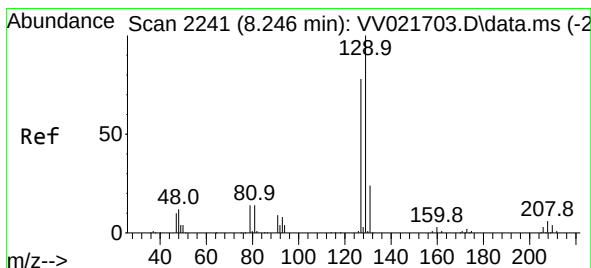
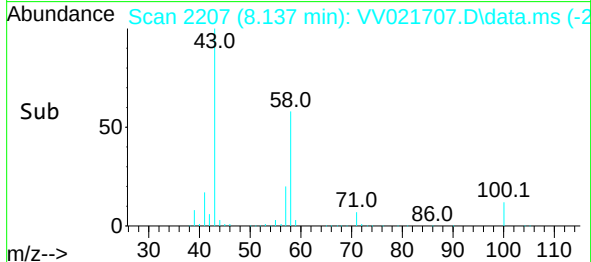
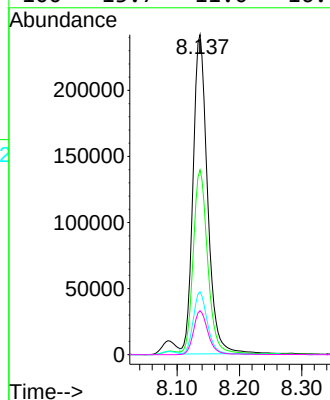
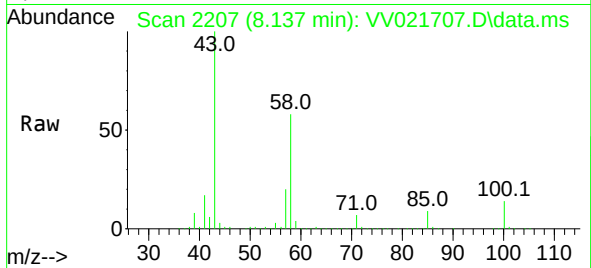




#48
2-Hexanone
Concen: 103.083 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

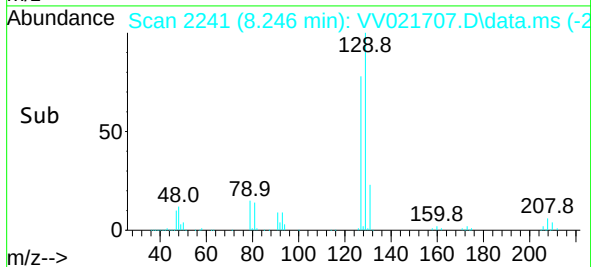
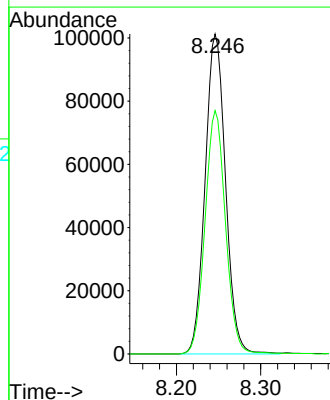
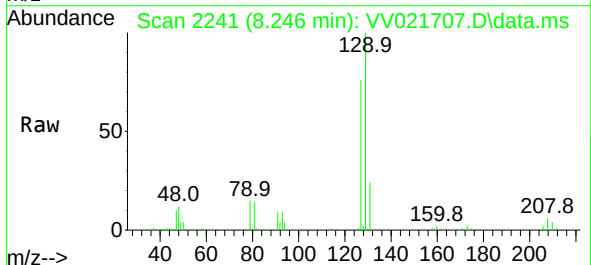
Instrument :
MSVOA_V
ClientSampleId :

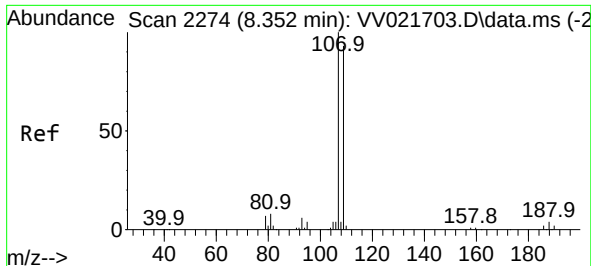
Tgt Ion:	43	Resp:	388927
Ion	Ratio	Lower	Upper
43	100		
58	57.2	46.0	69.0
57	18.8	15.6	23.4
100	13.7	11.0	16.4



#49
Dibromochloromethane
Concen: 45.154 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:	129	Resp:	170956
Ion	Ratio	Lower	Upper
129	100		
127	76.0	55.6	103.4





#50

1,2-Dibromoethane

Concen: 45.396 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

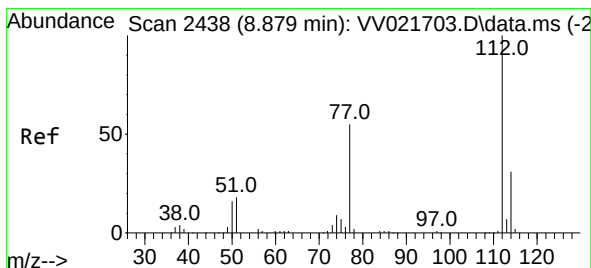
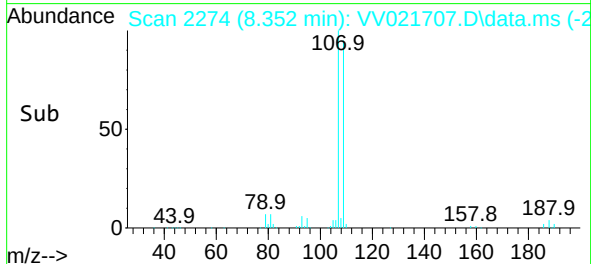
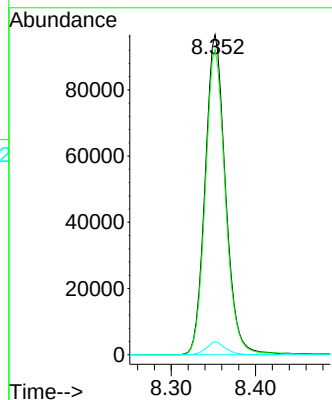
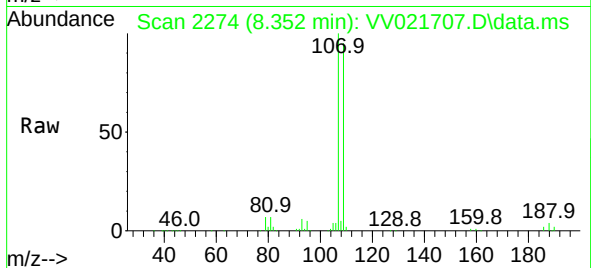
Tgt Ion:107 Resp: 162613

