

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021069.D
 Acq On : 21 Apr 2021 10:51
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:17:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:16:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	644736	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	636977	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	375635	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	260158	67.49	ug/L	0.00
7) Chloroethane-d5	1.571	69	190008	64.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	490015	61.16	ug/L	0.00
21) 2-Butanone-d5	3.905	46	266277	113.98	ug/L	0.00
24) Chloroform-d	4.352	84	477629	53.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	309456	52.32	ug/L	0.00
32) Benzene-d6	5.053	84	856647	53.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	251427	55.86	ug/L	0.00
41) Toluene-d8	7.320	98	855873	54.28	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	140014	52.06	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	219949	115.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	386693	53.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	369054	48.46	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	331596	59.86	ug/L	100
3) Chloromethane	1.243	50	284356	71.78	ug/L	100
5) Vinyl chloride	1.314	62	295466	68.26	ug/L	100
6) Bromomethane	1.526	94	191329	62.03	ug/L	100
8) Chloroethane	1.587	64	167546	61.89	ug/L	100
9) Trichlorofluoromethane	1.754	101	529146	55.23	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	259314	56.76	ug/L	100
12) 1,1-Dichloroethene	2.118	96	236588	57.56	ug/L	100
13) Acetone	2.201	43	255006	122.46	ug/L	100
14) Carbon disulfide	2.294	76	646976	57.35	ug/L	100
15) Methyl Acetate	2.439	43	212677	61.32	ug/L	100
16) Methylene chloride	2.510	84	239120	52.85	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	231190	54.06	ug/L	100
18) Methyl tert-butyl Ether	2.773	73	715405	53.43	ug/L	100
19) 1,1-Dichloroethane	3.191	63	415447	55.98	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	248750	54.58	ug/L	100
22) 2-Butanone	3.989	43	301553	119.66	ug/L	100
23) Bromochloromethane	4.253	128	142269	52.97	ug/L	100
25) Chloroform	4.378	83	467650	50.98	ug/L	100
27) 1,2-Dichloroethane	5.133	62	372544	52.70	ug/L	100
29) Cyclohexane	4.680	56	350234	59.13	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	447396	50.95	ug/L	100
31) Carbon tetrachloride	4.831	117	419073	51.30	ug/L	100
33) Benzene	5.101	78	929550	55.76	ug/L	100
34) Trichloroethene	5.918	95	258246	54.03	ug/L	100
35) Methylcyclohexane	6.133	83	400489	57.08	ug/L	100
37) 1,2-Dichloropropane	6.175	63	232650	57.97	ug/L	100
38) Bromodichloromethane	6.513	83	354672	53.12	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	393855	56.87	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	587623	119.36	ug/L	100
42) Toluene	7.391	91	1054986	56.26	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	399373	55.97	ug/L	100

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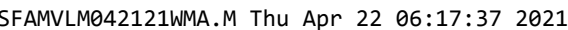
Instrument :
 MSVOA_V
 ClientSampleId :

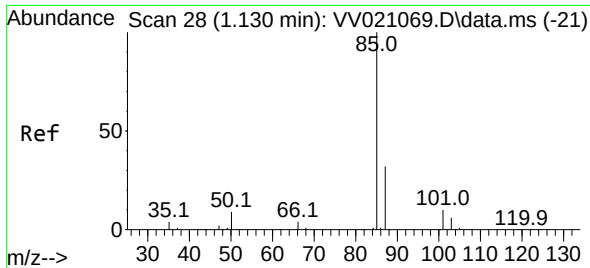
Quant Time: Apr 22 06:17:30 2021
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 QLast Update : Thu Apr 22 06:16:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	247522	54.26	ug/L	100
46) Tetrachloroethene	7.979	164	227660	50.76	ug/L	100
48) 2-Hexanone	8.143	43	479305	124.85	ug/L	100
49) Dibromochloromethane	8.249	129	313330	52.18	ug/L	100
50) 1,2-Dibromoethane	8.355	107	270278	53.49	ug/L	100
51) Chlorobenzene	8.886	112	696937	53.17	ug/L	100
52) Ethylbenzene	9.014	91	1176429	55.50	ug/L	100
53) m,p-Xylene	9.140	106	455335	55.04	ug/L	100
54) o-Xylene	9.548	106	446325	55.59	ug/L	100
55) Styrene	9.564	104	770766	56.21	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	394708	54.33	ug/L	100
59) Bromoform	9.738	173	235536	47.67	ug/L	100
60) Isopropylbenzene	9.937	105	1200539	52.70	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	326684	53.13	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	1034963	53.16	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	1042179	52.93	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	592141	50.97	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	592450	48.80	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	596283	49.67	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	99900	55.22	ug/L	100
69) 1,3,5-Trichlorobenzene	12.651	180	455641	50.07	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	384039	50.96	ug/L	100
71) Naphthalene	13.509	128	1161822	58.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	406662	53.55	ug/L	100

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

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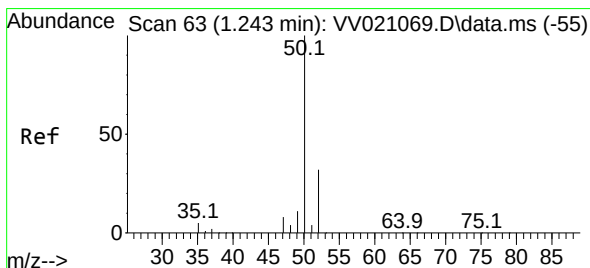
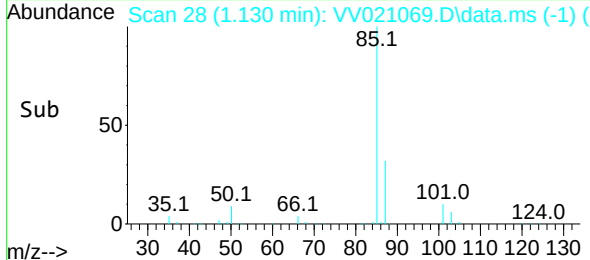
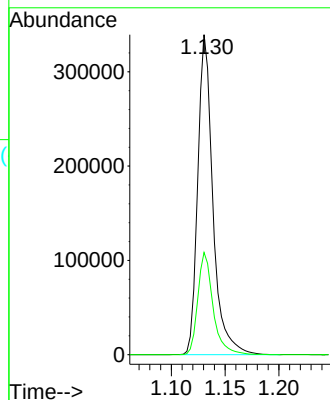
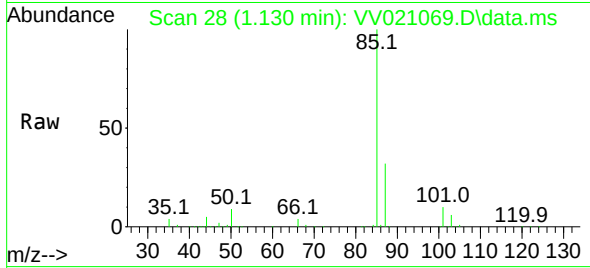




#2
 Dichlorodifluoromethane
 Concen: 59.86 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV021069.D
 Acq: 21 Apr 2021 10:51

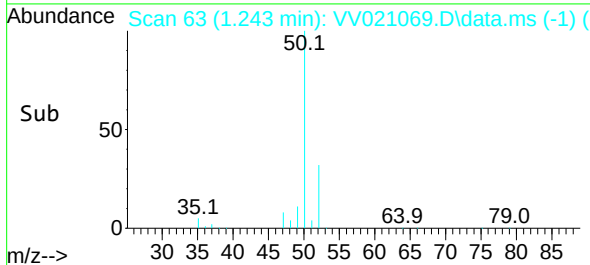
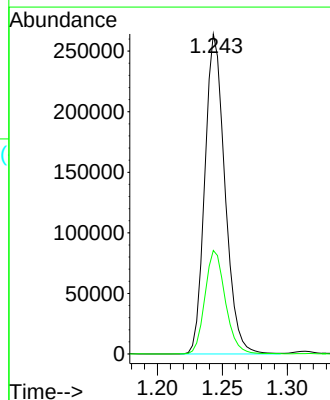
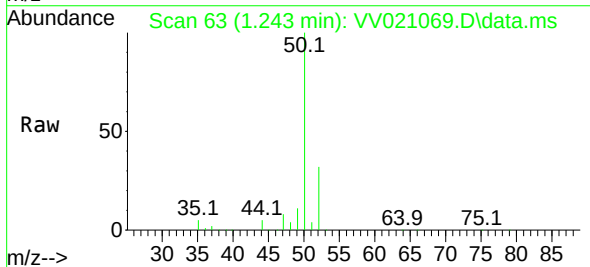
Instrument :
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 ClientSampled :

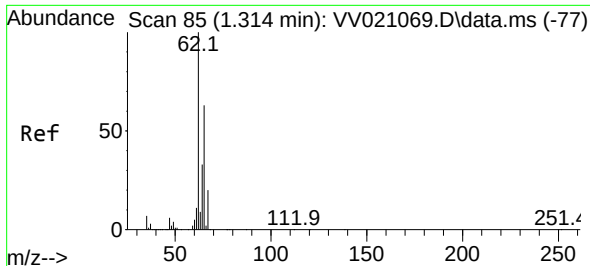
Tgt Ion: 85 Resp: 331596
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 71.78 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV021069.D
 Acq: 21 Apr 2021 10:51

Tgt Ion: 50 Resp: 284356
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

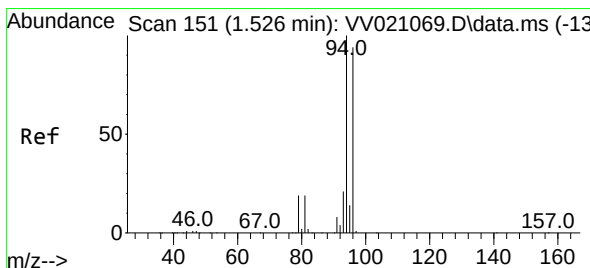
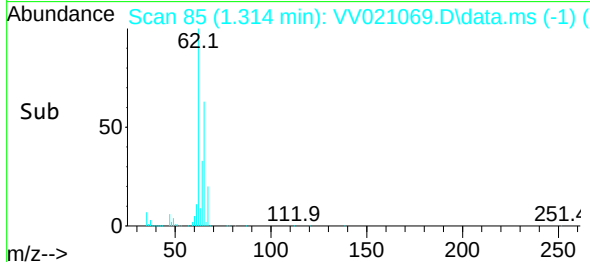
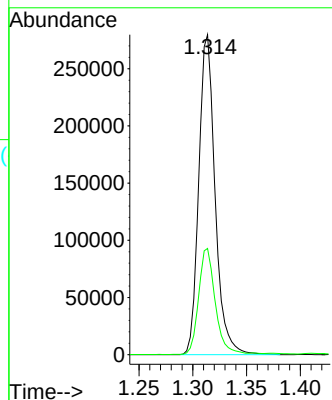
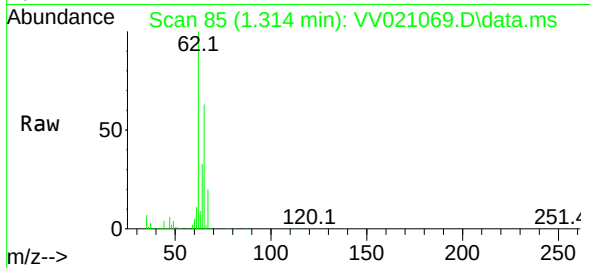




#5
 Vinyl chloride
 Concen: 68.26 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV021069.D
 Acq: 21 Apr 2021 10:51

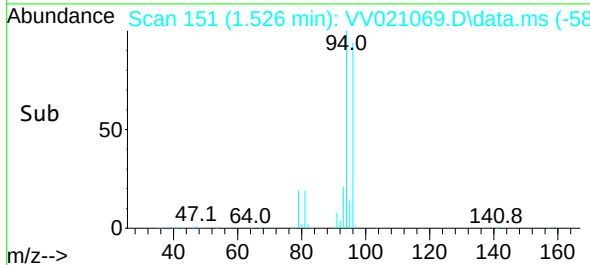
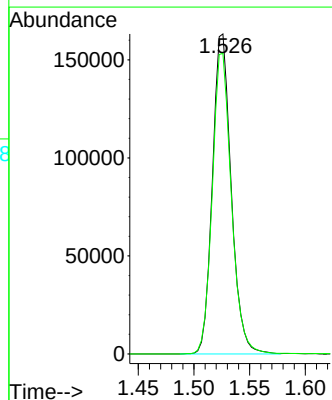
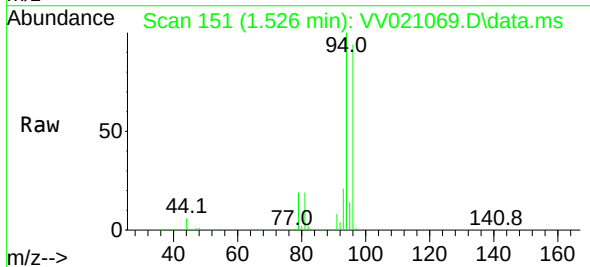
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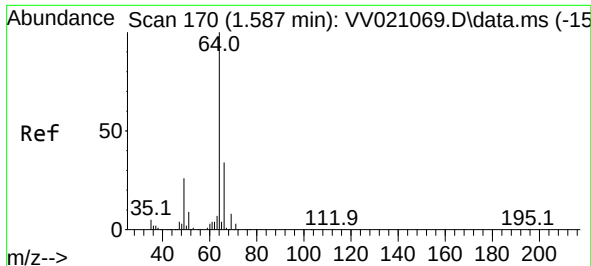
Tgt Ion: 62 Resp: 295466
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 62.03 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV021069.D
 Acq: 21 Apr 2021 10:51

Tgt Ion: 94 Resp: 191329
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 122.1

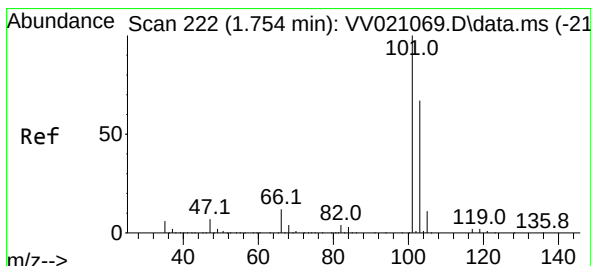
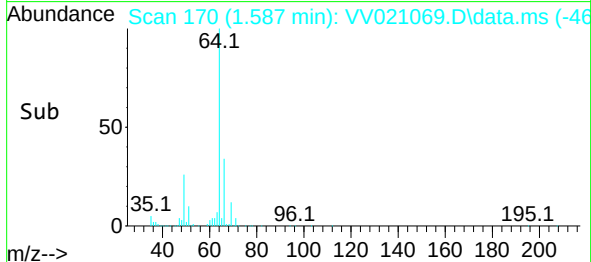
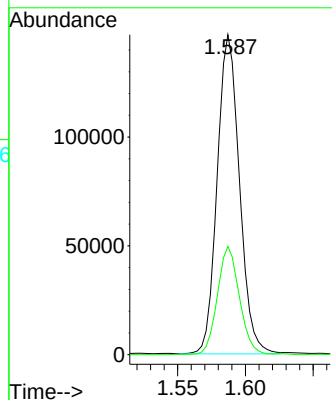
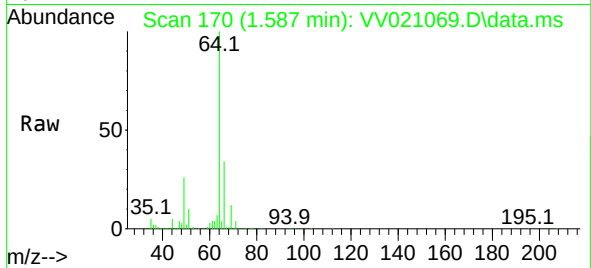




#8
Chloroethane
Concen: 61.89 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

