

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050521\
 Data File : VV021297.D
 Acq On : 05 May 2021 16:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 06 02:19:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 06 02:15:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	698091	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	685926	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	406470	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172837	55.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.62%			
7) Chloroethane-d5	1.571	69	145978	52.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.50%			
11) 1,1-Dichloroethene-d2	2.111	63	422541	48.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.82%			
21) 2-Butanone-d5	4.117	46	465	0.19	ug/L	0.22
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.19%#			
24) Chloroform-d	4.355	84	472146	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.037	65	346291	46.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.88%			
32) Benzene-d6	5.053	84	784649	49.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.34%			
36) 1,2-Dichloropropane-d6	6.075	67	186899	46.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.12%			
41) Toluene-d8	7.320	98	814892	49.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.56%			
43) trans-1,3-Dichloroprop...	7.625	79	137042	45.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.80%			
47) 2-Hexanone-d5	8.091	63	183169	97.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.75%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	306262	47.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.32%			
66) 1,2-Dichlorobenzene-d4	11.628	152	368556	46.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	256926	45.59	ug/L	100
3) Chloromethane	1.243	50	152719	45.07	ug/L	97
5) Vinyl chloride	1.314	62	190603	45.13	ug/L	97
6) Bromomethane	1.523	94	162331	48.85	ug/L	95
8) Chloroethane	1.587	64	123076	45.11	ug/L	98
9) Trichlorofluoromethane	1.754	101	505407	45.63	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	232223	47.48	ug/L	97
12) 1,1-Dichloroethene	2.121	96	199621	45.67	ug/L	92
13) Acetone	2.201	43	229042	77.99	ug/L	77
14) Carbon disulfide	2.294	76	488123	44.51	ug/L	100
15) Methyl Acetate	2.442	43	179350	50.56	ug/L	100
16) Methylene chloride	2.510	84	220903	49.34	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	200840	45.89	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	774516	49.36	ug/L #	91
19) 1,1-Dichloroethane	3.195	63	369641	48.75	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	237003	49.25	ug/L	95
22) 2-Butanone	3.986	43	255148	91.02	ug/L	99
23) Bromochloromethane	4.249	128	136273	49.43	ug/L #	87
25) Chloroform	4.381	83	475602	47.64	ug/L	93