Ion Ratio Lower Upper

107 100

109 95.3 65.7 122.1

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 45.102 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV021707.D

Acq: 28 Jul 2021 14:20

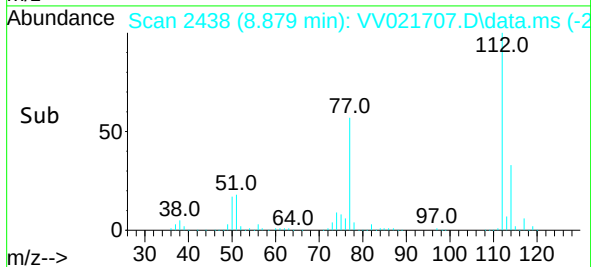
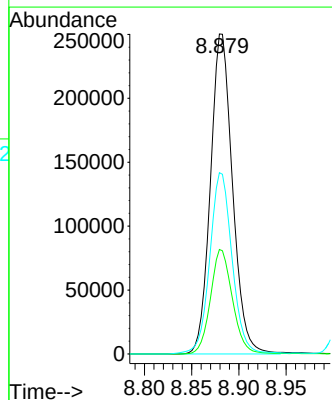
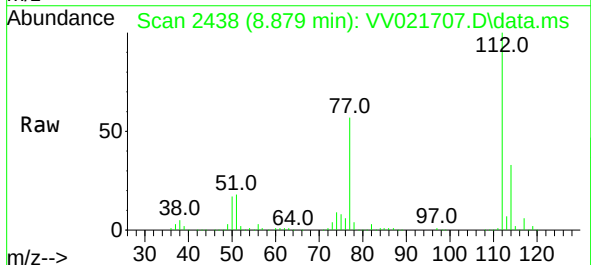
Tgt Ion:112 Resp: 407161

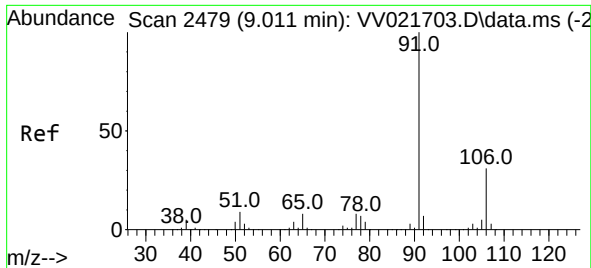
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.9

77 56.7 45.0 67.6

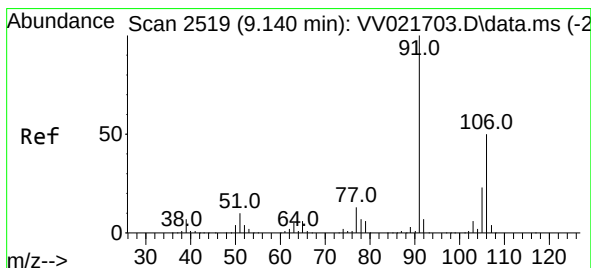
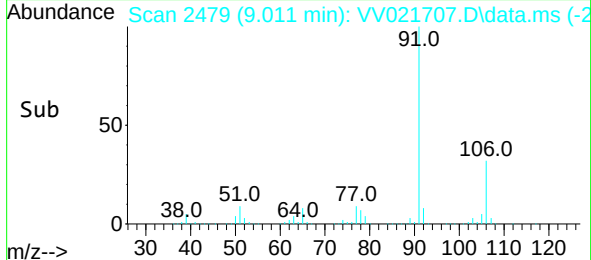
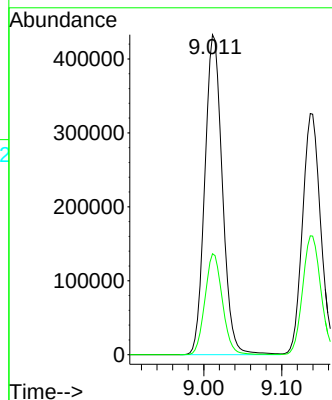
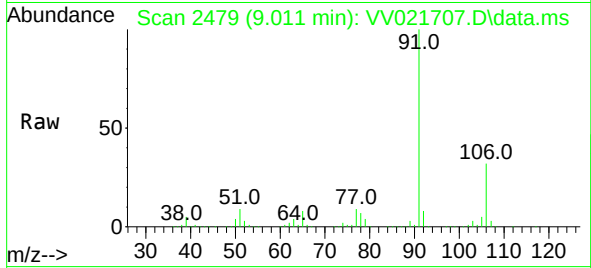




#52
Ethylbenzene
Concen: 45.978 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