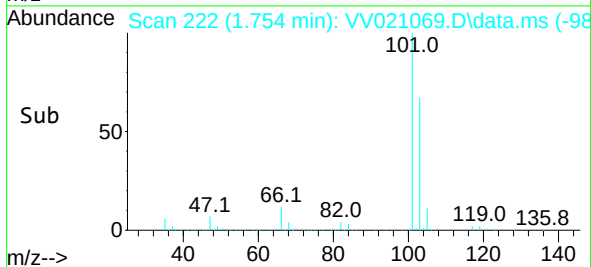
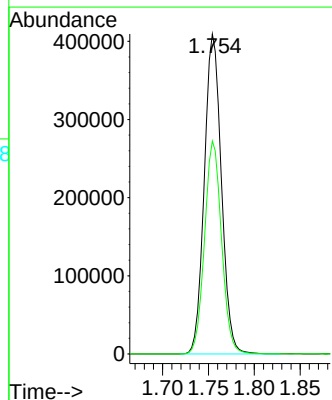
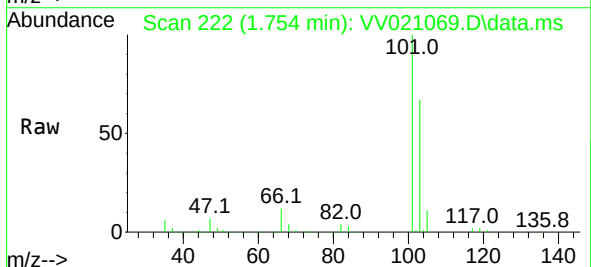
Instrument :
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ClientSampled :

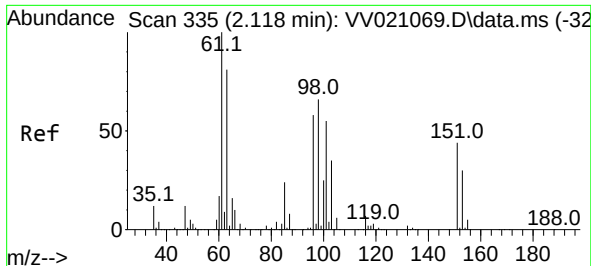
Tgt Ion: 64 Resp: 167546
Ion Ratio Lower Upper
64 100
66 33.8 23.7 43.9



#9
Trichlorofluoromethane
Concen: 55.23 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion:101 Resp: 529146
Ion Ratio Lower Upper
101 100
103 66.3 53.0 79.6

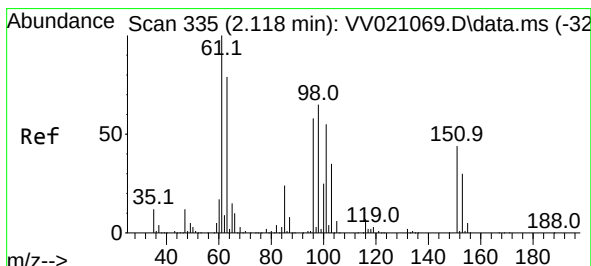
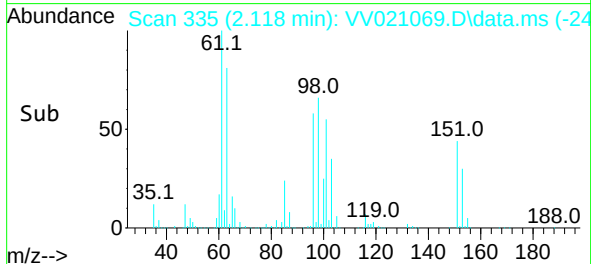
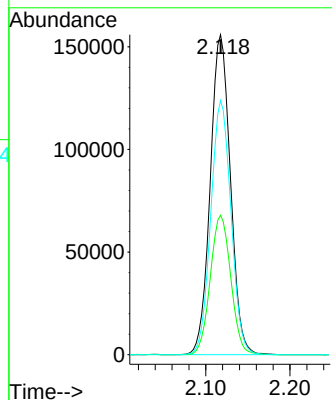
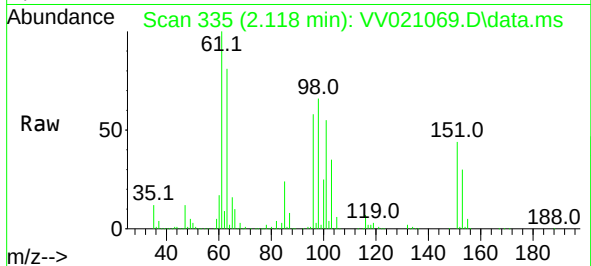




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.76 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

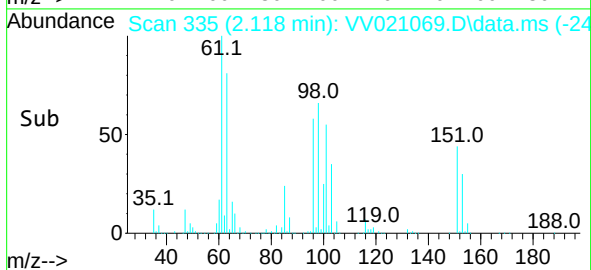
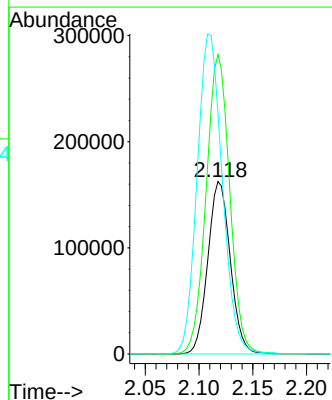
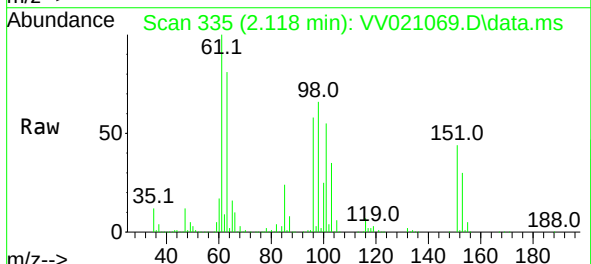
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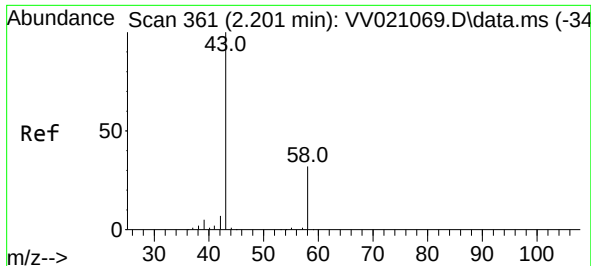
Tgt Ion:101 Resp: 259314
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.2
151 79.9 63.9 95.9



#12
1,1-Dichloroethene
Concen: 57.56 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

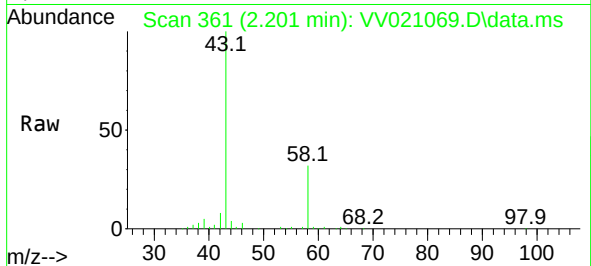
Tgt Ion: 96 Resp: 236588
Ion Ratio Lower Upper
96 100
61 173.5 121.4 225.6
63 140.1 98.1 182.1



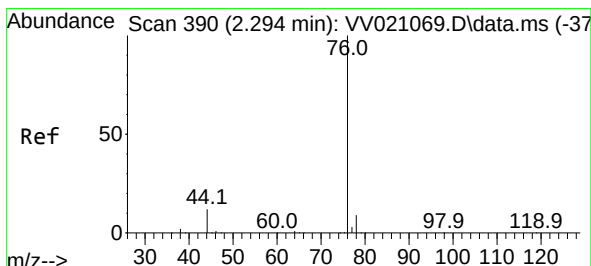
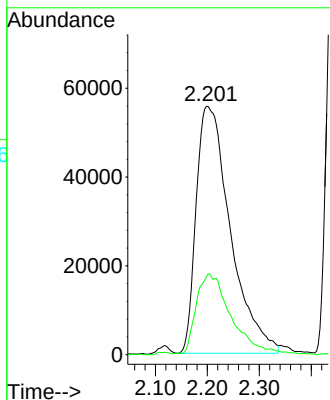
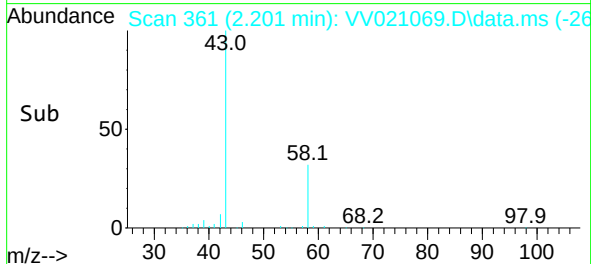


#13
Acetone
Concen: 122.46 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

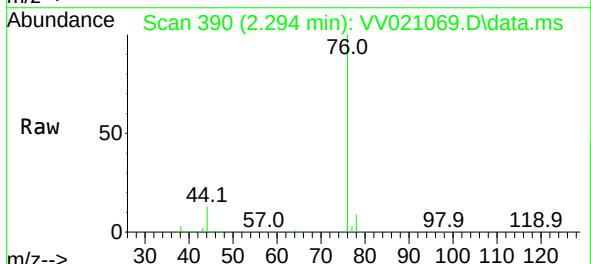
Instrument :
MSVOA_V
ClientSampled :



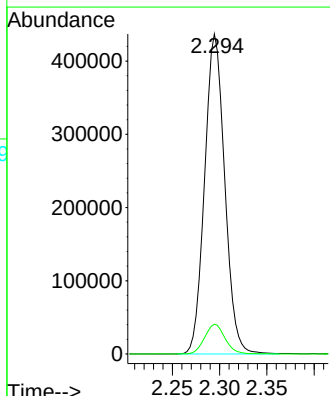
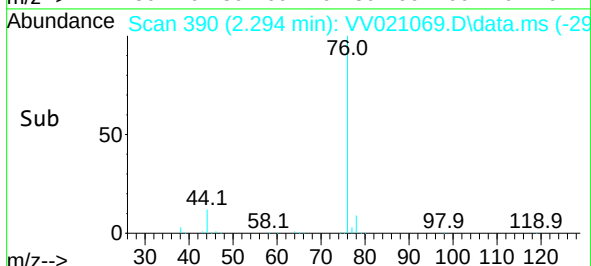
Tgt Ion: 43 Resp: 255006
Ion Ratio Lower Upper
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58 15.4 0.0 30.8

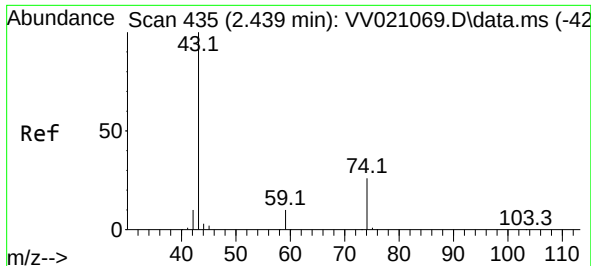


#14
Carbon disulfide
Concen: 57.35 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51



Tgt Ion: 76 Resp: 646976
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

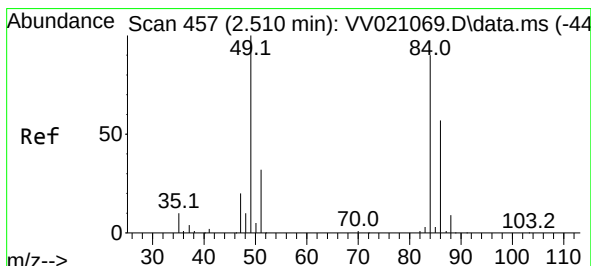
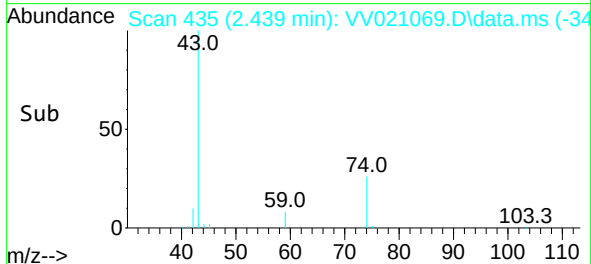
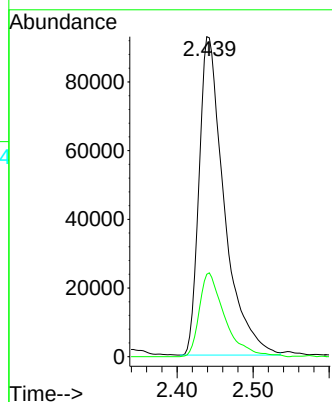
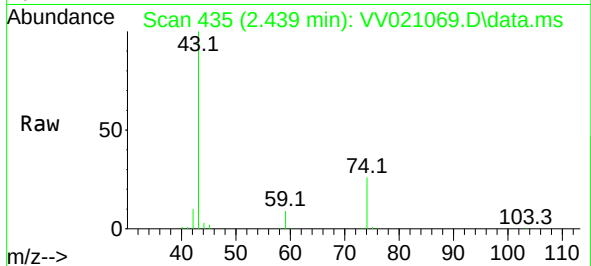




#15
Methyl Acetate
Concen: 61.32 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

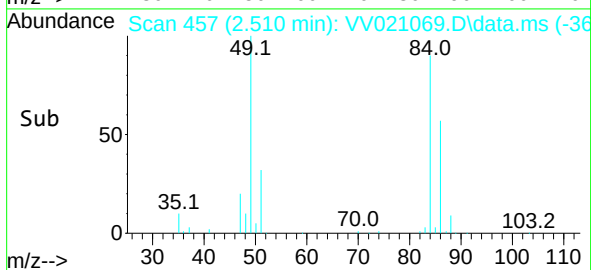
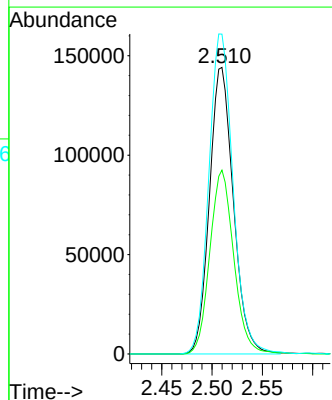
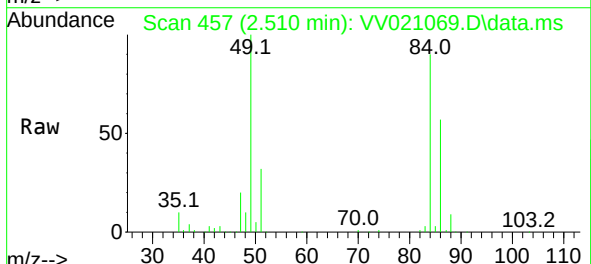
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MSVOA_V
ClientSampled :

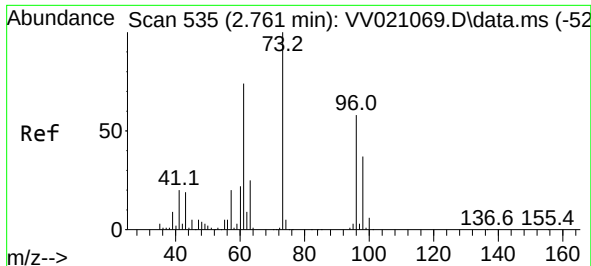
Tgt Ion: 43 Resp: 212677
Ion Ratio Lower Upper
43 100
74 26.5 21.2 31.8



#16
Methylene chloride
Concen: 52.85 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 84 Resp: 239120
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.5
49 111.6 78.1 145.1