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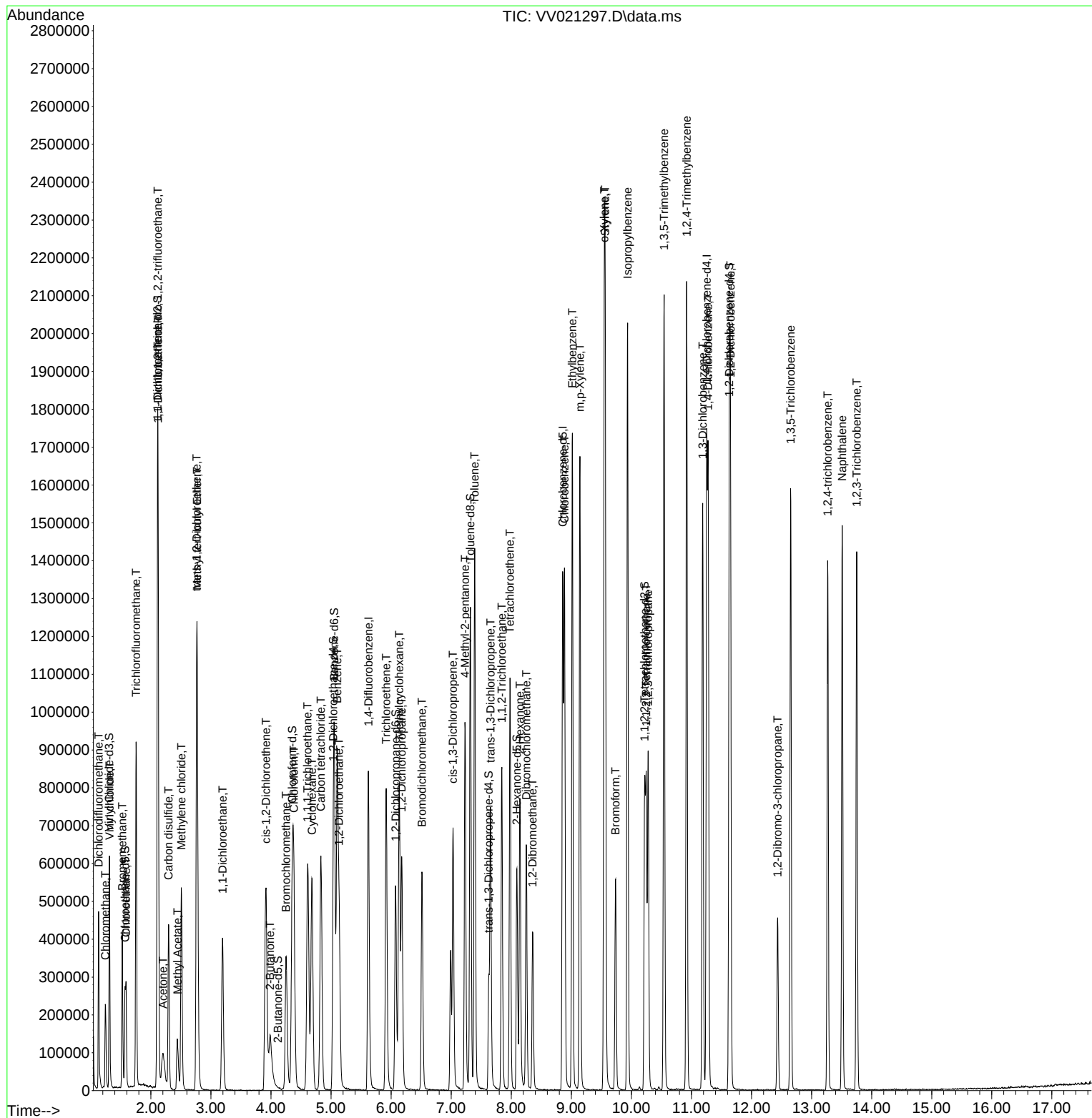
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	443936	48.78	ug/L	96
29) Cyclohexane	4.683	56	262110	45.46	ug/L	85
30) 1,1,1-Trichloroethane	4.609	97	512547	47.82	ug/L	99
31) Carbon tetrachloride	4.831	117	458451	46.01	ug/L	98
33) Benzene	5.104	78	840060	47.87	ug/L	100
34) Trichloroethene	5.918	95	263516	46.67	ug/L	98
35) Methylcyclohexane	6.137	83	344854	46.76	ug/L	99
37) 1,2-Dichloropropane	6.175	63	171484	46.28	ug/L #	93
38) Bromodichloromethane	6.513	83	370565	47.13	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	364269	50.38	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	518988	98.86	ug/L	98
42) Toluene	7.391	91	1000221	48.91	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	391651	49.66	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	237050	49.86	ug/L	94
46) Tetrachloroethene	7.979	164	227829	46.95	ug/L	98
48) 2-Hexanone	8.143	43	411902	97.67	ug/L #	95
49) Dibromochloromethane	8.249	129	319231	47.33	ug/L	99
50) 1,2-Dibromoethane	8.355	107	260712	48.68	ug/L	94
51) Chlorobenzene	8.886	112	675482	47.78	ug/L	96
52) Ethylbenzene	9.017	91	1143785	48.41	ug/L	99
53) m,p-Xylene	9.143	106	450869	48.60	ug/L	100
54) o-Xylene	9.548	106	441366	49.36	ug/L	97
55) Styrene	9.564	104	769301	50.53	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.246	83	321633	50.05	ug/L	95
59) Bromoform	9.738	173	254041	46.69	ug/L	99
60) Isopropylbenzene	9.937	105	1236767	47.62	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	312547	47.03	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	1097972	48.27	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	1131325	49.56	ug/L	94
64) 1,3-Dichlorobenzene	11.188	146	599243	47.52	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	601748	46.60	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	613294	48.15	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	107174	46.37	ug/L	88
69) 1,3,5-Trichlorobenzene	12.651	180	464588	47.57	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	400027	50.31	ug/L	98
71) Naphthalene	13.509	128	1097992	50.28	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	398126	49.48	ug/L	96

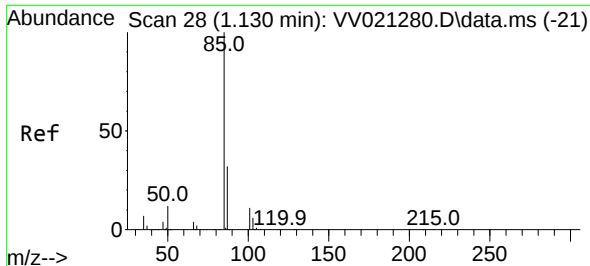
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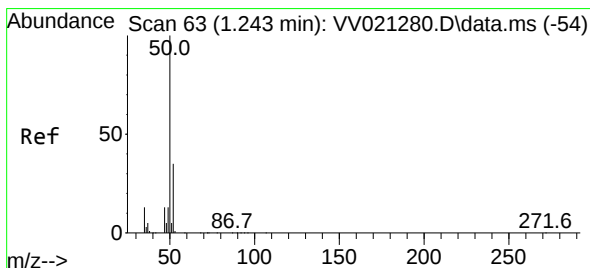
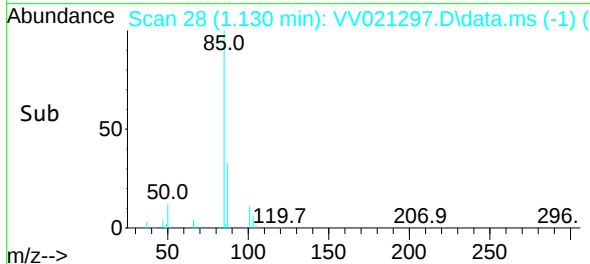
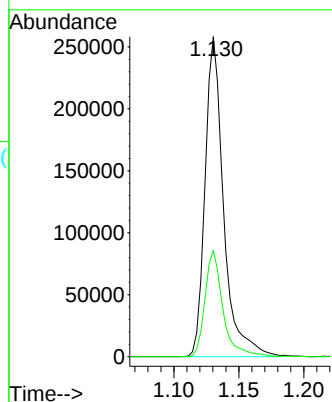
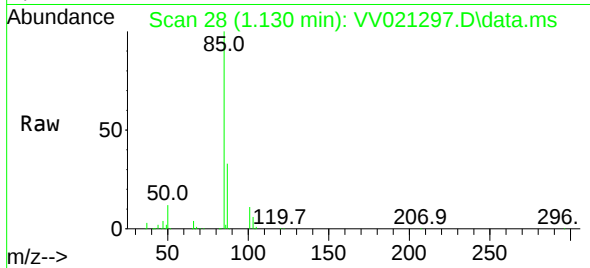