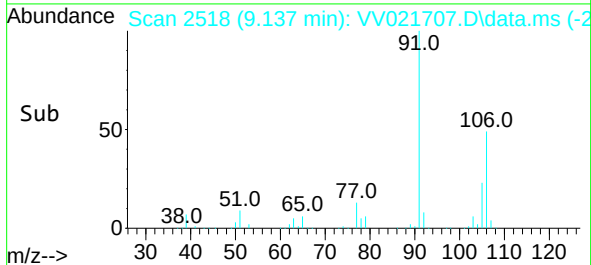
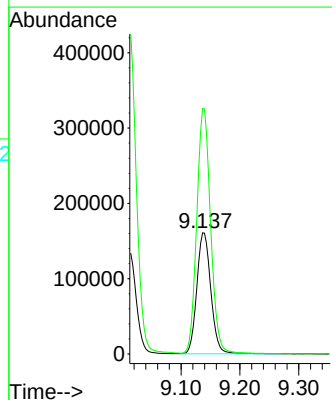
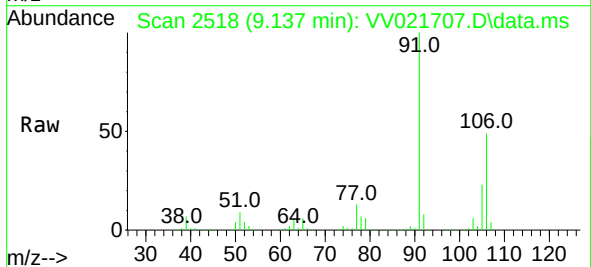
Instrument :
MSVOA_V
ClientSampleId :

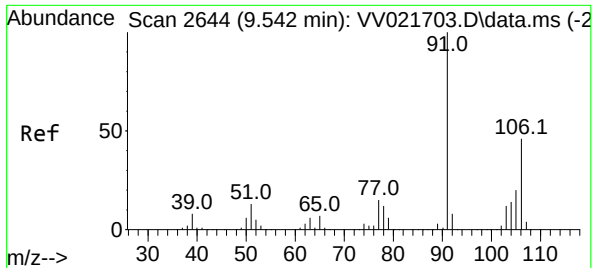
Tgt Ion: 91 Resp: 677932
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 46.252 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 106 Resp: 264986
Ion Ratio Lower Upper
106 100
91 202.7 142.0 263.6

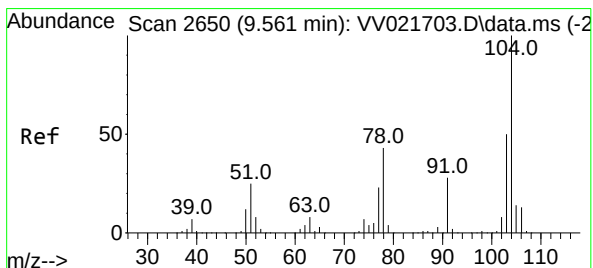
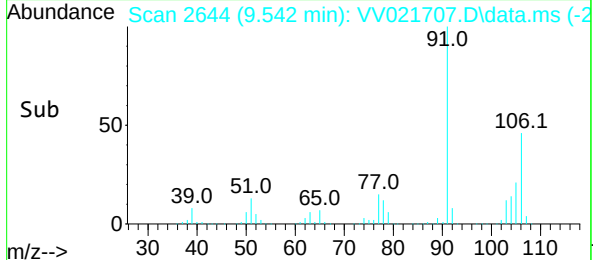
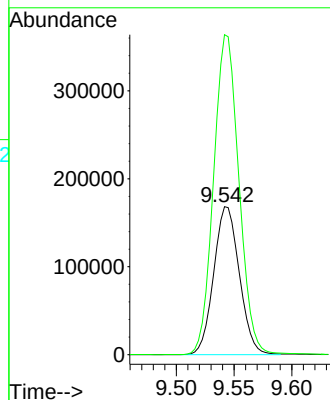
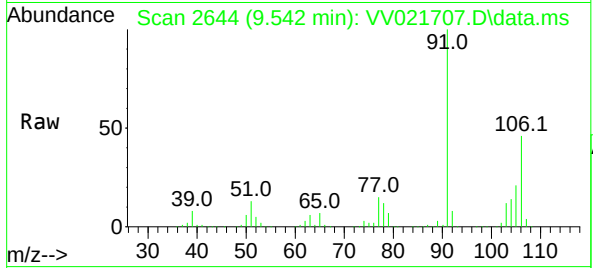




#54
o-Xylene
Concen: 45.322 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

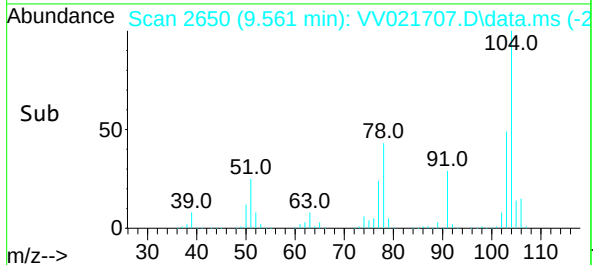
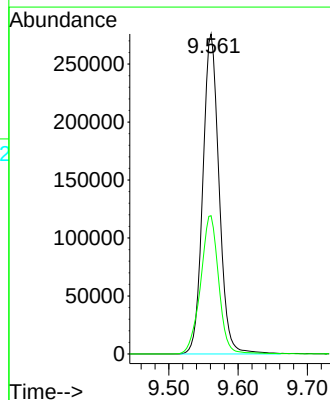
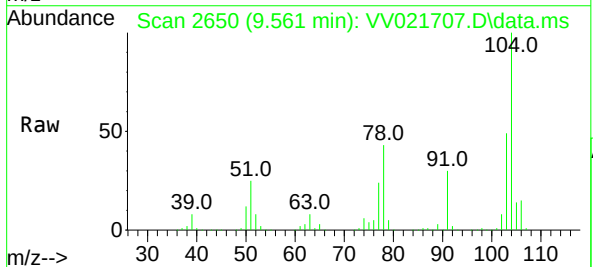
Instrument :
MSVOA_V
ClientSampleId :

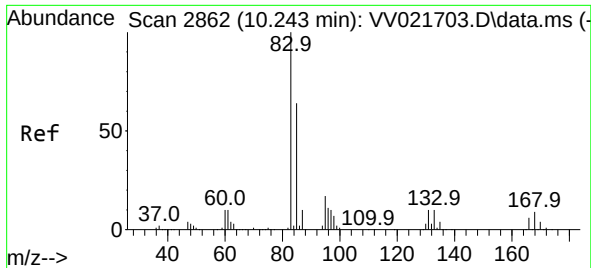
Tgt Ion:106 Resp: 260004
Ion Ratio Lower Upper
106 100
91 216.1 146.8 272.6