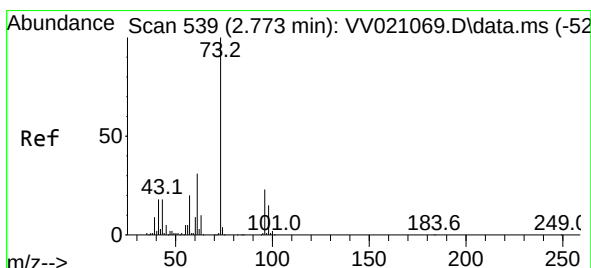
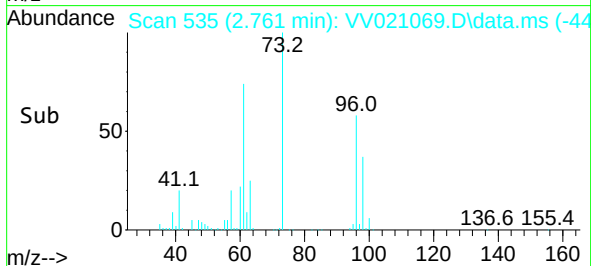
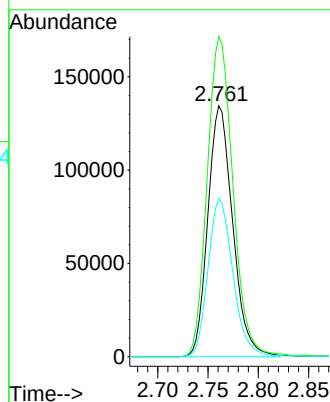
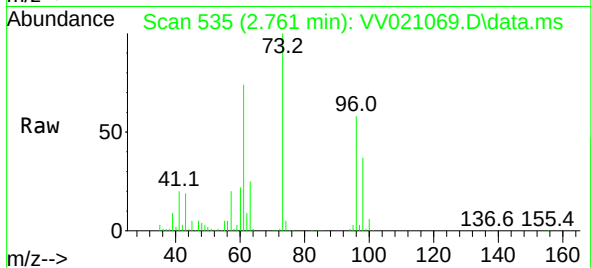




#17
trans-1,2-Dichloroethene
Concen: 54.06 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

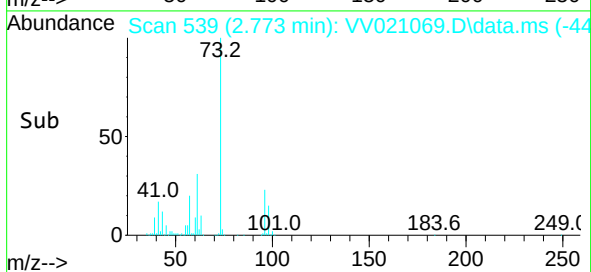
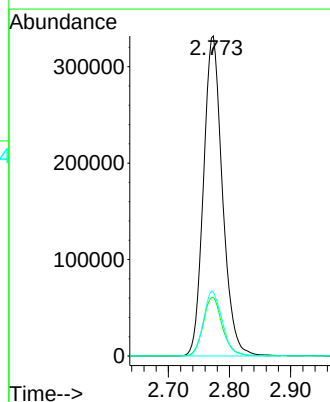
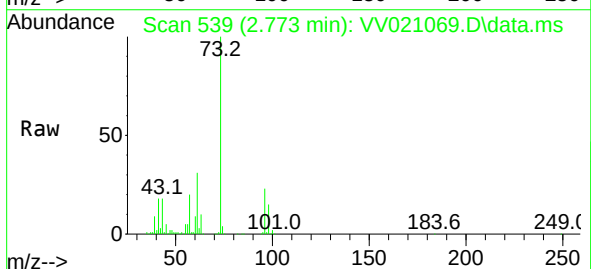
Instrument :
MSVOA_V
ClientSampled :

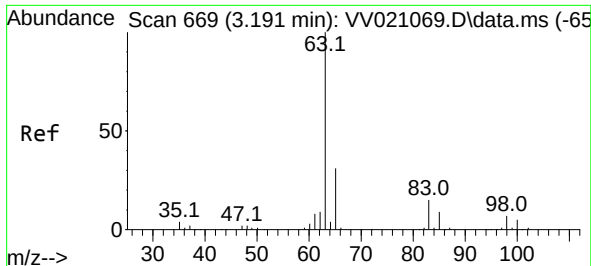
Tgt Ion: 96 Resp: 231190
Ion Ratio Lower Upper
96 100
61 127.6 89.3 165.9
98 63.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 53.43 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 73 Resp: 715405
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 19.9 15.9 23.9





#19

1,1-Dichloroethane

Concen: 55.98 ug/L

RT: 3.191 min Scan# 669

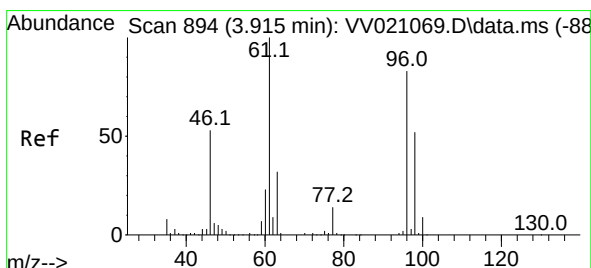
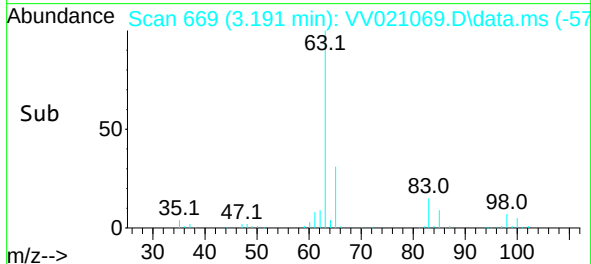
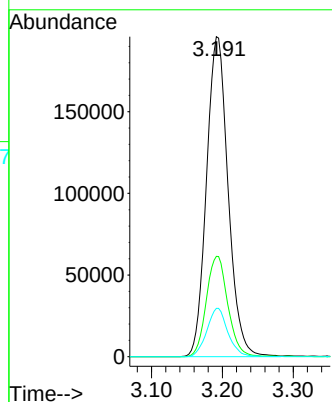
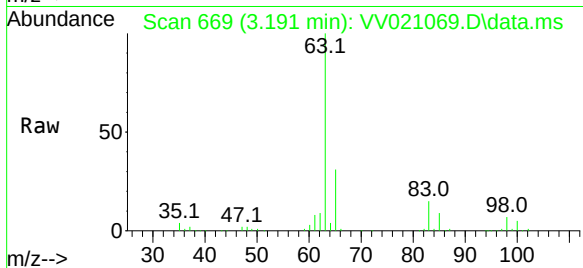
Delta R.T. 0.000 min

Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

Tgt Ion: 63 Resp: 415447

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	15.1	10.6	19.6



#20

cis-1,2-Dichloroethene

Concen: 54.58 ug/L

RT: 3.915 min Scan# 894

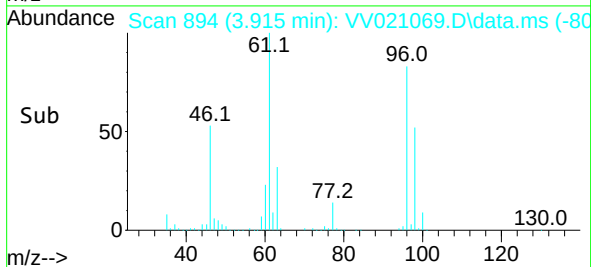
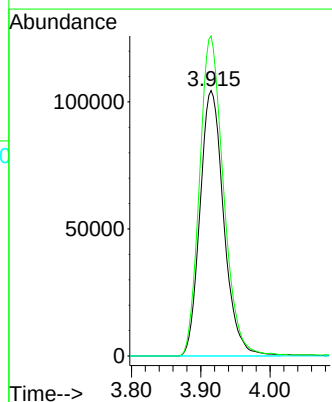
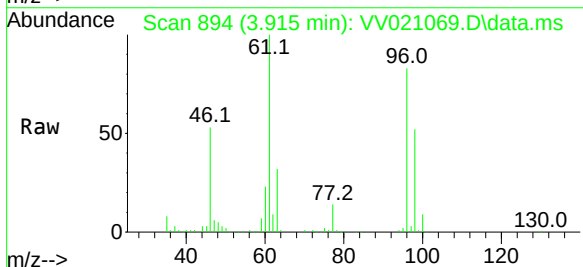
Delta R.T. 0.000 min

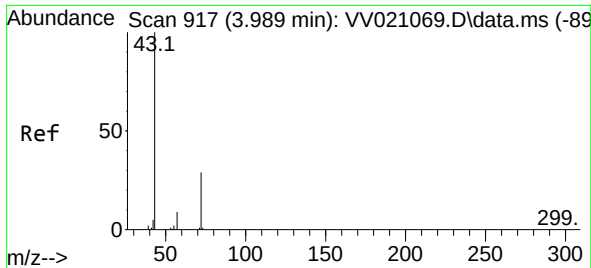
Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

Tgt Ion: 96 Resp: 248750

Ion	Ratio	Lower	Upper
96	100		
61	120.5	84.4	156.7
68	0.0	0.0	0.0

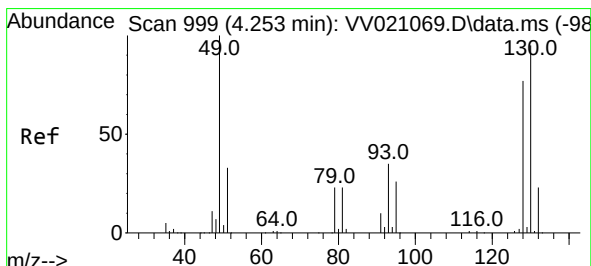
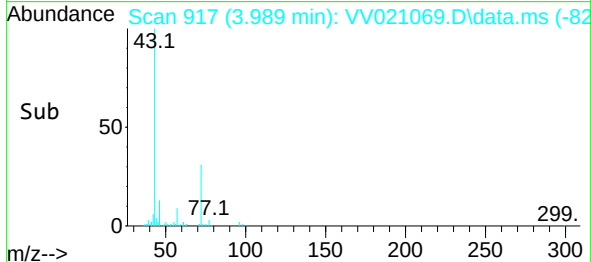
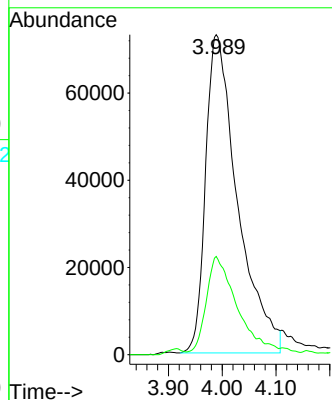
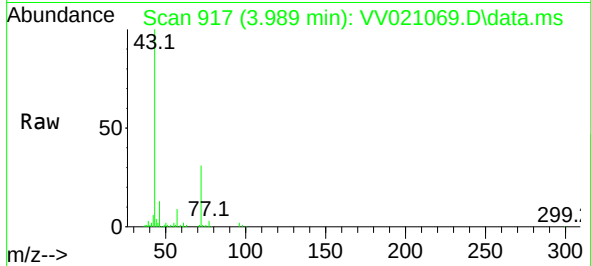




#22
2-Butanone
Concen: 119.66 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

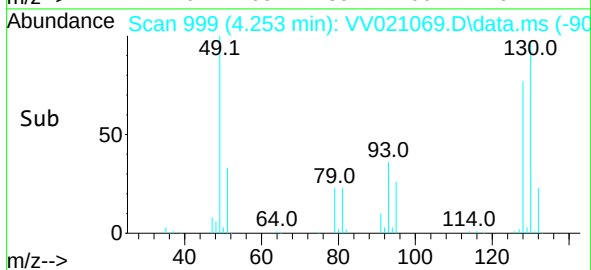
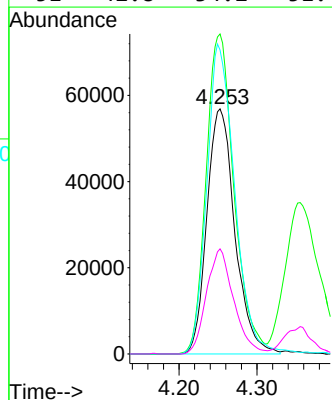
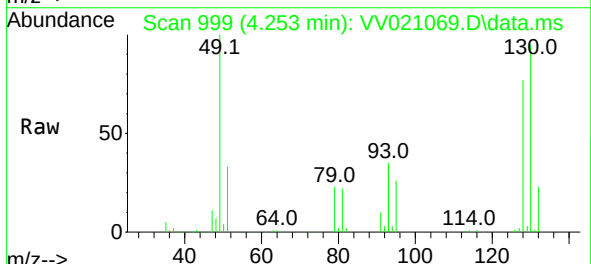
Instrument :
MSVOA_V
ClientSampled :

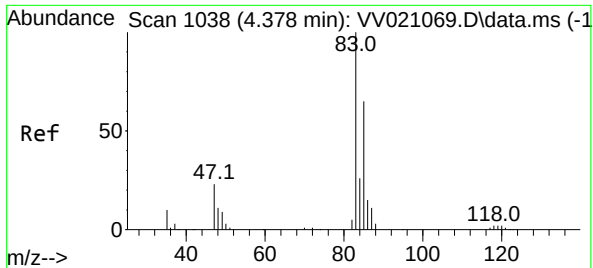
Tgt Ion: 43 Resp: 301553
Ion Ratio Lower Upper
43 100
72 26.4 13.2 39.6



#23
Bromochloromethane
Concen: 52.97 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion:128 Resp: 142269
Ion Ratio Lower Upper
128 100
49 130.5 91.3 169.6
130 124.0 86.8 161.2
51 42.8 34.2 51.4





#25

Chloroform

Concen: 50.98 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV021069.D

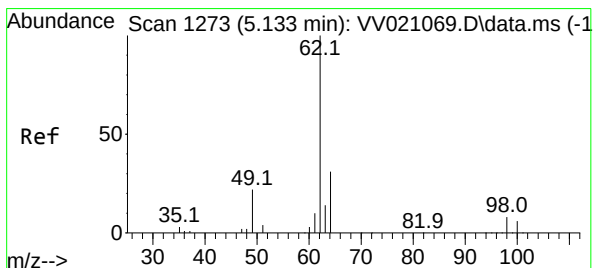
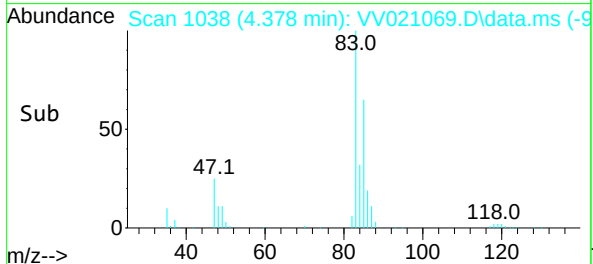
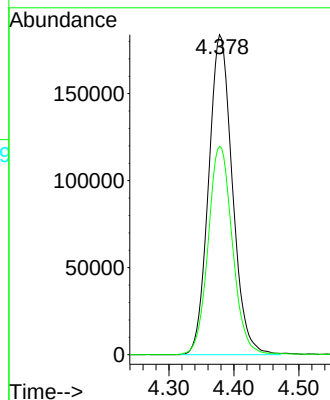
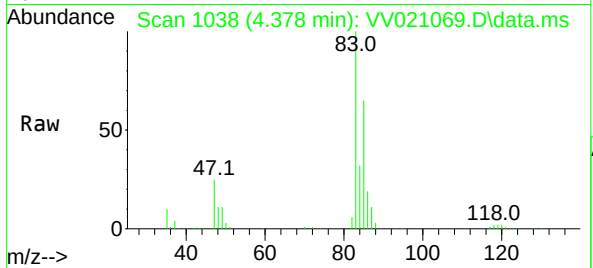
Acq: 21 Apr 2021 10:51

Tgt Ion: 83 Resp: 467650

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 52.70 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV021069.D