#2
Dichlorodifluoromethane
Concen: 45.59 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

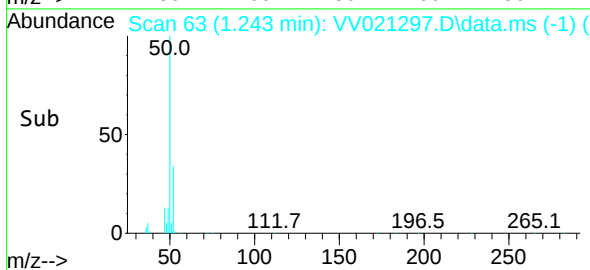
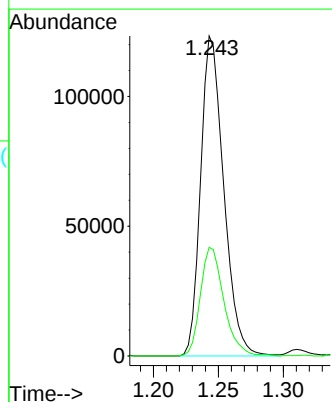
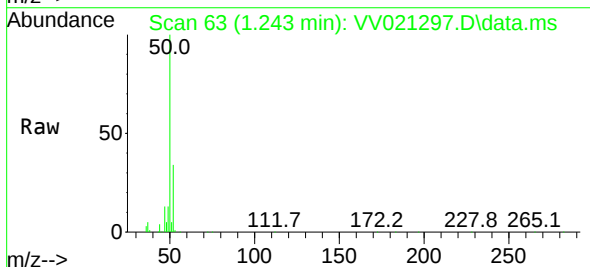
Instrument :
MSVOA_V
ClientSampled :

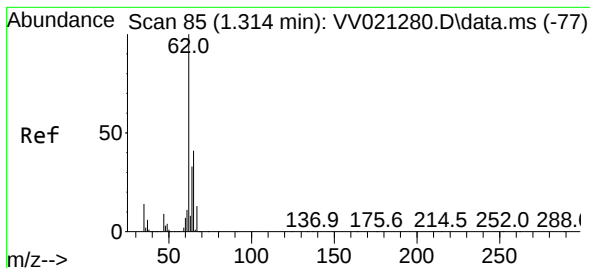
Tgt Ion: 85 Resp: 256926
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 45.07 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 50 Resp: 152719
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.1

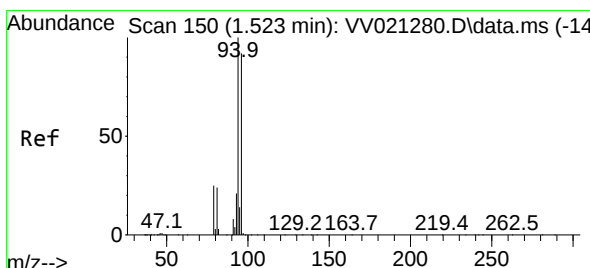
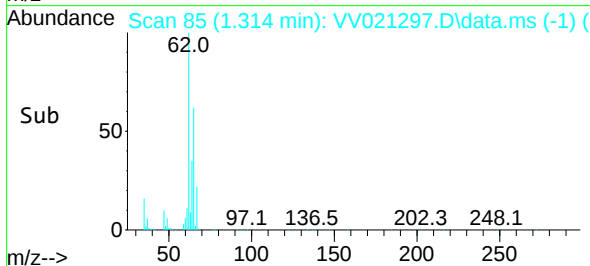
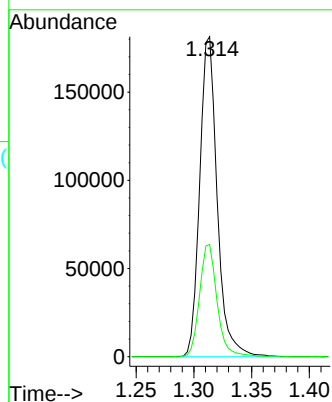
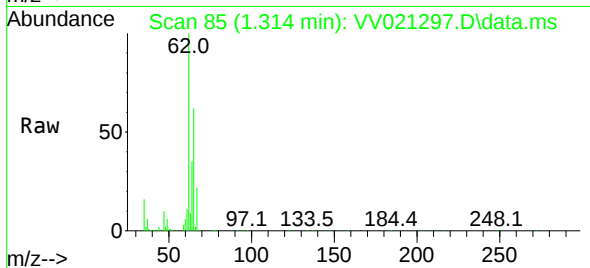