#55
Styrene
Concen: 46.531 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:104 Resp: 449869
Ion Ratio Lower Upper
104 100
78 43.2 30.1 55.9

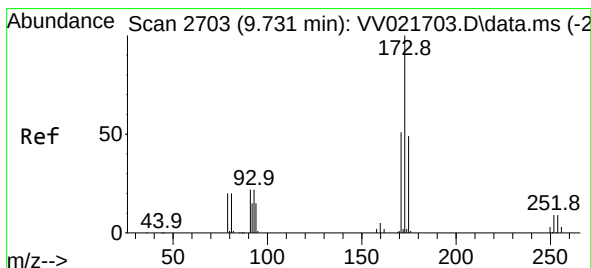
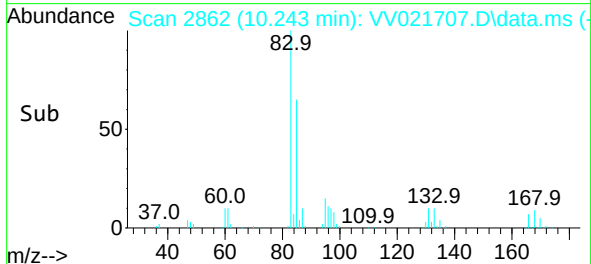
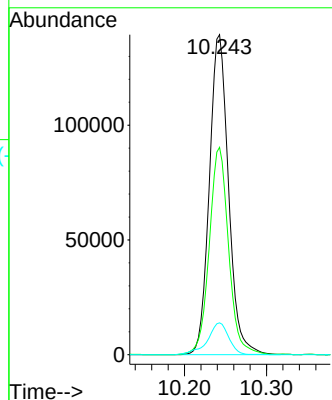
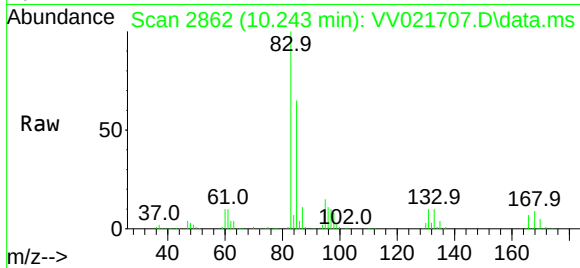




#57
1,1,2,2-Tetrachloroethane
Concen: 43.994 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

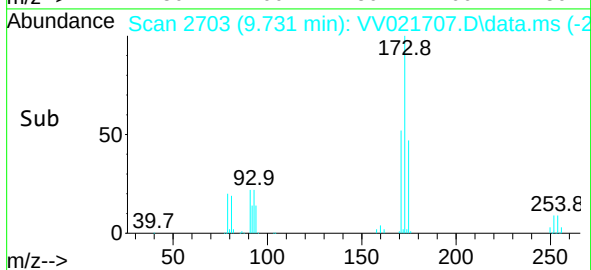
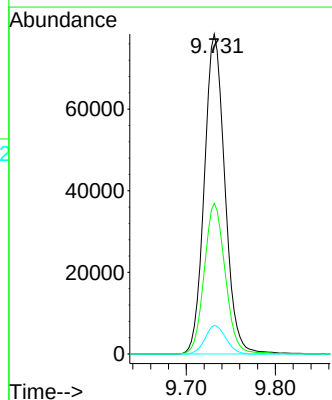
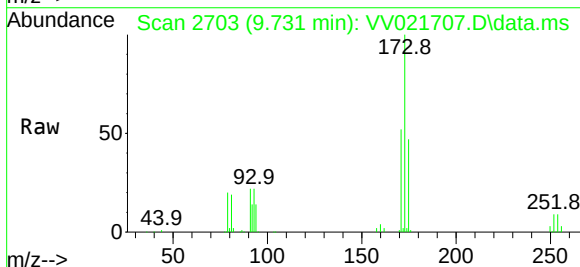
Instrument :
MSVOA_V
ClientSampleId :

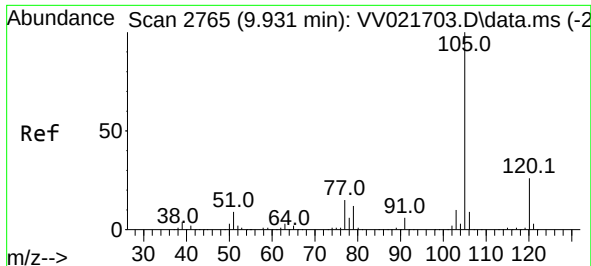
Tgt Ion: 83 Resp: 226891
Ion Ratio Lower Upper
83 100
85 64.8 45.3 84.1
131 10.0 8.2 12.2



#59
Bromoform
Concen: 42.122 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 173 Resp: 125553
Ion Ratio Lower Upper
173 100
175 47.8 38.3 57.5
254 9.0 7.0 10.4