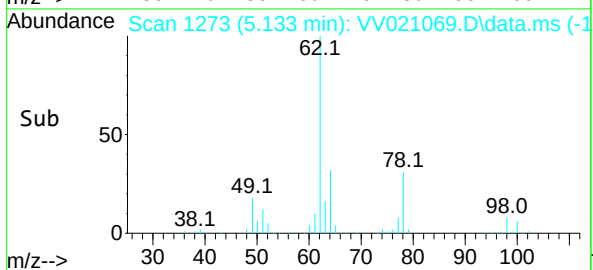
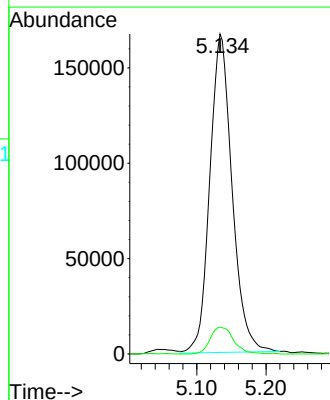
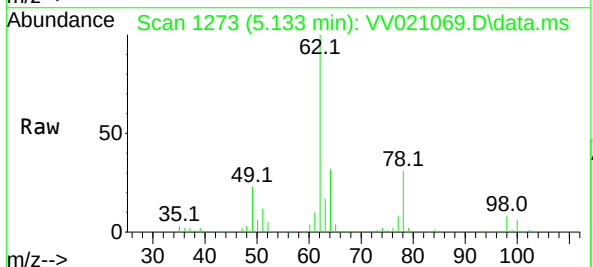
Acq: 21 Apr 2021 10:51

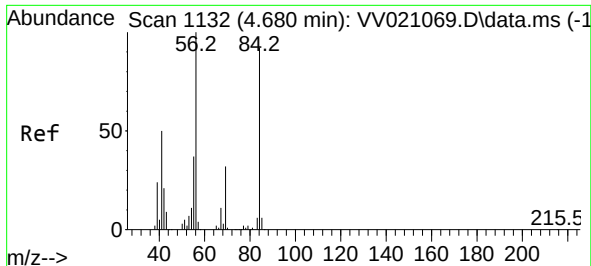
Tgt Ion: 62 Resp: 372544

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1





#29

Cyclohexane

Concen: 59.13 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

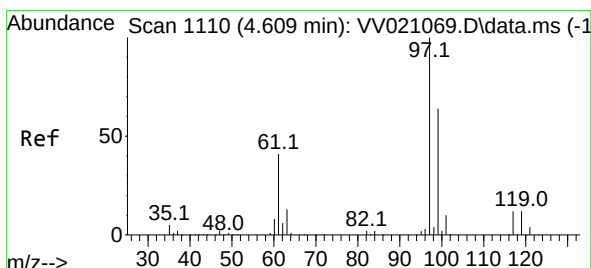
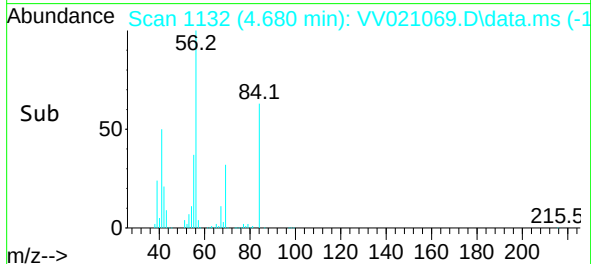
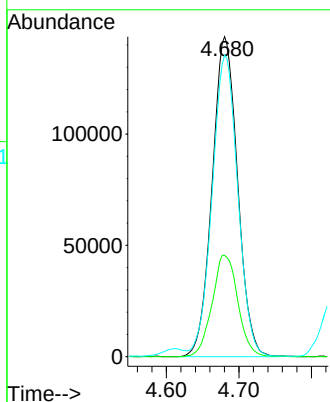
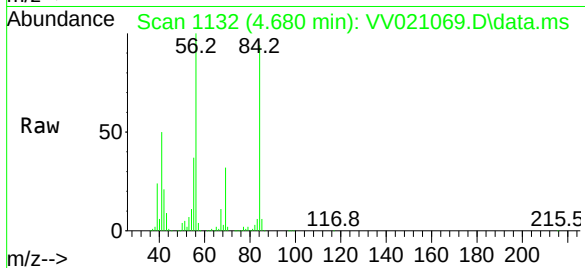
Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 56 Resp: 350234

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.7	38.5
84	94.6	75.7	113.5



#30

1,1,1-Trichloroethane

Concen: 50.95 ug/L

RT: 4.609 min Scan# 1110

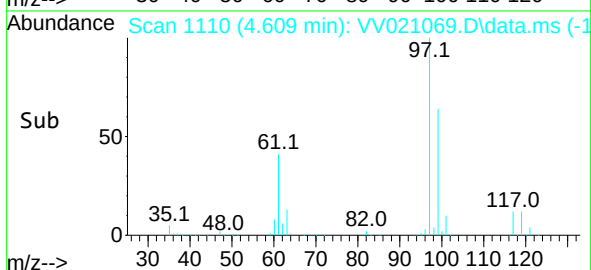
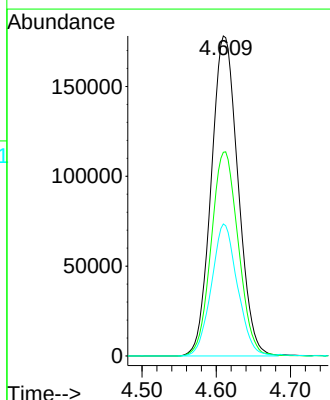
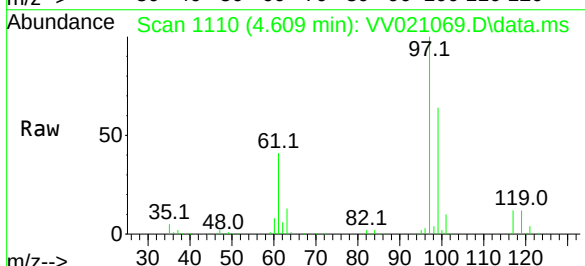
Delta R.T. 0.000 min

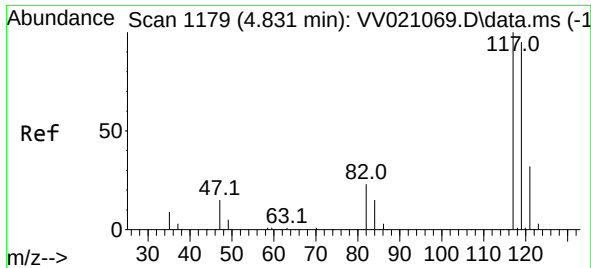
Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

Tgt Ion: 97 Resp: 447396

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	40.1	32.1	48.1

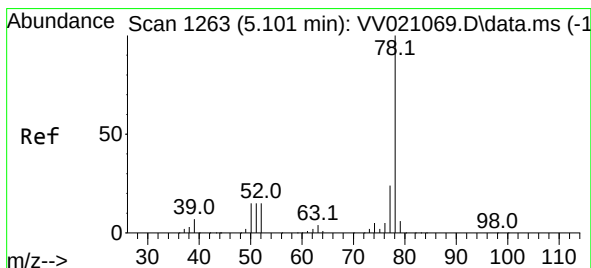
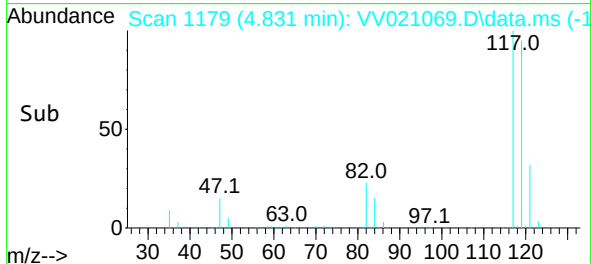
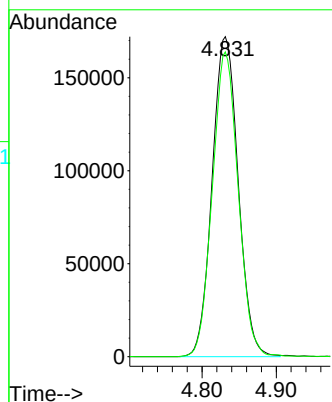
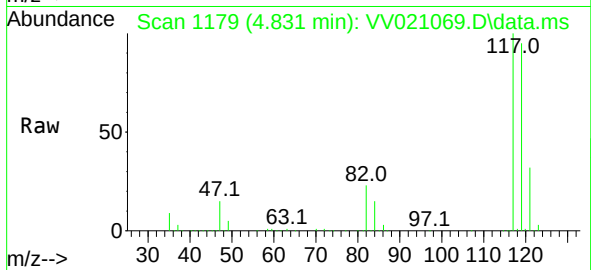




#31
Carbon tetrachloride
Concen: 51.30 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

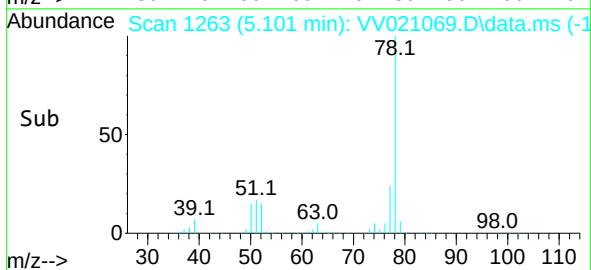
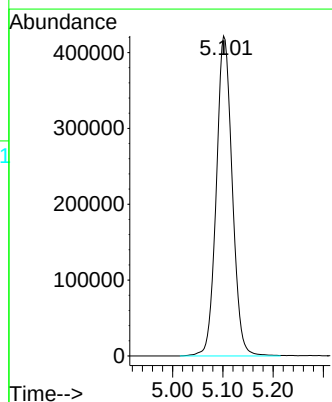
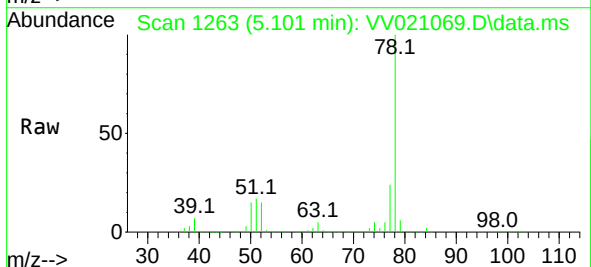
Instrument :
MSVOA_V
ClientSampled :

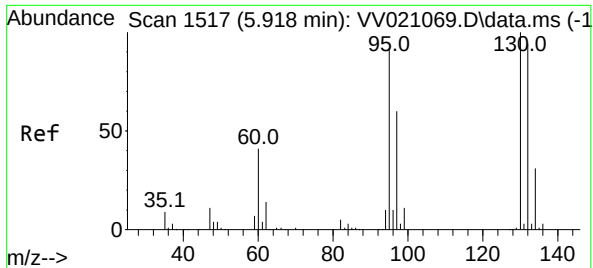
Tgt Ion:117 Resp: 419073
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2



#33
Benzene
Concen: 55.76 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 78 Resp: 929550

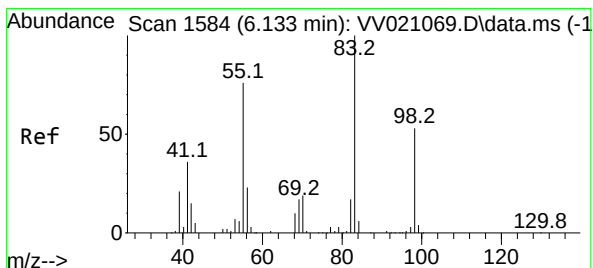
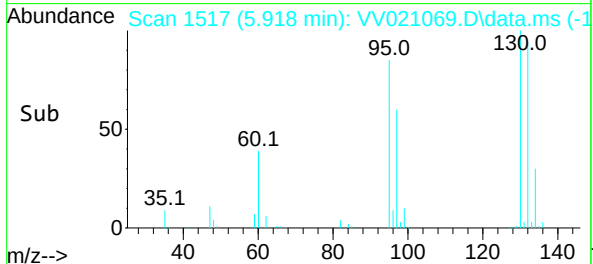
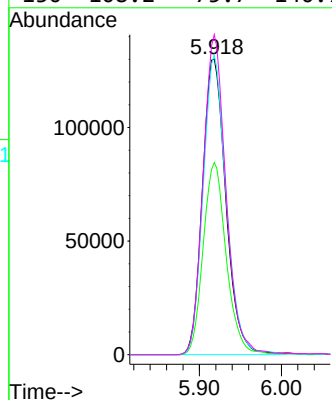
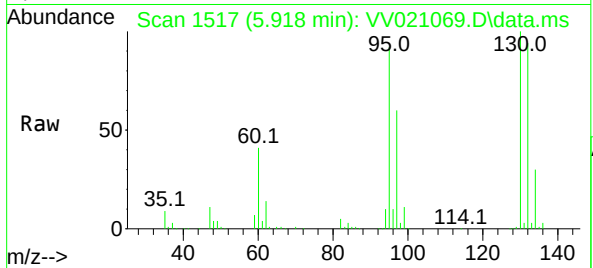




#34
Trichloroethene
Concen: 54.03 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

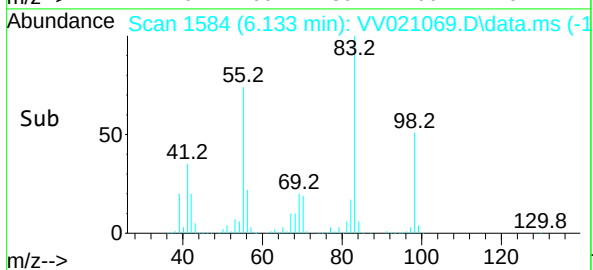
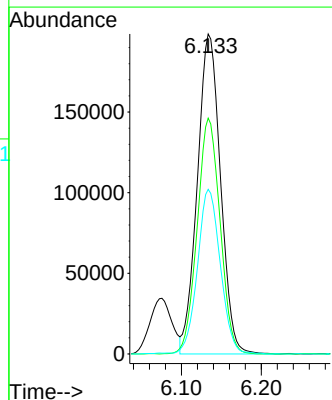
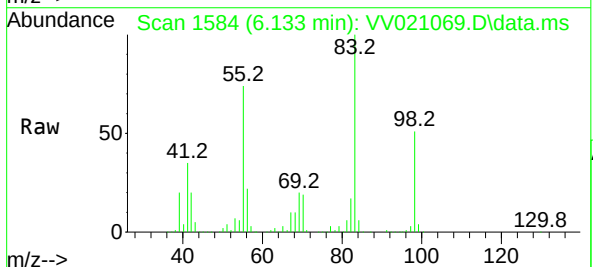
Instrument :
MSVOA_V
ClientSampleId :

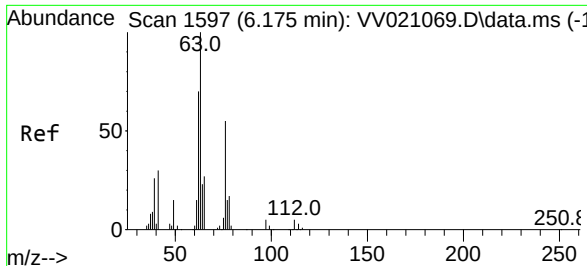
Tgt Ion: 95 Resp: 258246
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 101.4 71.0 131.8
130 108.2 75.7 140.7



#35
Methylcyclohexane
Concen: 57.08 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 83 Resp: 400489
Ion Ratio Lower Upper
83 100
55 72.7 58.2 87.2
98 50.7 40.6 60.8





#37

1,2-Dichloropropane

Concen: 57.97 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VV021069.D

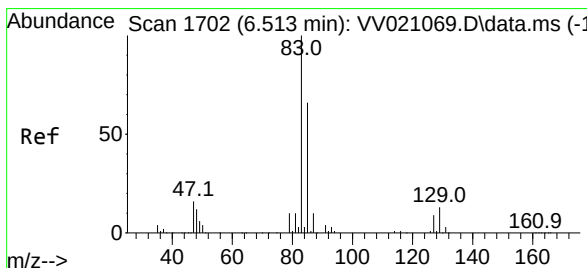
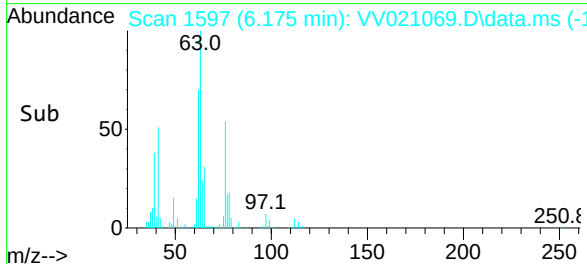
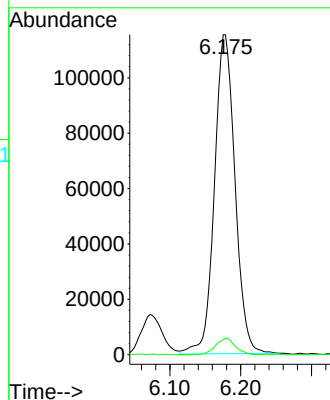
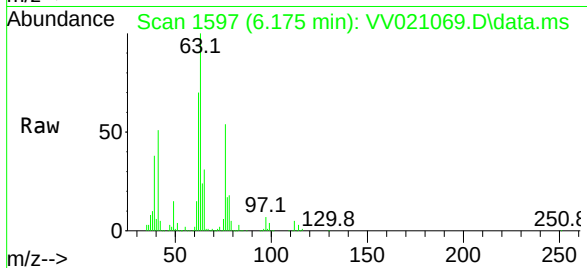
Acq: 21 Apr 2021 10:51