#5
 Vinyl chloride
 Concen: 45.13 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV021297.D
 Acq: 05 May 2021 16:52

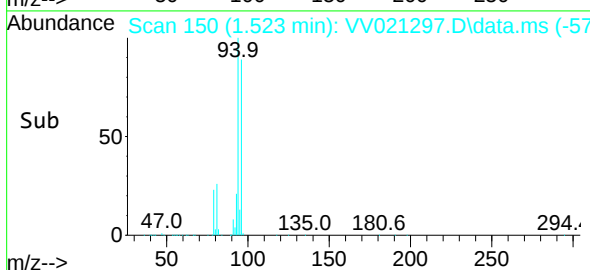
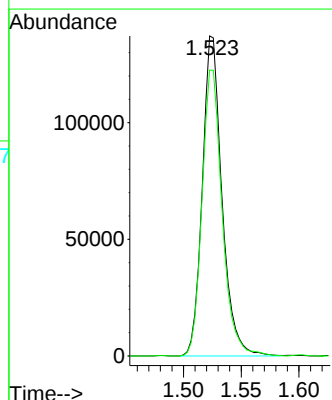
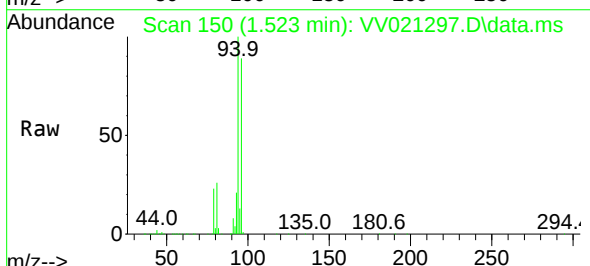
Instrument :
 MSVOA_V
 ClientSampled :

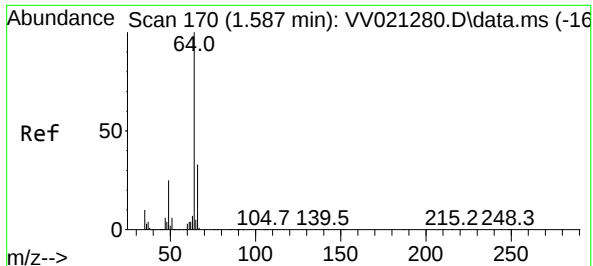
Tgt Ion: 62 Resp: 190603
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2



#6
 Bromomethane
 Concen: 48.85 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV021297.D
 Acq: 05 May 2021 16:52

Tgt Ion: 94 Resp: 162331
 Ion Ratio Lower Upper
 94 100
 96 89.4 65.7 122.1

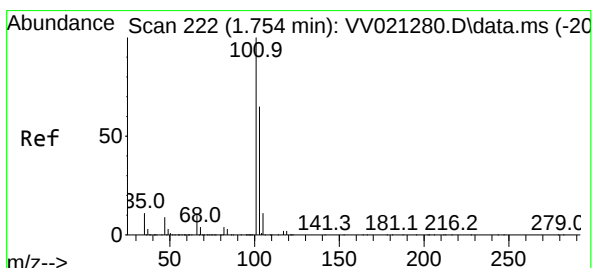
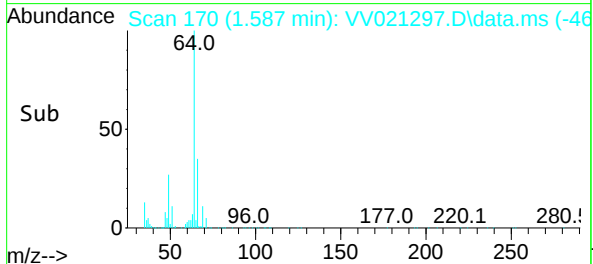
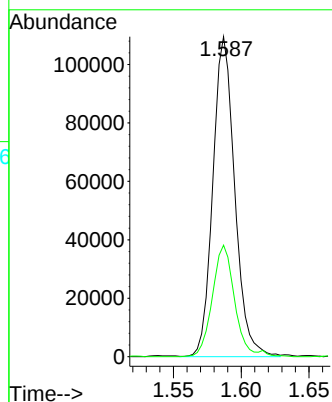
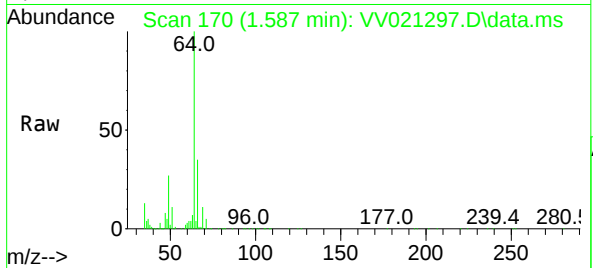