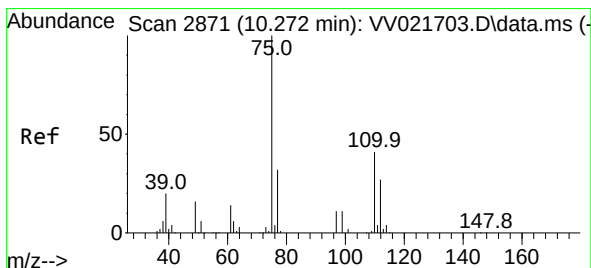
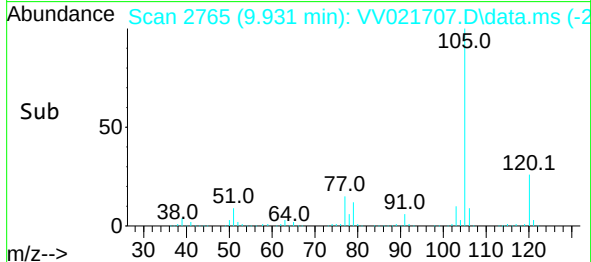
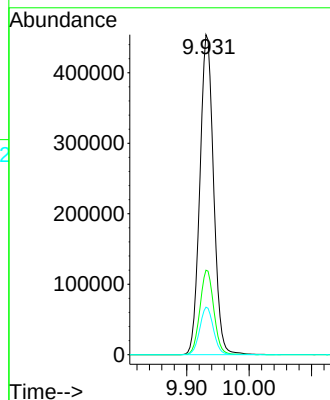
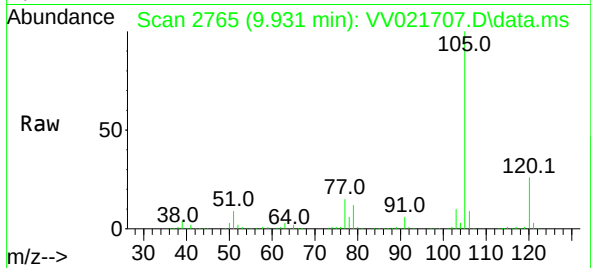




#60
Isopropylbenzene
Concen: 44.247 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

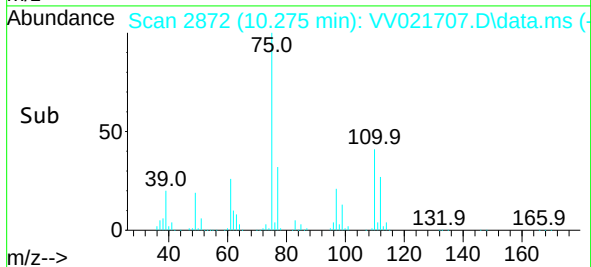
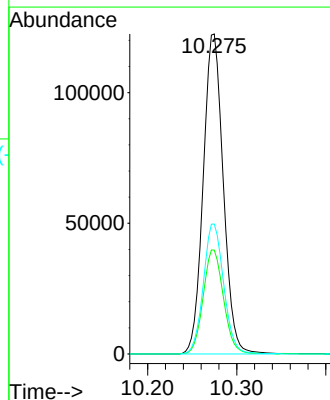
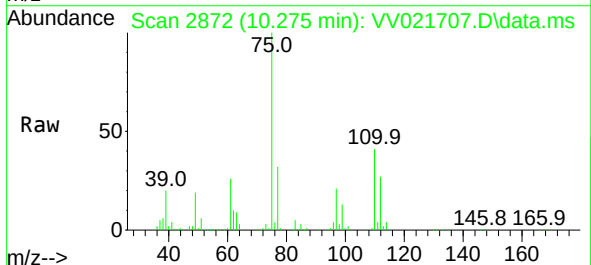
Instrument :
MSVOA_V
ClientSampleId :

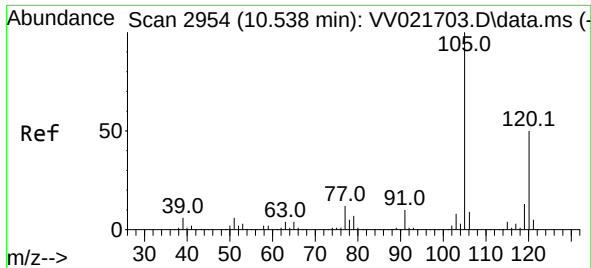
Tgt Ion:105 Resp: 694151
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 42.683 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion: 75 Resp: 191385
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
110 41.2 32.9 49.3

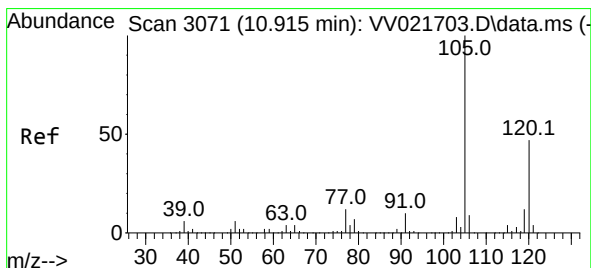
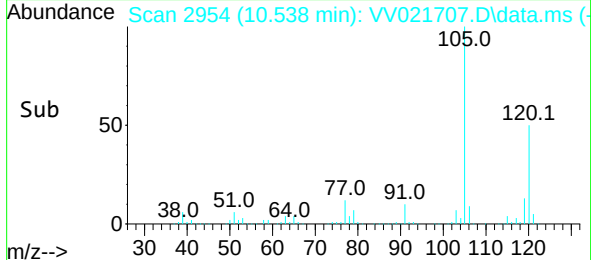
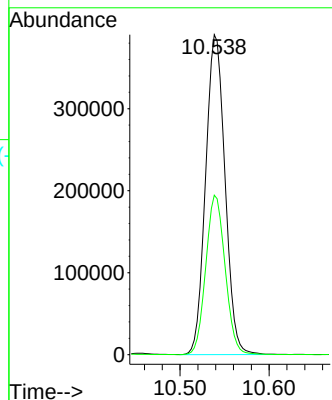
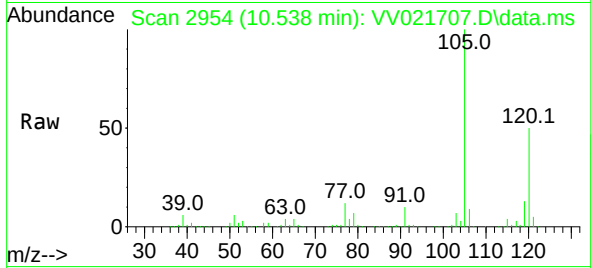




#62
1,3,5-Trimethylbenzene
Concen: 44.569 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