Tgt Ion: 63 Resp: 232650

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 53.12 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

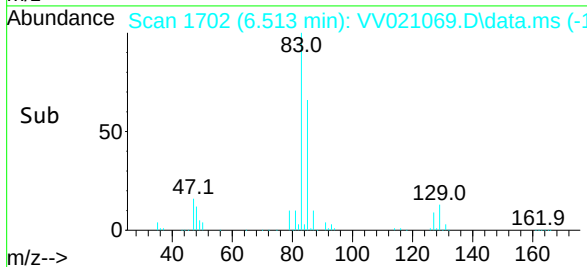
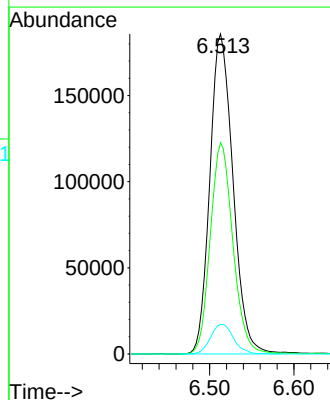
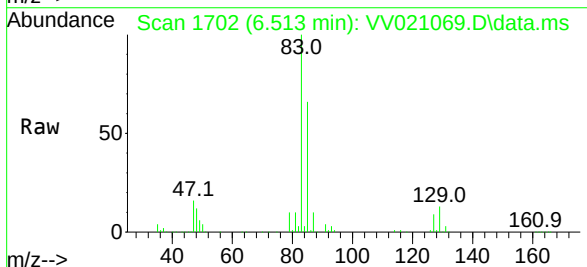
Tgt Ion: 83 Resp: 354672

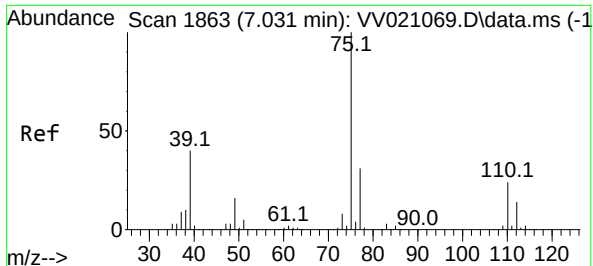
Ion Ratio Lower Upper

83 100

85 66.0 46.2 85.8

127 9.2 7.4 11.0

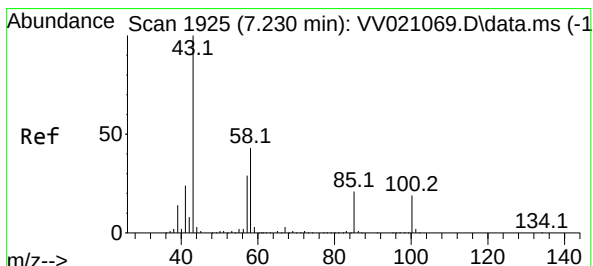
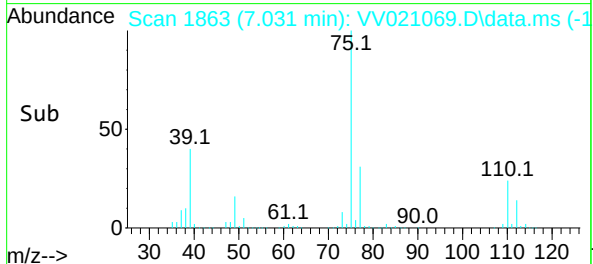
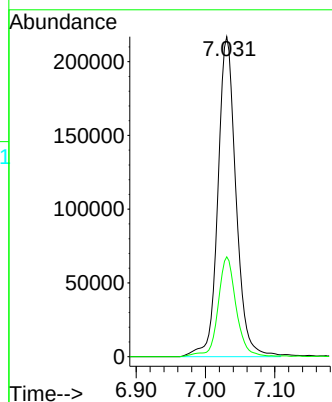
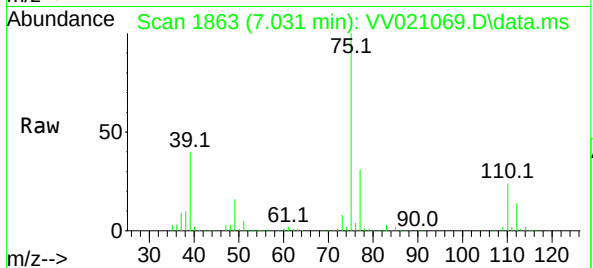




#39
 cis-1,3-Dichloropropene
 Concen: 56.87 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV021069.D
 Acq: 21 Apr 2021 10:51

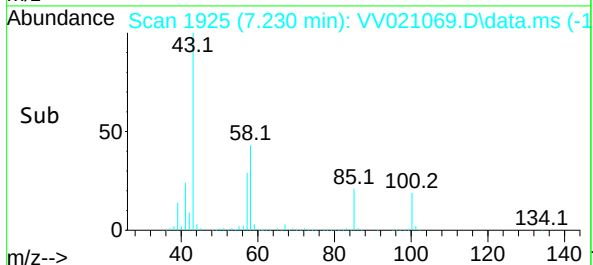
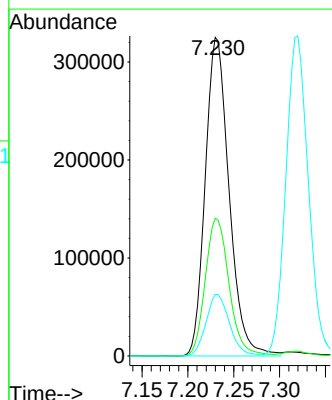
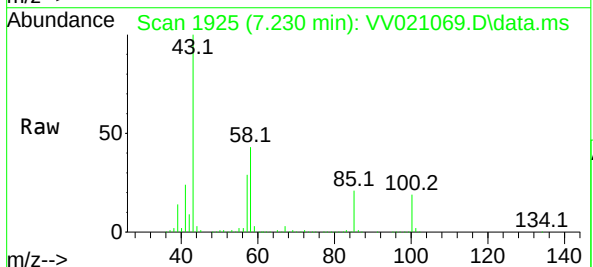
Instrument :
 MSVOA_V
 ClientSampled :

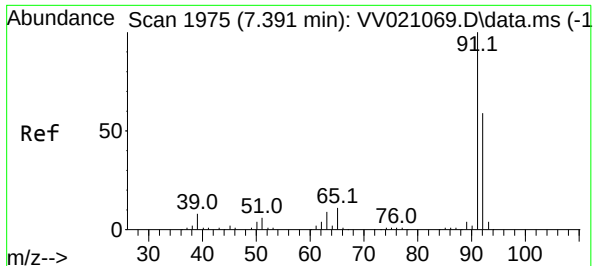
Tgt Ion: 75 Resp: 393855
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 119.36 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV021069.D
 Acq: 21 Apr 2021 10:51

Tgt Ion: 43 Resp: 587623
 Ion Ratio Lower Upper
 43 100
 58 43.1 34.5 51.7
 100 19.0 15.2 22.8

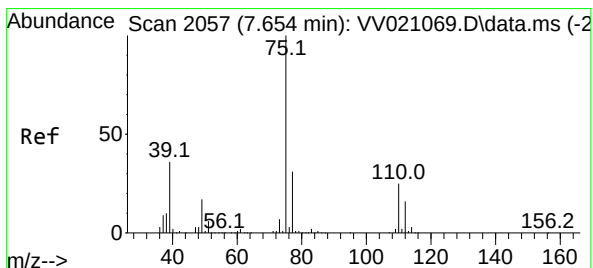
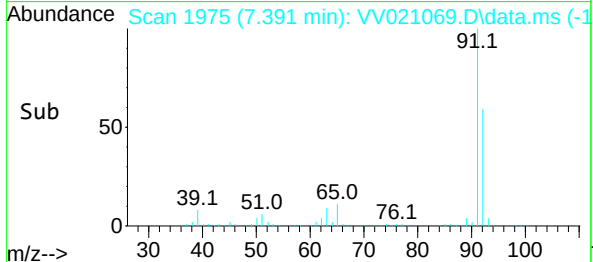
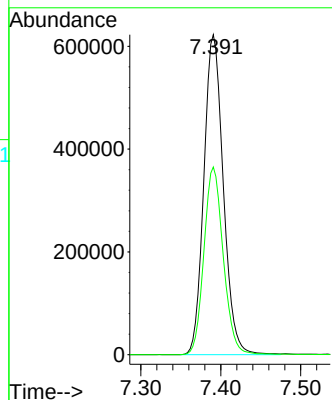
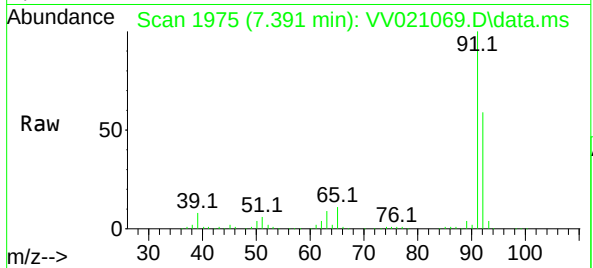




#42
Toluene
Concen: 56.26 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

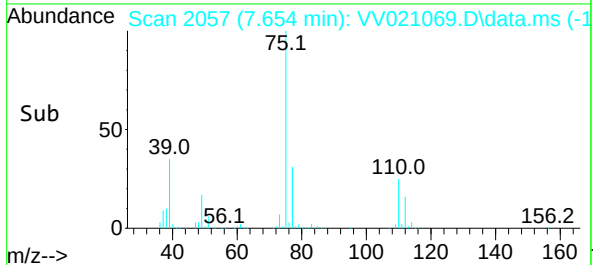
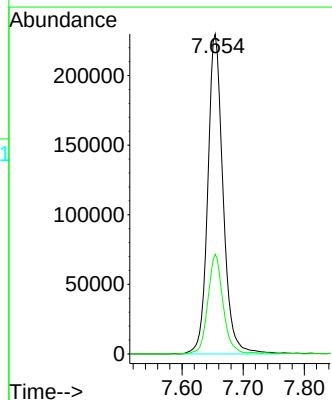
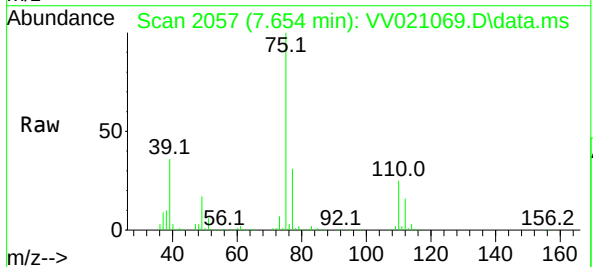
Instrument :
MSVOA_V
ClientSampled :

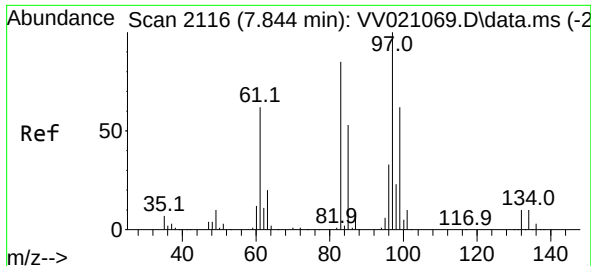
Tgt Ion: 91 Resp: 1054986
Ion Ratio Lower Upper
91 100
92 58.6 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 55.97 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 75 Resp: 399373
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 54.26 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.000 min

Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

Tgt Ion: 97 Resp: 247522

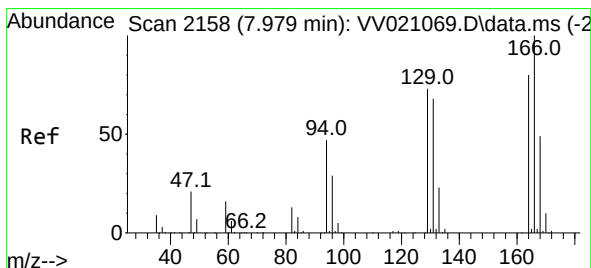
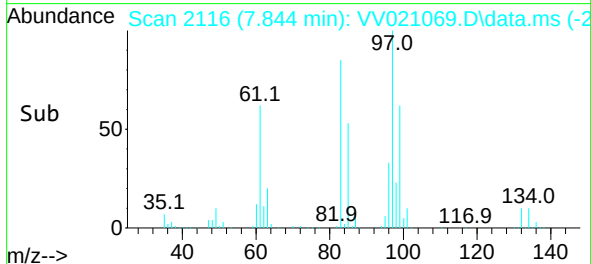
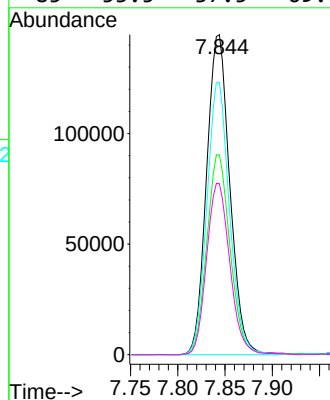
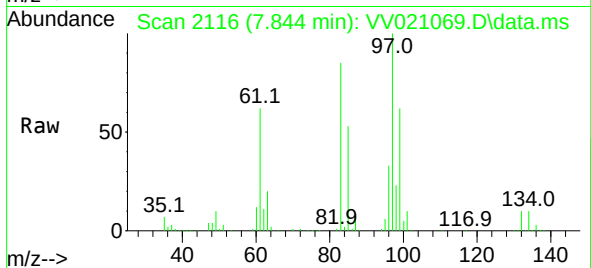
Ion Ratio Lower Upper

97 100

99 62.4 43.7 81.1

83 85.1 59.6 110.6

85 53.5 37.5 69.6



#46

Tetrachloroethene

Concen: 50.76 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

Tgt Ion: 164 Resp: 227660

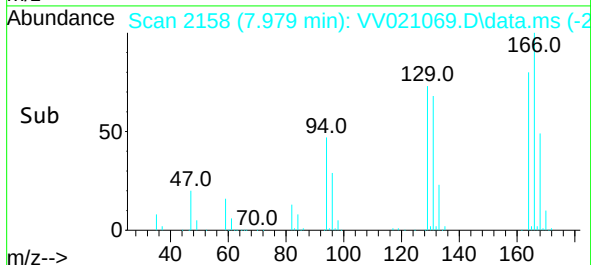
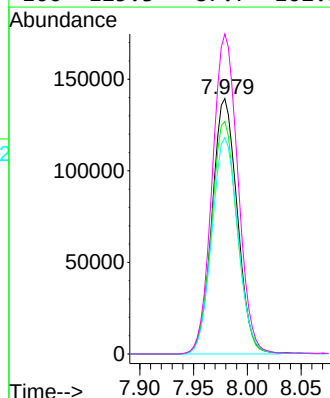
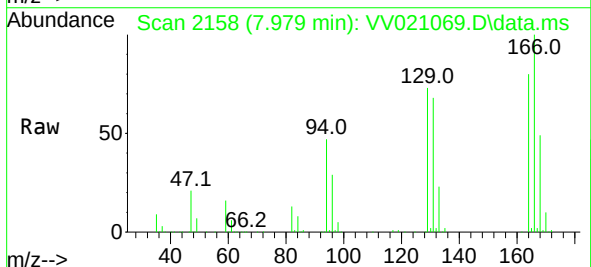
Ion Ratio Lower Upper