#8
Chloroethane
Concen: 45.11 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

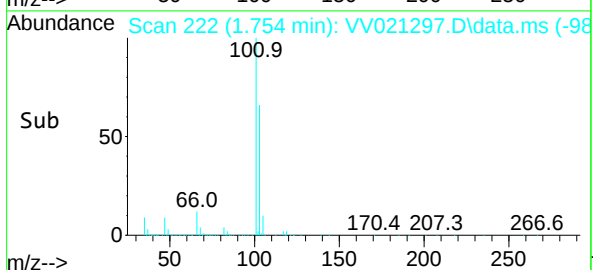
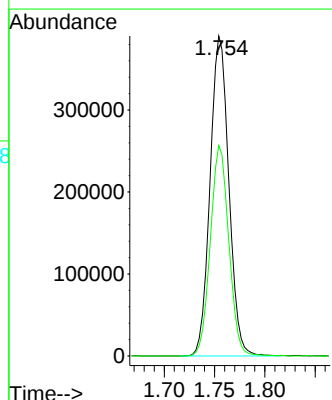
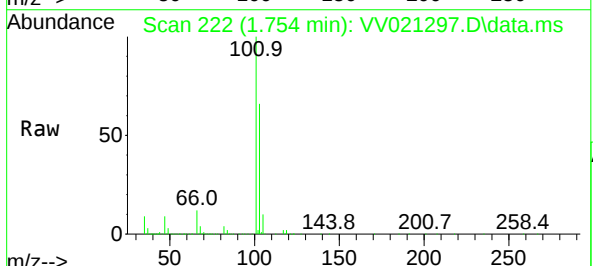
Instrument :
MSVOA_V
ClientSampled :

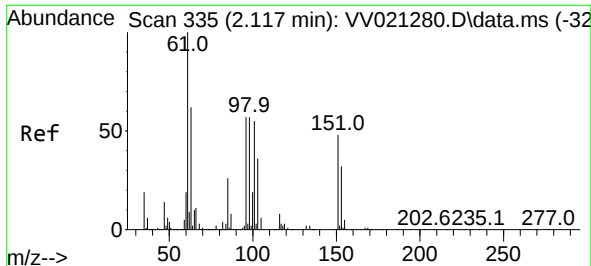
Tgt Ion: 64 Resp: 123076
Ion Ratio Lower Upper
64 100
66 34.8 23.7 43.9



#9
Trichlorofluoromethane
Concen: 45.63 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 101 Resp: 505407
Ion Ratio Lower Upper
101 100
103 64.8 53.0 79.6





#10

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

Concen: 47.48 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion:101 Resp: 232223

Ion Ratio Lower Upper

101 100

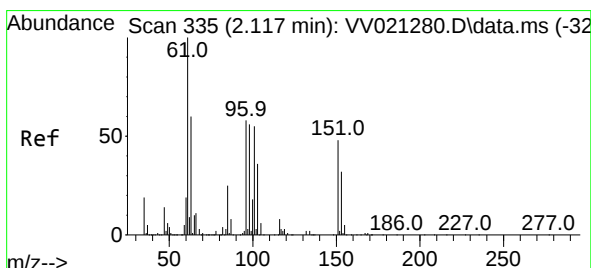
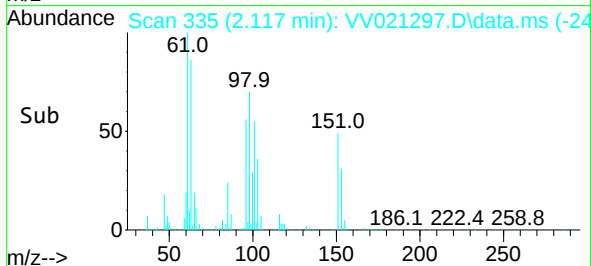
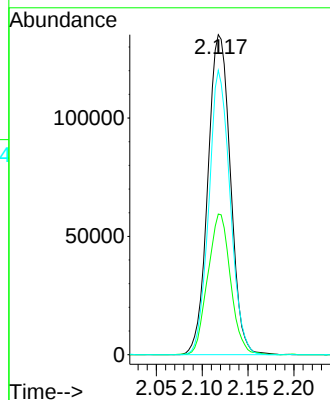
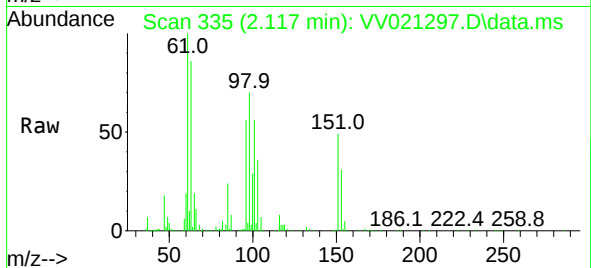
85 44.2 35.4 53.2