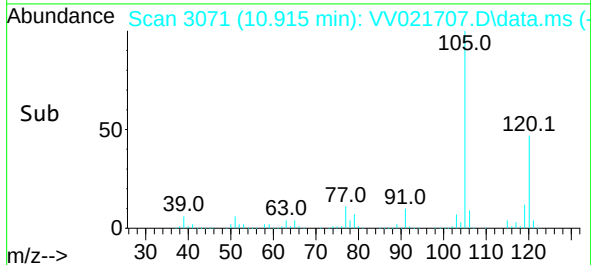
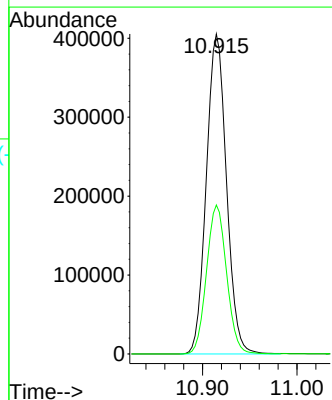
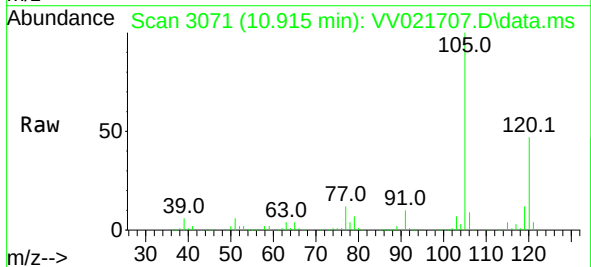
Instrument :
MSVOA_V
ClientSampled :

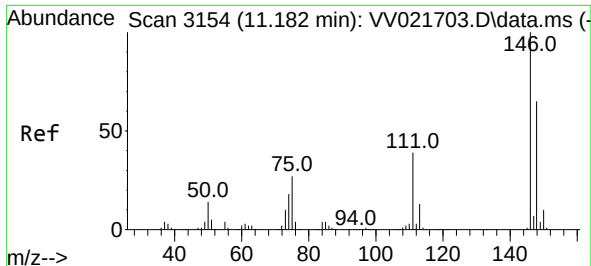
Tgt Ion:105 Resp: 589524
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 44.853 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:105 Resp: 599322
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.4

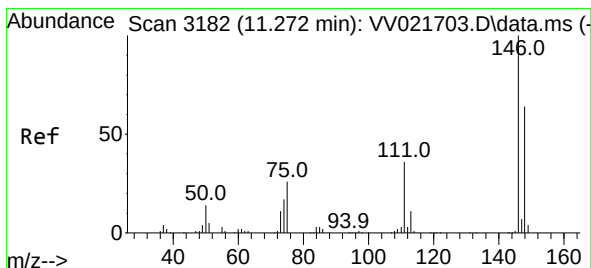
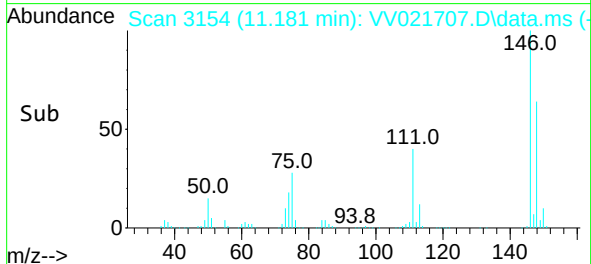
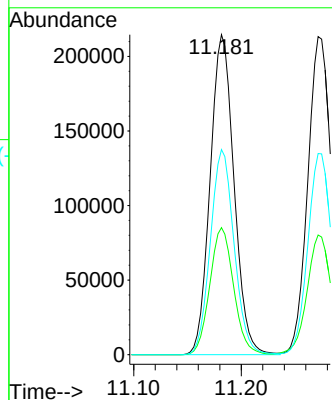
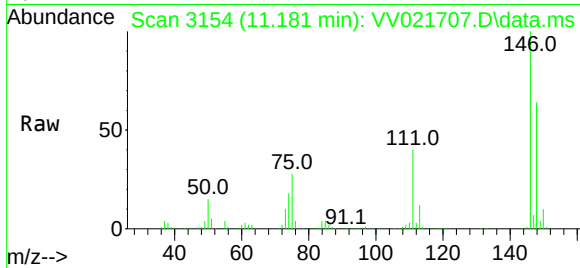




#64
1,3-Dichlorobenzene
Concen: 44.627 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

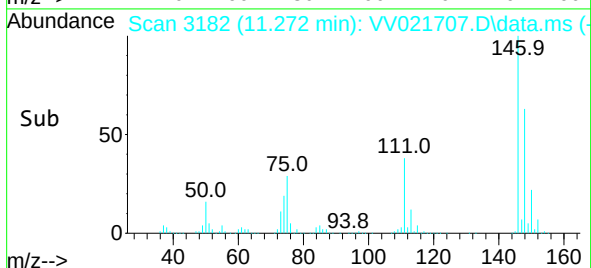
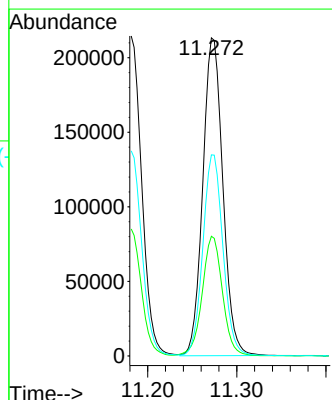
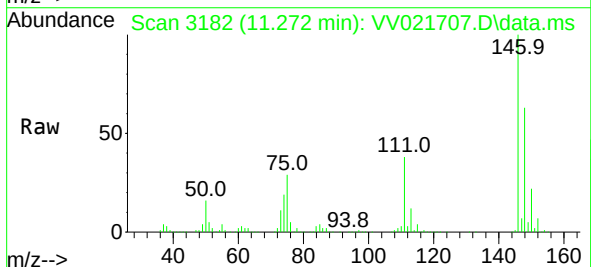
Instrument :
MSVOA_V
ClientSampled :