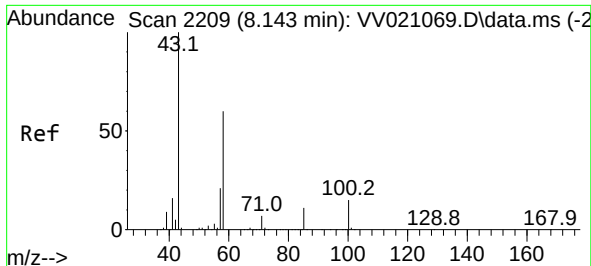
164 100

129 91.1 63.8 118.4

131 84.7 59.3 110.1

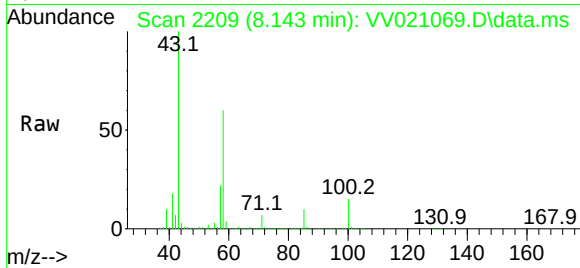
166 125.3 87.7 162.9



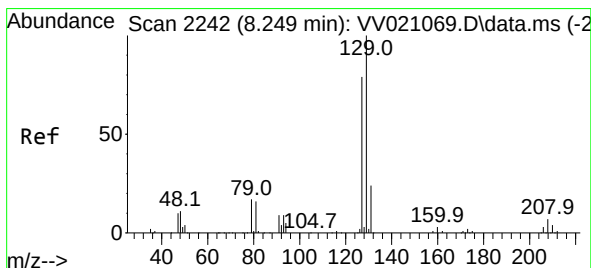
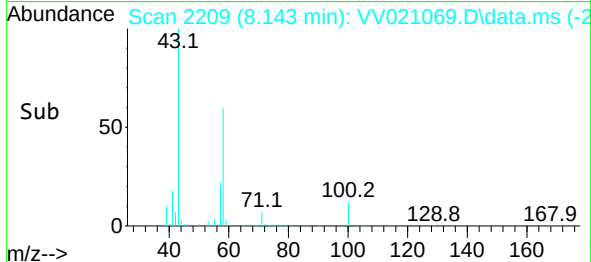
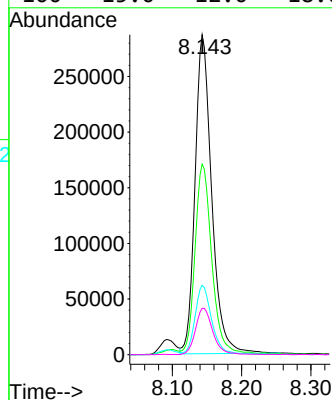


#48
2-Hexanone
Concen: 124.85 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Instrument :
MSVOA_V
ClientSampled :

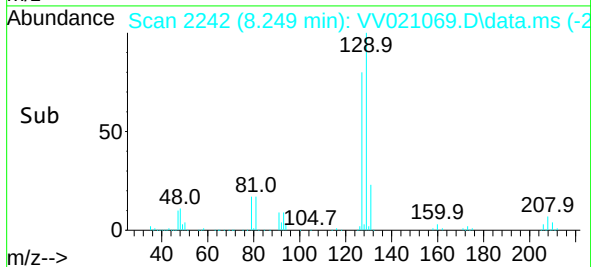
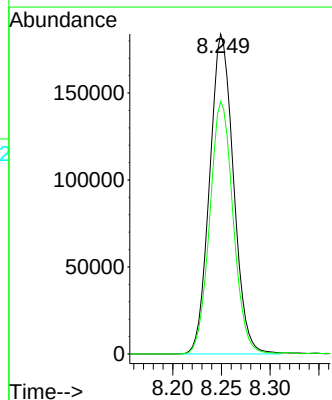
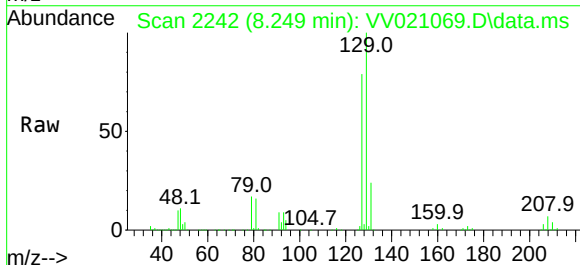


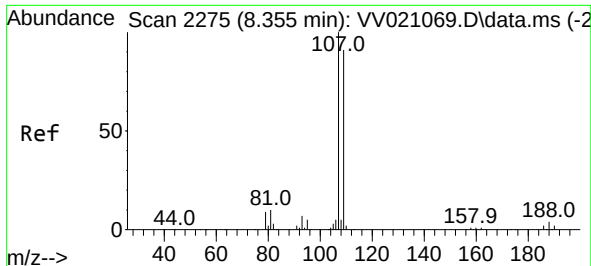
Tgt Ion: 43 Resp: 479305
Ion Ratio Lower Upper
43 100
58 58.5 46.8 70.2
57 22.0 17.6 26.4
100 15.0 12.0 18.0



#49
Dibromochloromethane
Concen: 52.18 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 129 Resp: 313330
Ion Ratio Lower Upper
129 100
127 78.9 55.2 102.6

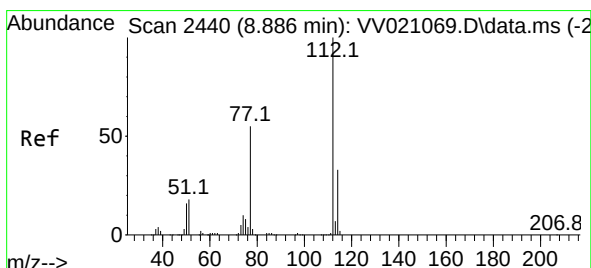
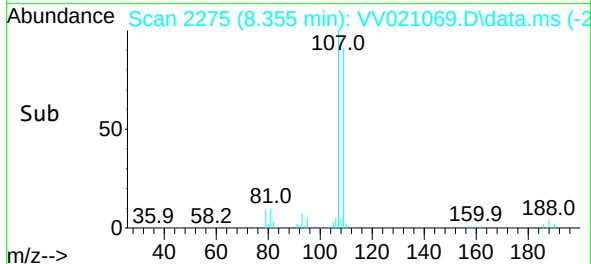
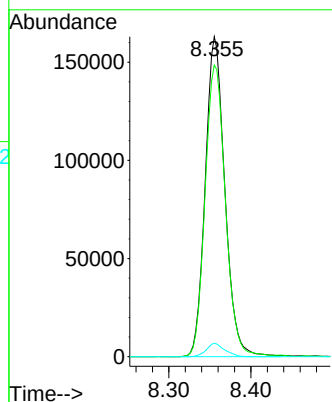
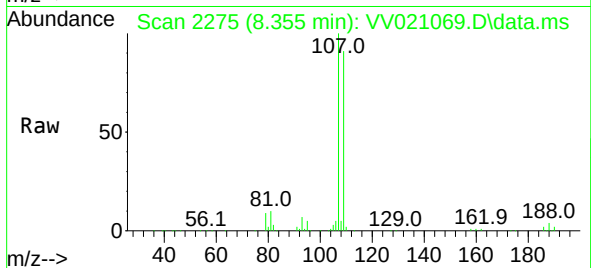




#50
1,2-Dibromoethane
Concen: 53.49 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

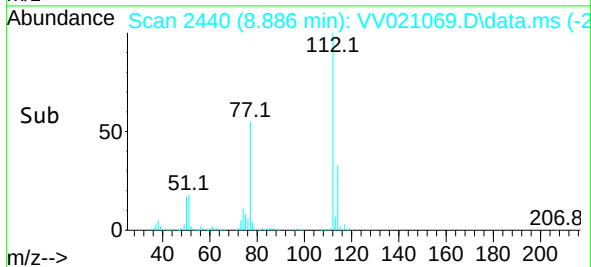
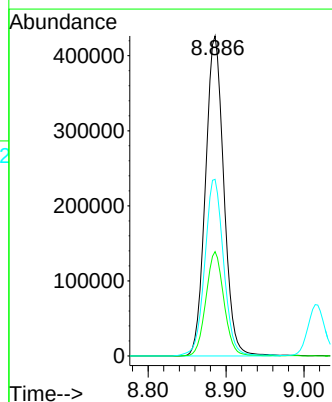
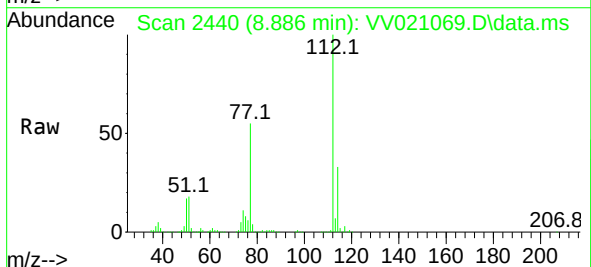
Instrument :
MSVOA_V
ClientSampled :

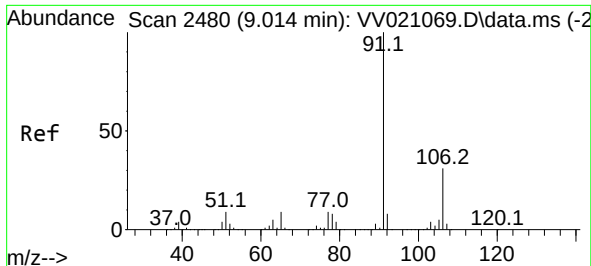
Tgt Ion:107 Resp: 270278
Ion Ratio Lower Upper
107 100
109 91.2 63.8 118.6
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 53.17 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion:112 Resp: 696937
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 55.2 44.2 66.2





#52

Ethylbenzene

Concen: 55.50 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV021069.D

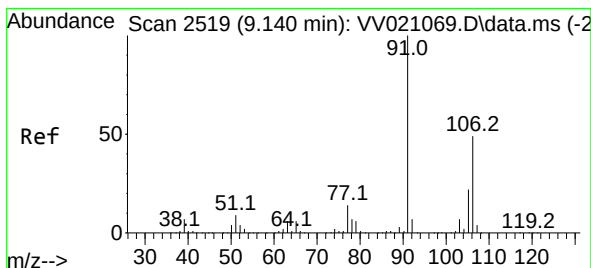
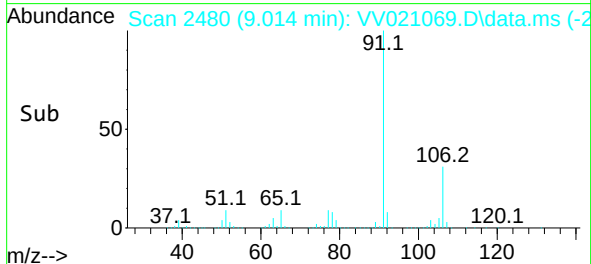
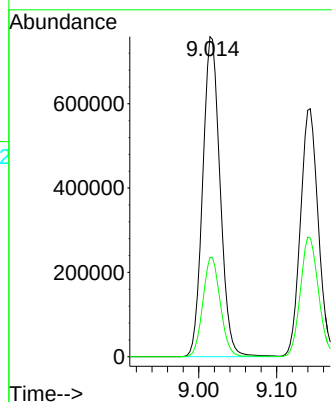
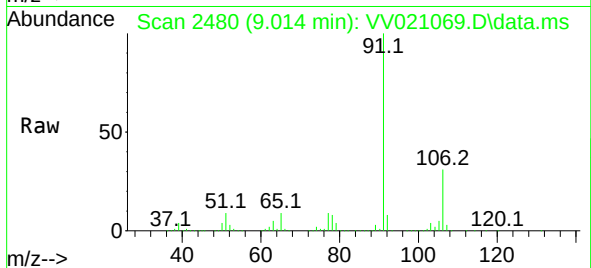
Acq: 21 Apr 2021 10:51

Tgt Ion: 91 Resp: 1176429

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.4



#53

m,p-Xylene

Concen: 55.04 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021069.D

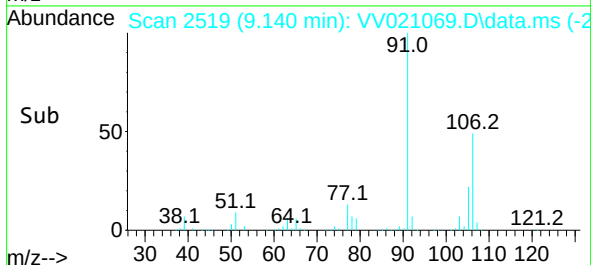
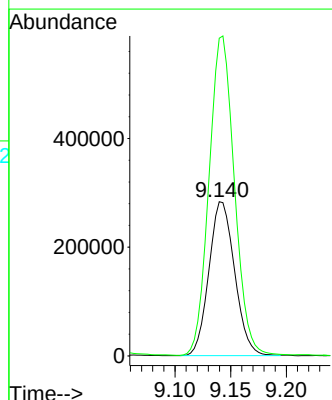
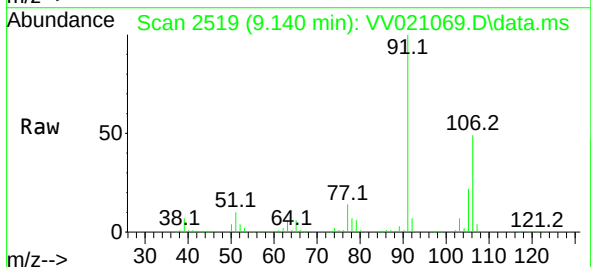
Acq: 21 Apr 2021 10:51

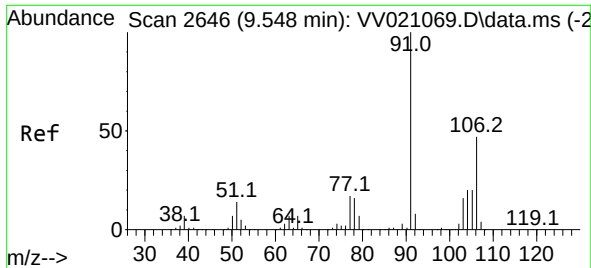
Tgt Ion: 106 Resp: 455335

Ion Ratio Lower Upper

106 100

91 206.1 144.3 267.9

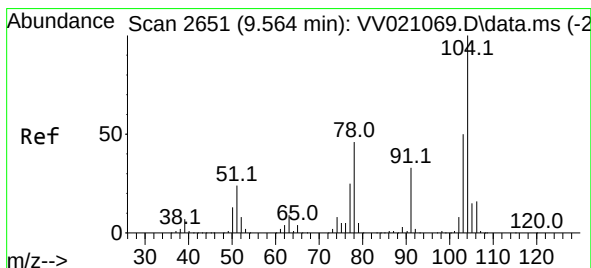
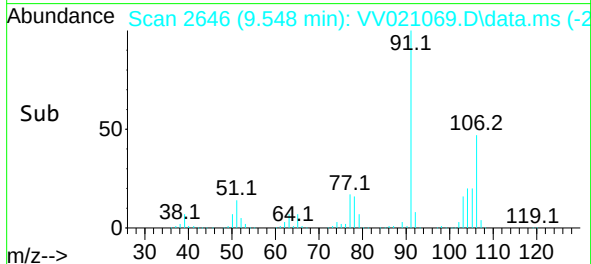
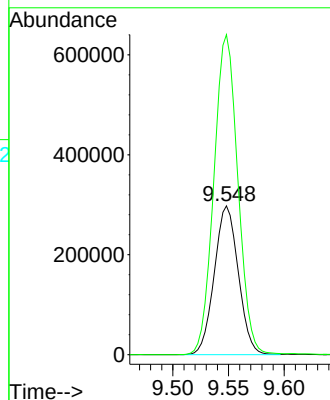
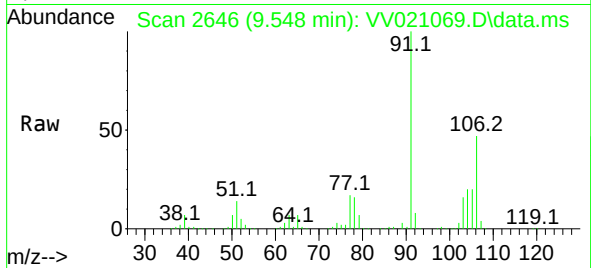