151 83.9 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 45.67 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

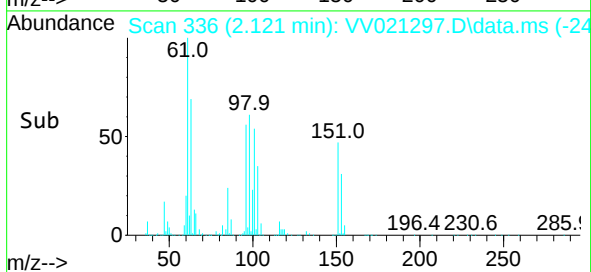
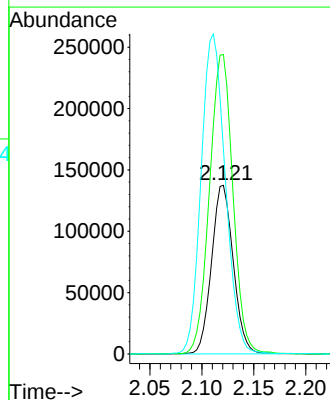
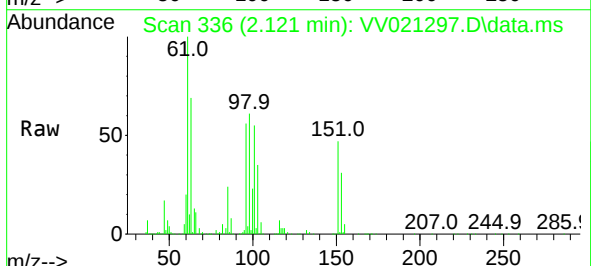
Tgt Ion: 96 Resp: 199621

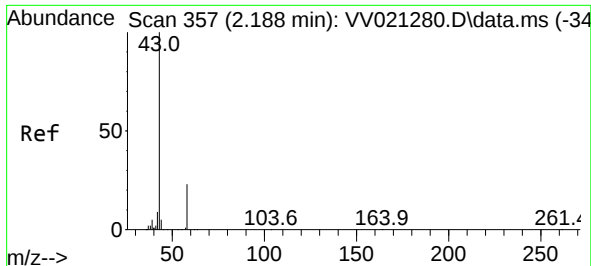
Ion Ratio Lower Upper

96 100

61 177.6 121.4 225.6

63 121.7 98.1 182.1

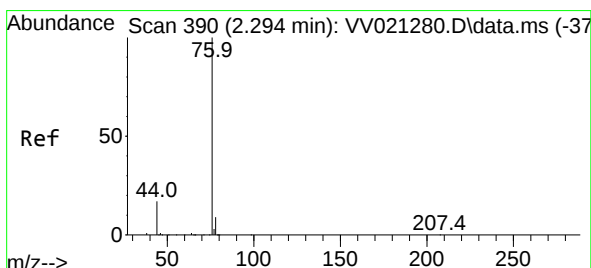
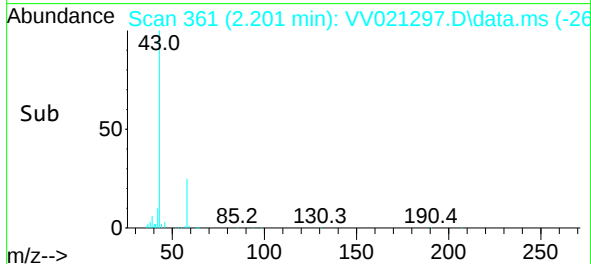
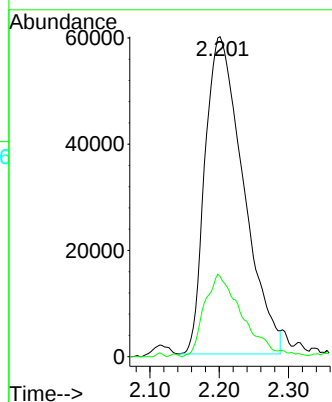
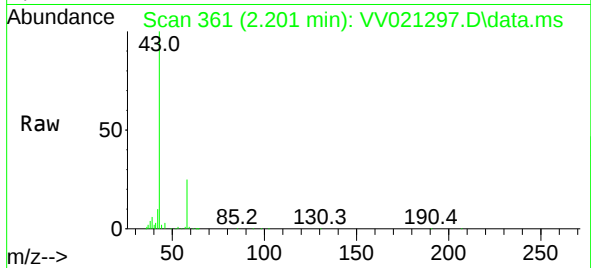




#13
Acetone
Concen: 77.99 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.013 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