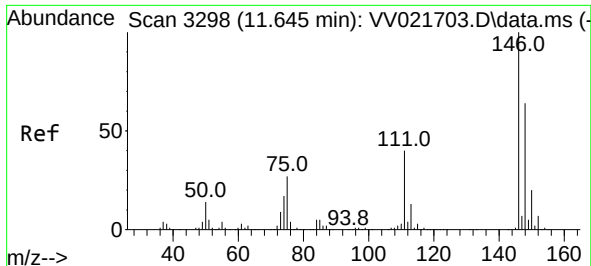
Tgt Ion:146 Resp: 330896
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.6
148 64.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 44.913 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:146 Resp: 333347
Ion Ratio Lower Upper
146 100
111 37.6 26.1 48.5
148 63.2 44.8 83.2

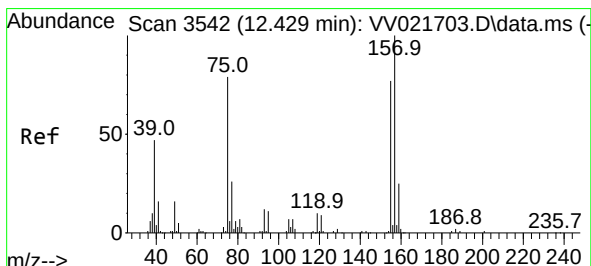
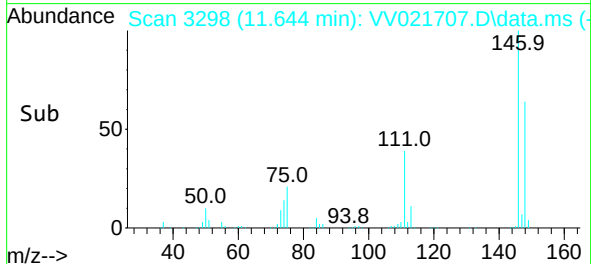
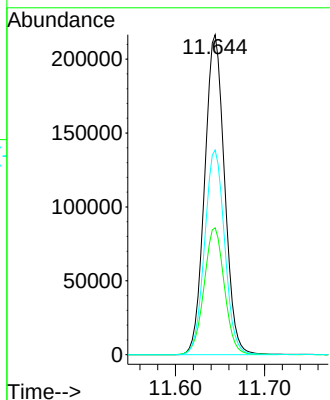
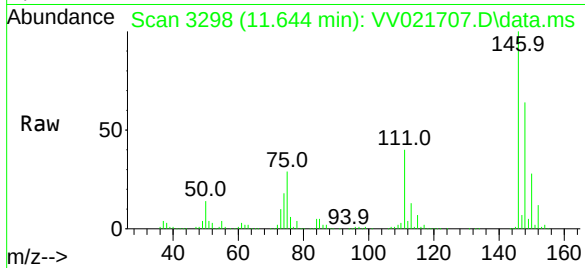




#67
1,2-Dichlorobenzene
Concen: 44.673 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

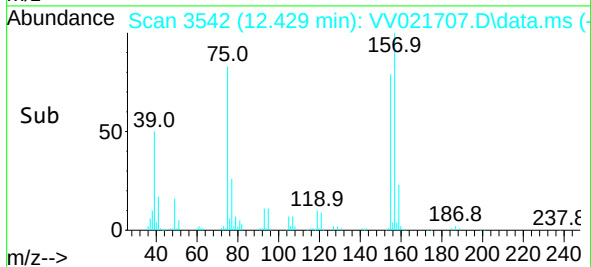
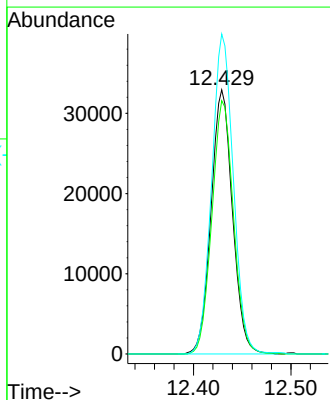
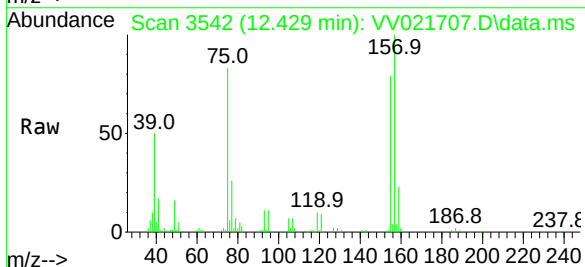
Instrument :
MSVOA_V
ClientSampleId :

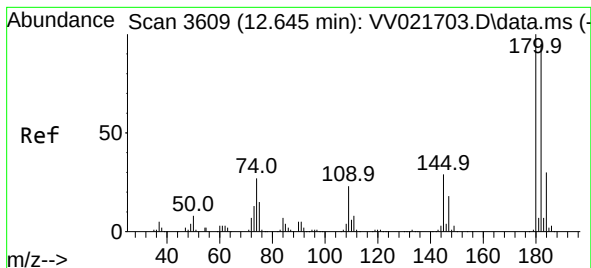
Tgt Ion:146 Resp: 336224
Ion Ratio Lower Upper
146 100
111 39.7 32.1 48.1
148 63.9 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 40.567 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

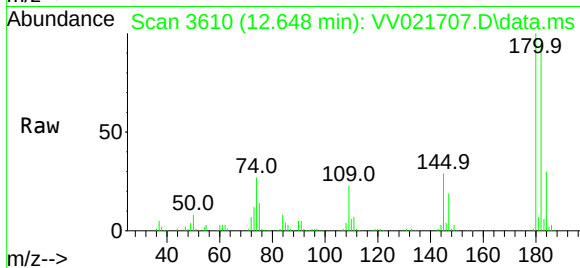
Tgt Ion: 75 Resp: 50315
Ion Ratio Lower Upper
75 100
155 95.9 77.0 115.4
157 121.2 100.7 151.1