#54
o-Xylene
Concen: 55.59 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

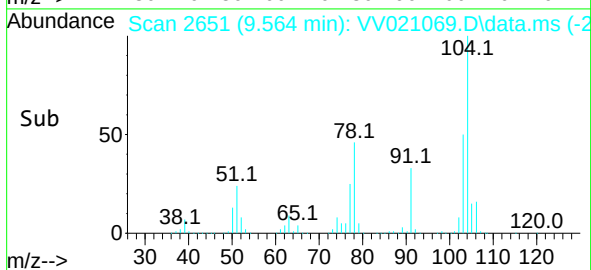
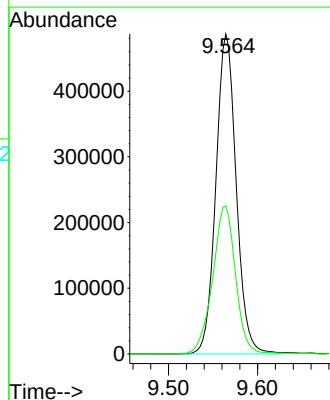
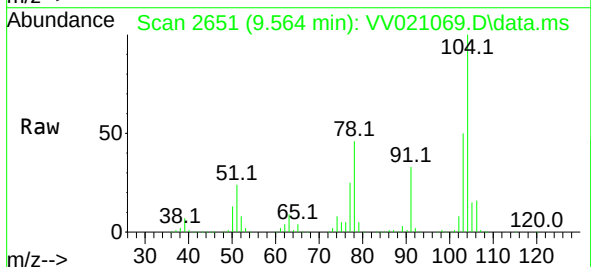
Instrument :
MSVOA_V
ClientSampleId :

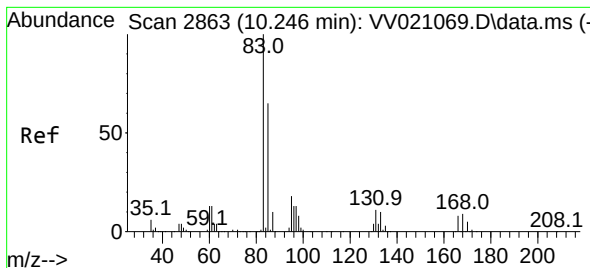
Tgt Ion:106 Resp: 446325
Ion Ratio Lower Upper
106 100
91 214.9 150.4 279.4



#55
Styrene
Concen: 56.21 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion:104 Resp: 770766
Ion Ratio Lower Upper
104 100
78 46.3 32.4 60.2

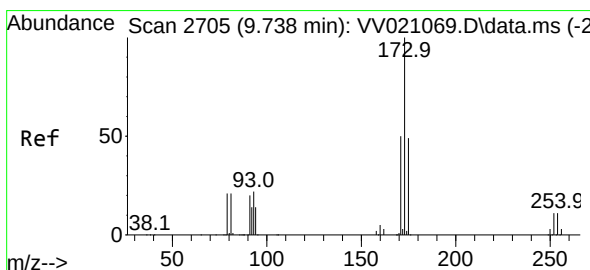
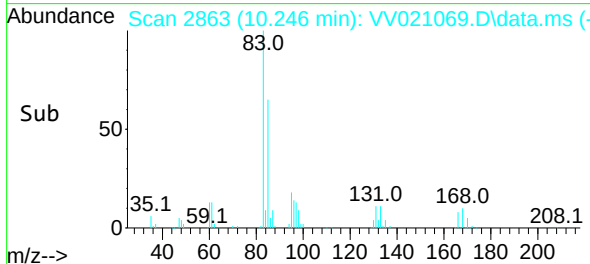
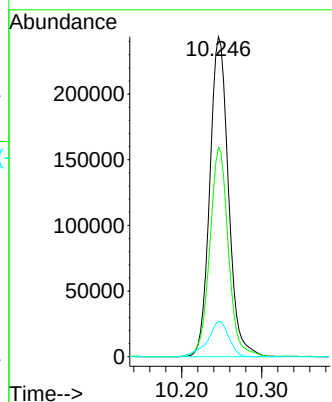
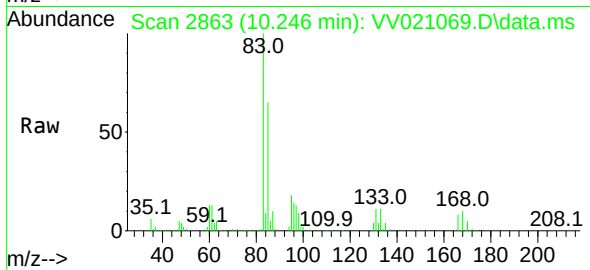




#57
1,1,2,2-Tetrachloroethane
Concen: 54.33 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

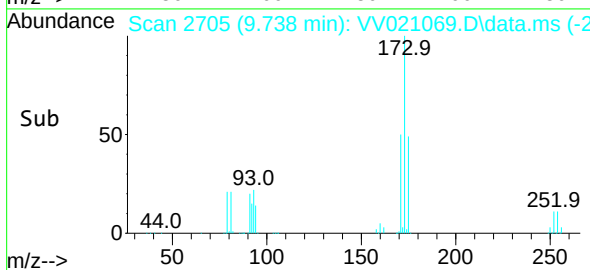
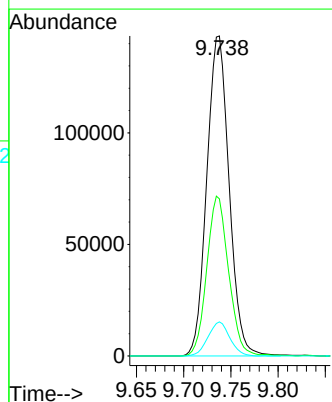
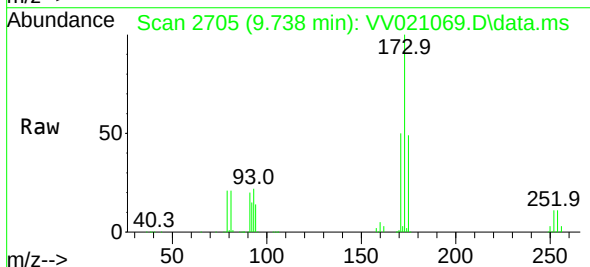
Instrument :
MSVOA_V
ClientSampled :

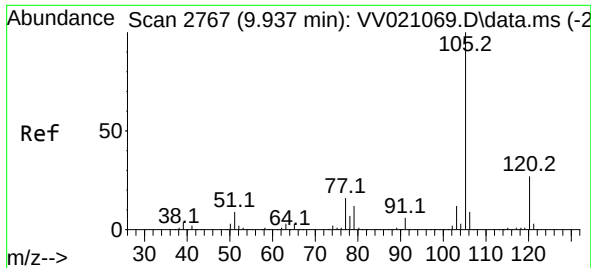
Tgt Ion: 83 Resp: 394708
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0
131 11.0 8.8 13.2



#59
Bromoform
Concen: 47.67 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 173 Resp: 235536
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 10.4 8.3 12.5

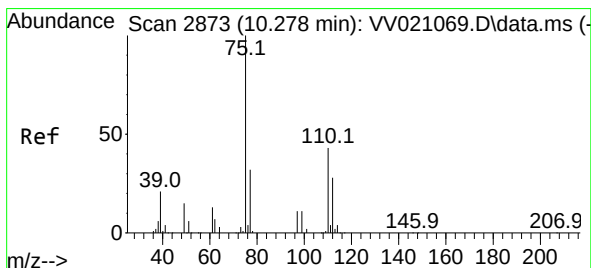
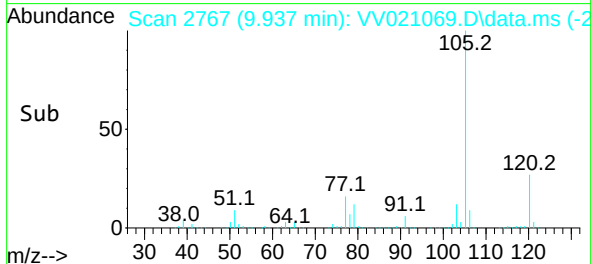
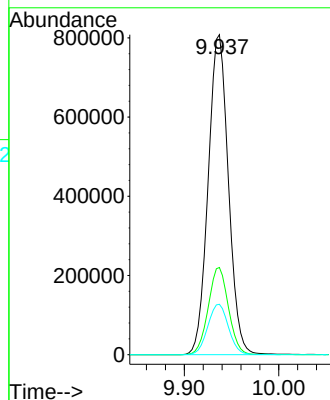
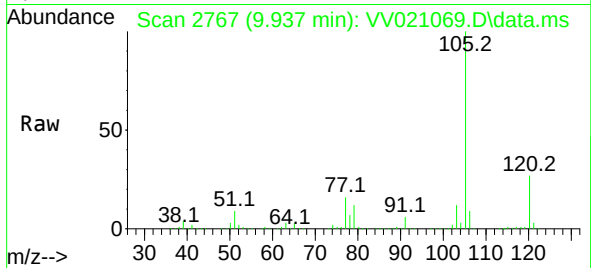




#60
Isopropylbenzene
Concen: 52.70 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

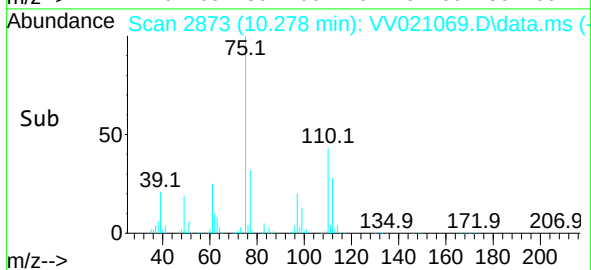
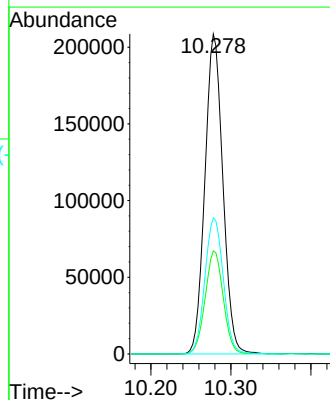
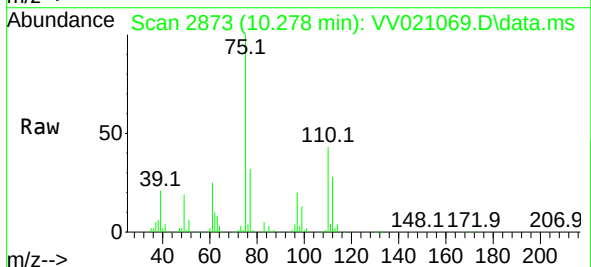
Instrument :
MSVOA_V
ClientSampled :

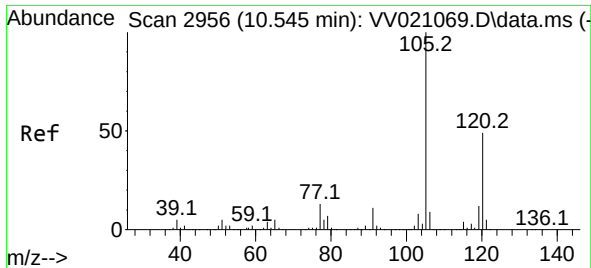
Tgt Ion:105 Resp: 1200539
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.6
77 16.1 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 53.13 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 75 Resp: 326684
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 43.6 34.9 52.3

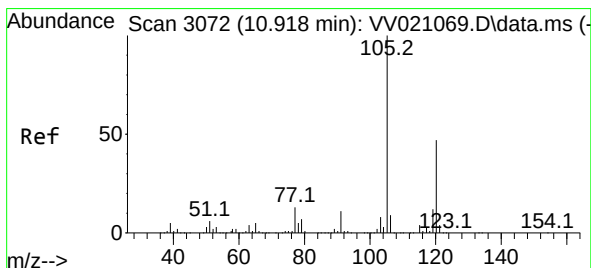
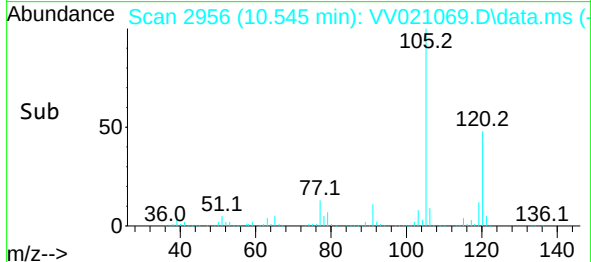
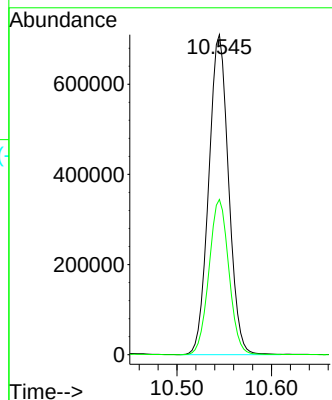
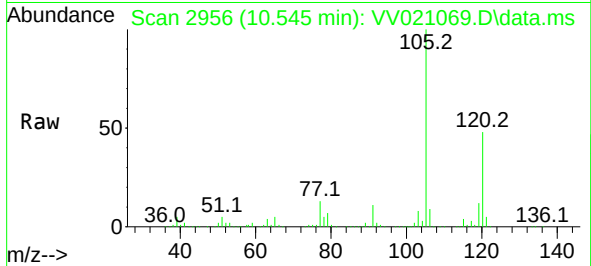




#62
1,3,5-Trimethylbenzene
Concen: 53.16 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

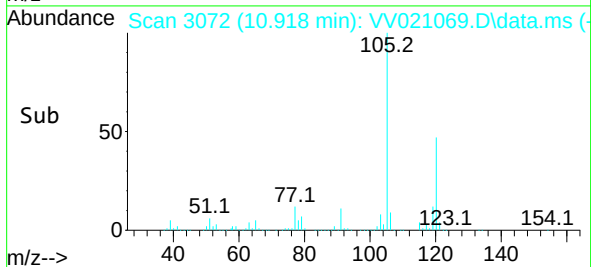
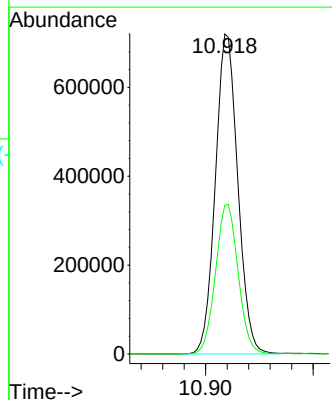
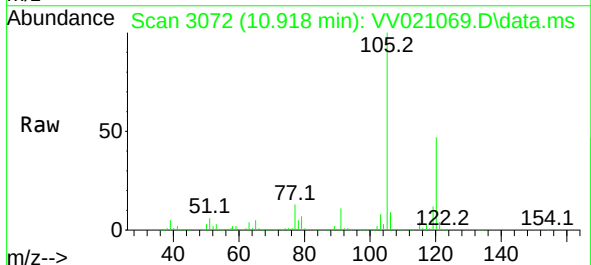
Instrument :
MSVOA_V
ClientSampleId :

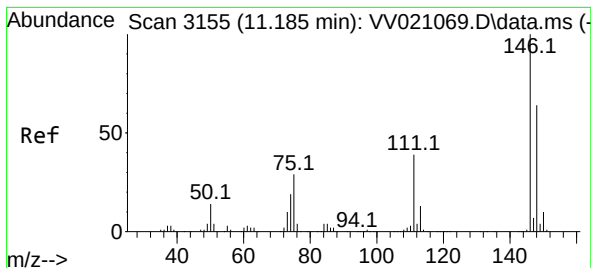
Tgt Ion:105 Resp: 1034963
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 52.93 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion:105 Resp: 1042179
Ion Ratio Lower Upper
105 100
120 47.1 37.7 56.5