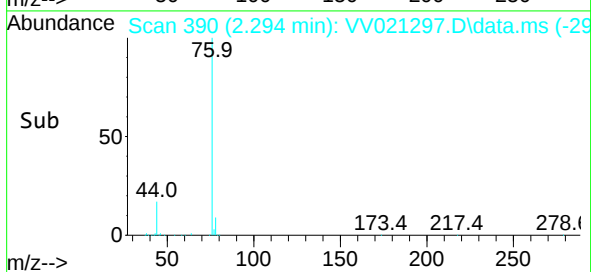
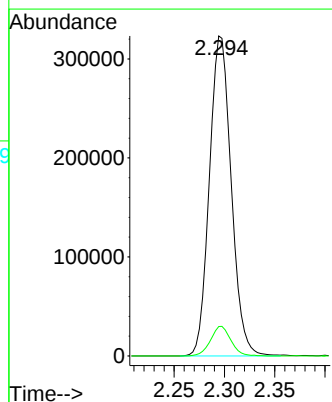
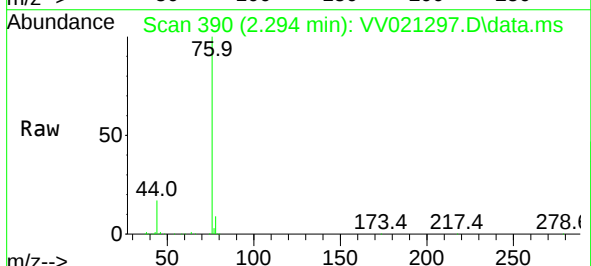
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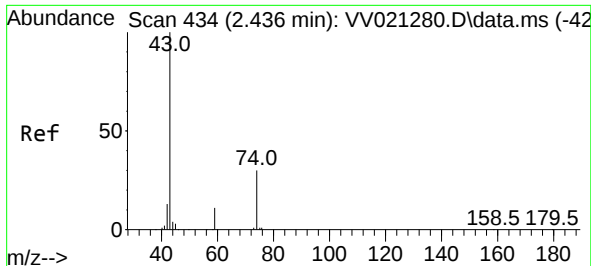
Tgt Ion: 43 Resp: 229042
Ion Ratio Lower Upper
43 100
58 25.2 0.0 30.8



#14
Carbon disulfide
Concen: 44.51 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 488123
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

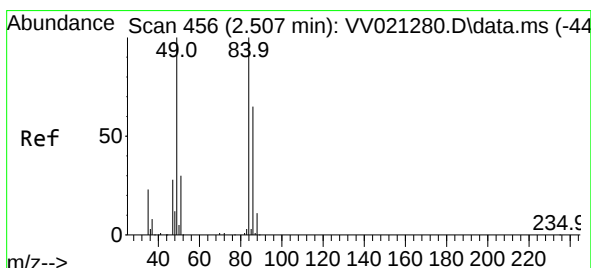
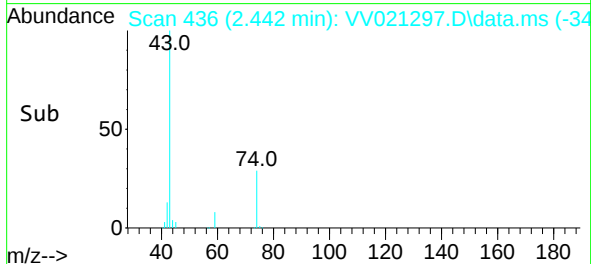
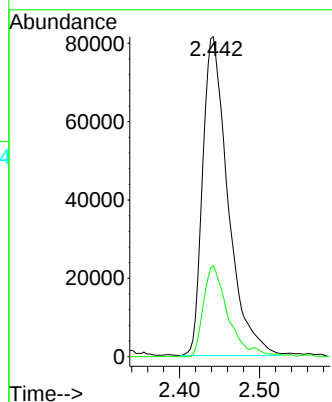
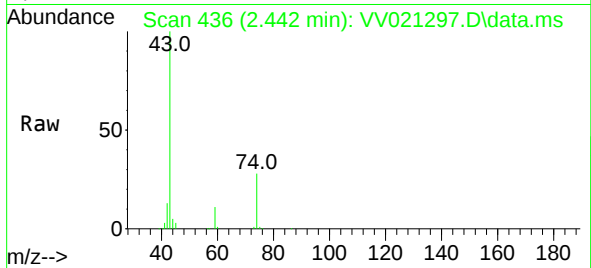




#15
Methyl Acetate
Concen: 50.56 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.006 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