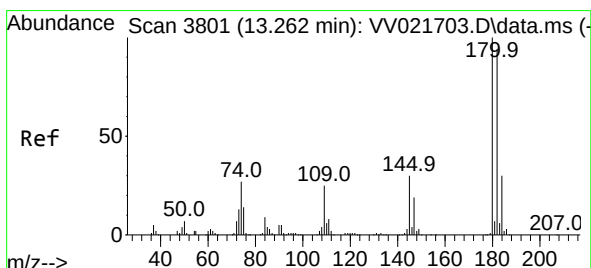
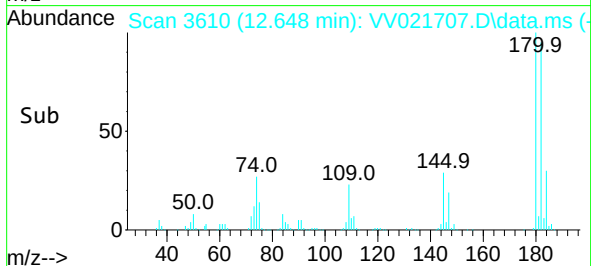
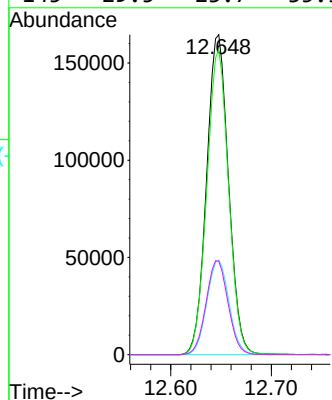


#69
 1,3,5-Trichlorobenzene
 Concen: 45.366 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

Instrument :
 MSVOA_V
 ClientSampled :

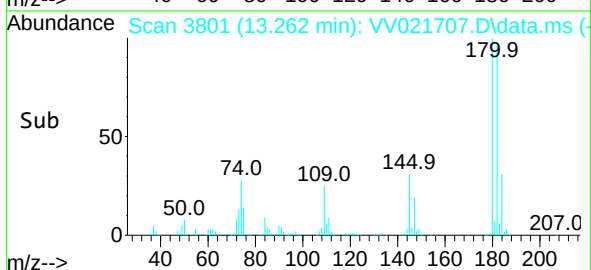
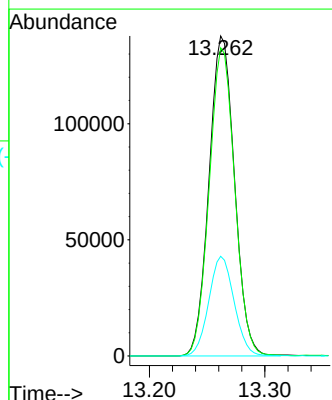
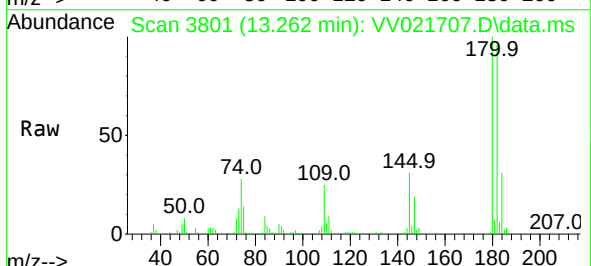


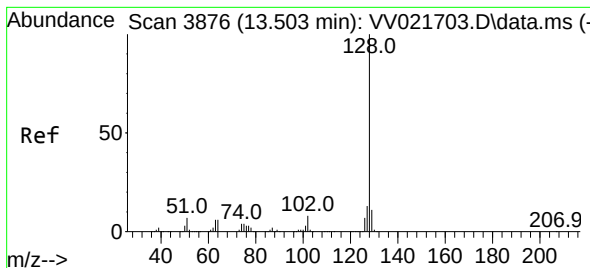
Tgt Ion:180 Resp: 249459
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.9 113.9
 184 29.8 24.9 37.3
 145 29.5 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 43.576 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV021707.D
 Acq: 28 Jul 2021 14:20

Tgt Ion:180 Resp: 211402
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.7 115.1
 145 31.0 24.5 36.7

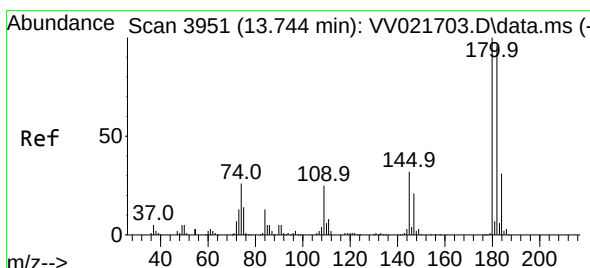
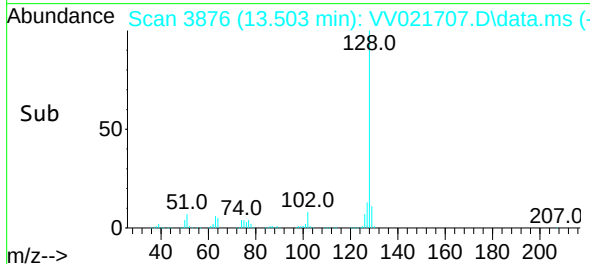
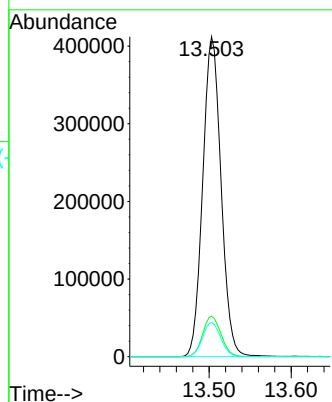
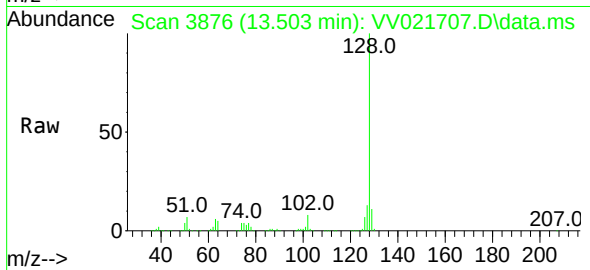




#71
Naphthalene
Concen: 42.664 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 639607
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 43.359 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021707.D
Acq: 28 Jul 2021 14:20

Tgt Ion:180 Resp: 214456
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.8
145 32.0 25.5 38.3