#64

1,3-Dichlorobenzene

Concen: 50.97 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.000 min

Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

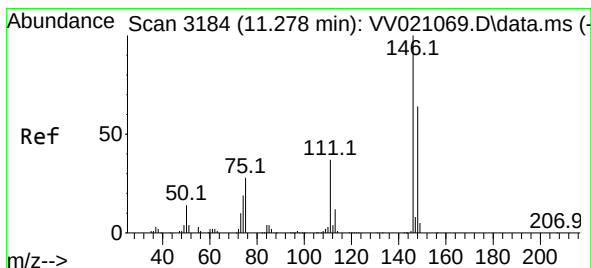
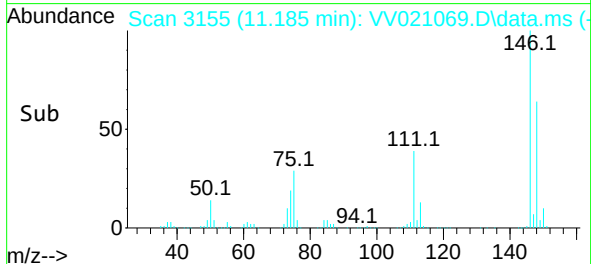
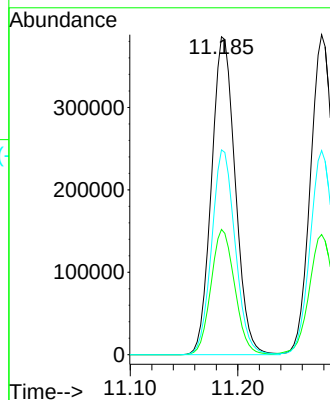
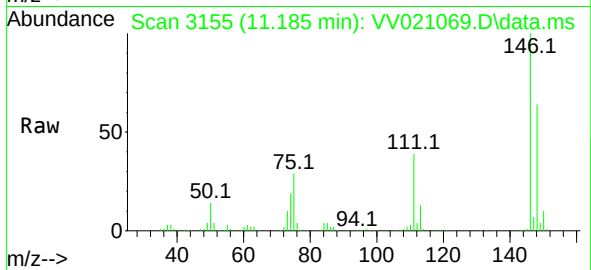
Tgt Ion:146 Resp: 592141

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 64.4 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 48.80 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. 0.000 min

Lab File: VV021069.D

Acq: 21 Apr 2021 10:51

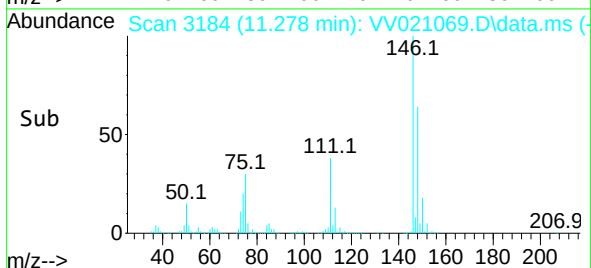
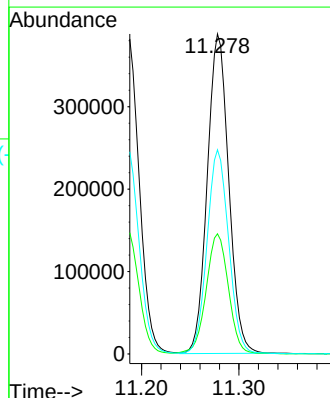
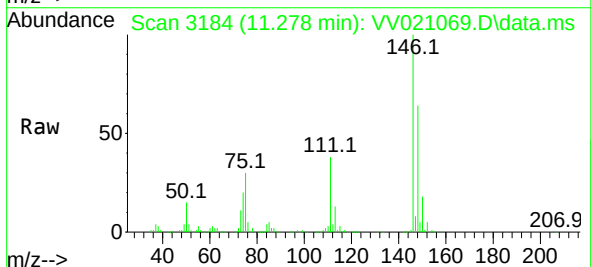
Tgt Ion:146 Resp: 592450

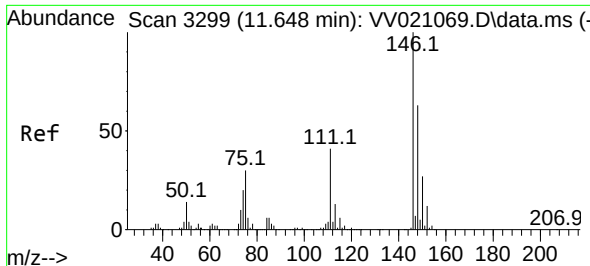
Ion Ratio Lower Upper

146 100

111 37.6 26.3 48.9

148 63.8 44.7 82.9

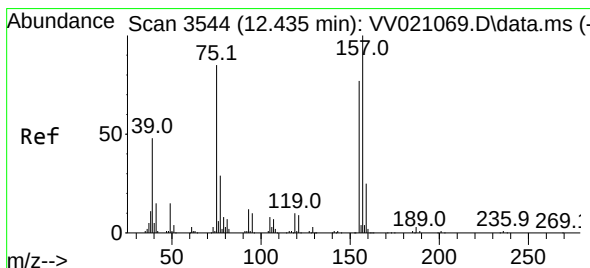
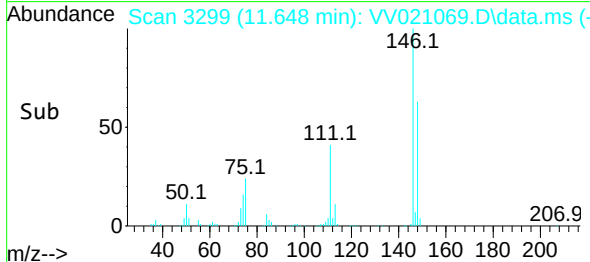
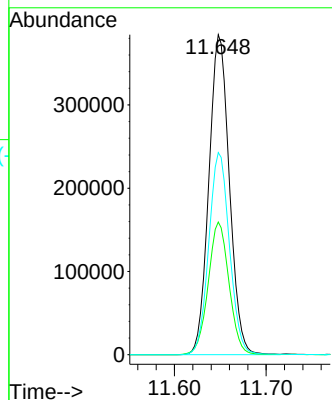
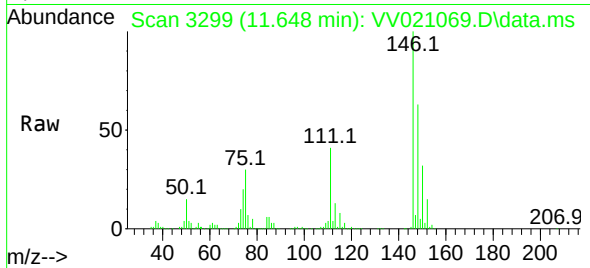




#67
1,2-Dichlorobenzene
Concen: 49.67 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

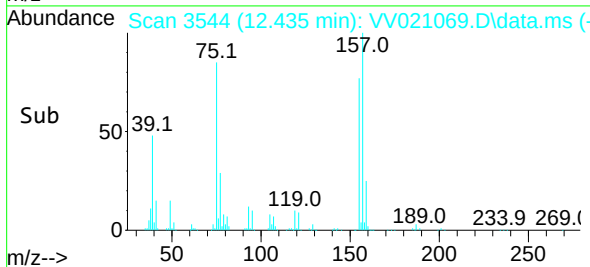
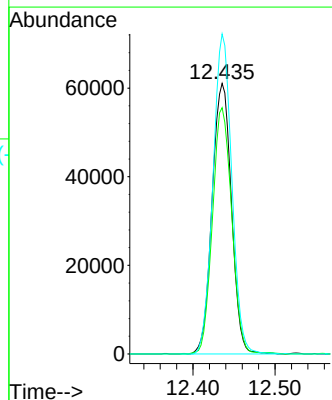
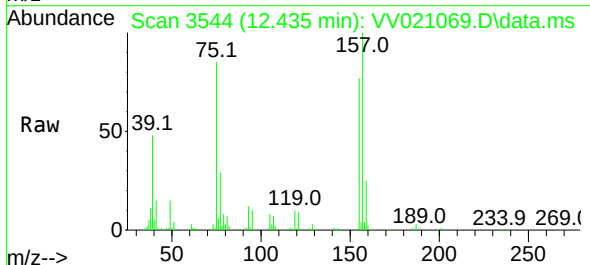
Instrument :
MSVOA_V
ClientSampled :

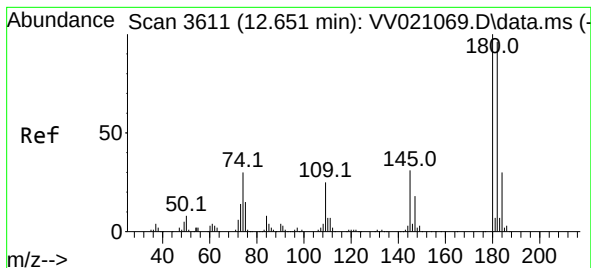
Tgt Ion:146 Resp: 596283
Ion Ratio Lower Upper
146 100
111 41.5 33.2 49.8
148 63.2 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 55.22 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion: 75 Resp: 99900
Ion Ratio Lower Upper
75 100
155 91.0 72.8 109.2
157 118.3 94.6 142.0

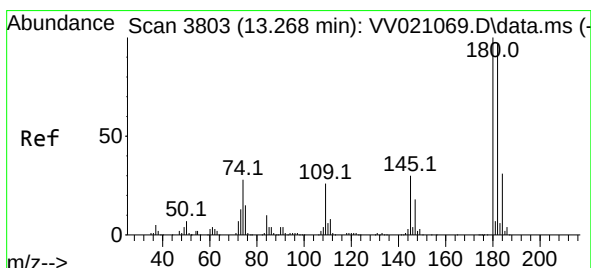
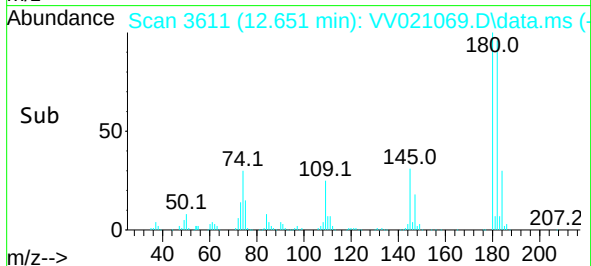
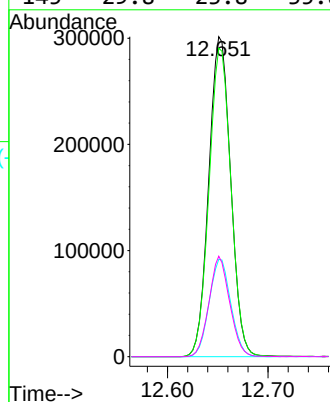
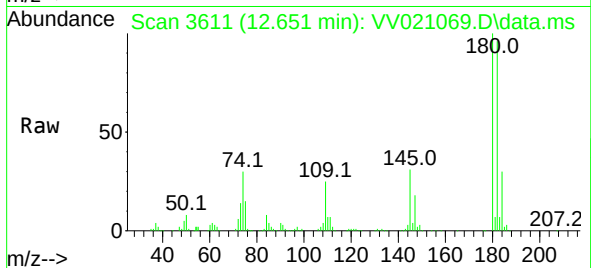




#69
1,3,5-Trichlorobenzene
Concen: 50.07 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

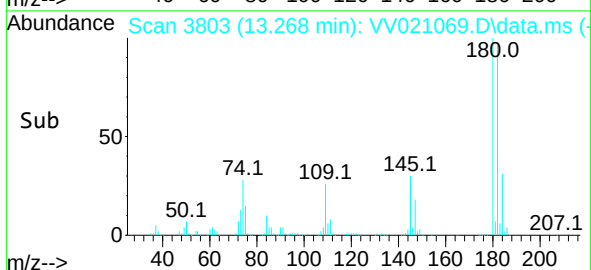
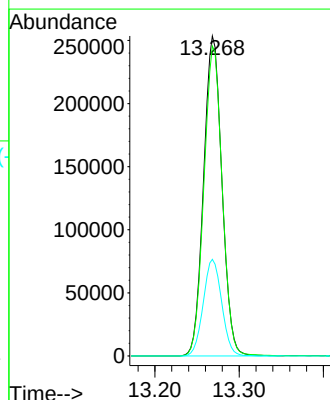
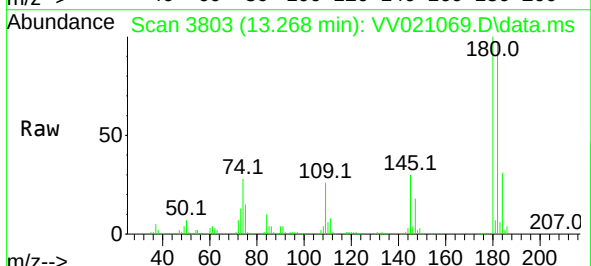
Instrument :
MSVOA_V
ClientSampleId :

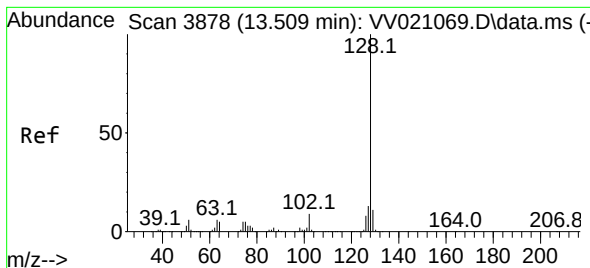
Tgt Ion:180 Resp: 455641
Ion Ratio Lower Upper
180 100
182 96.7 77.4 116.0
184 30.1 24.1 36.1
145 29.8 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 50.96 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

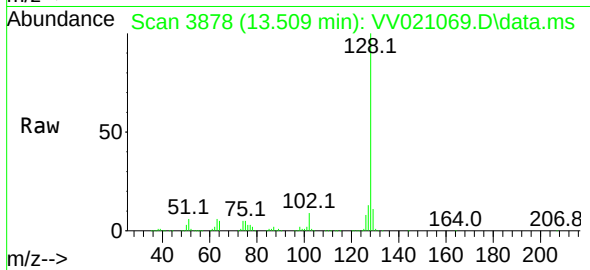
Tgt Ion:180 Resp: 384039
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 30.4 24.3 36.5



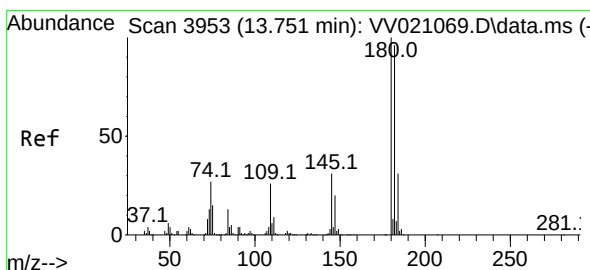
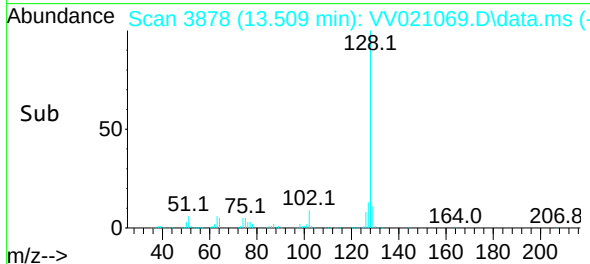
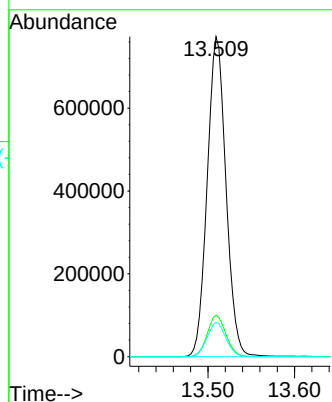


#71
Naphthalene
Concen: 58.37 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1161822
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.55 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021069.D
Acq: 21 Apr 2021 10:51

Tgt Ion:180 Resp: 406662
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.3 25.0 37.6