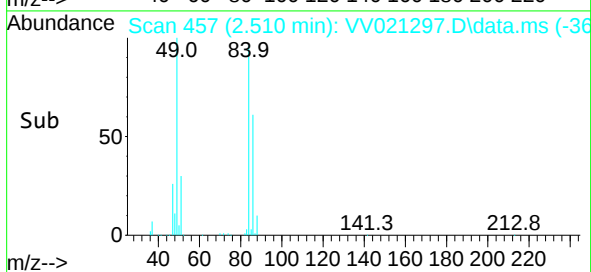
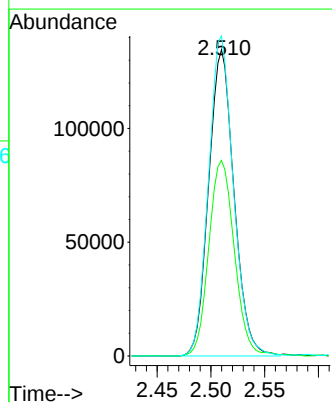
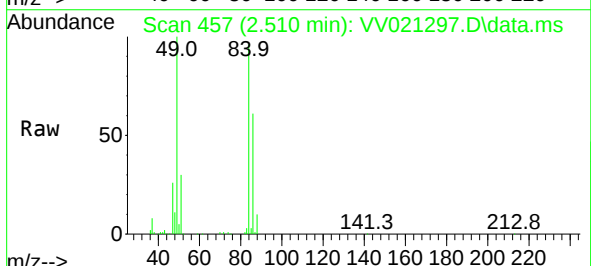
Instrument :
MSVOA_V
ClientSampled :

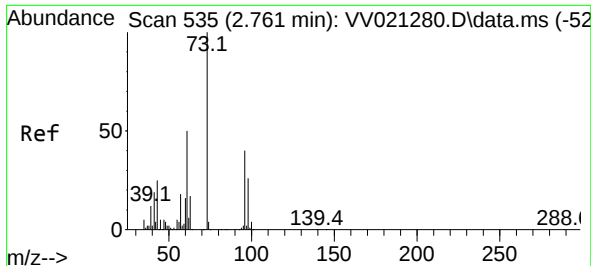
Tgt Ion: 43 Resp: 179350
Ion Ratio Lower Upper
43 100
74 26.2 21.2 31.8



#16
Methylene chloride
Concen: 49.34 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

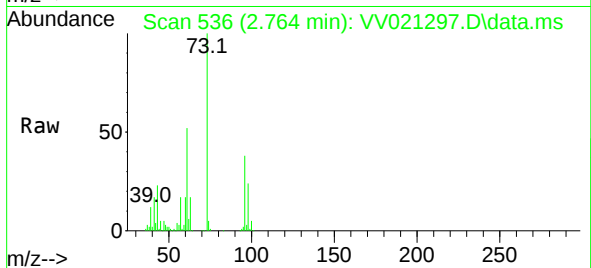
Tgt Ion: 84 Resp: 220903
Ion Ratio Lower Upper
84 100
86 63.8 44.9 83.5
49 104.5 78.1 145.1



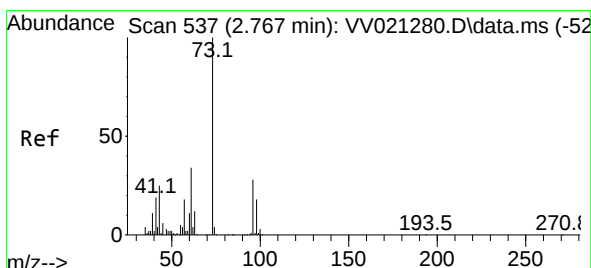
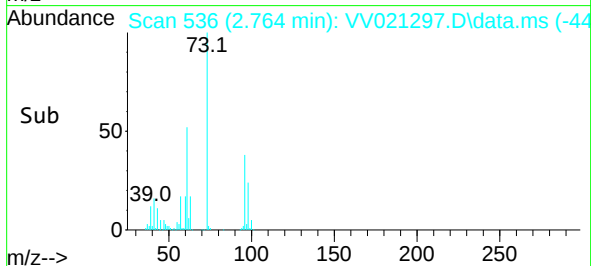
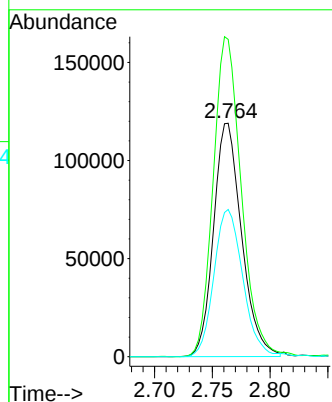


#17
trans-1,2-Dichloroethene
Concen: 45.89 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Instrument :
MSVOA_V
ClientSampleId :

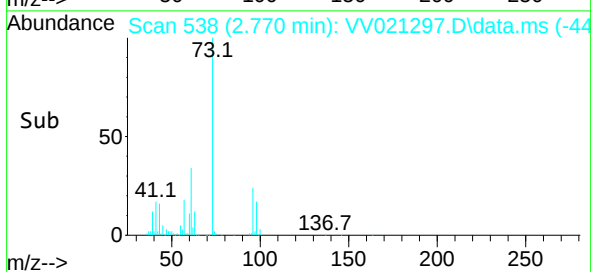
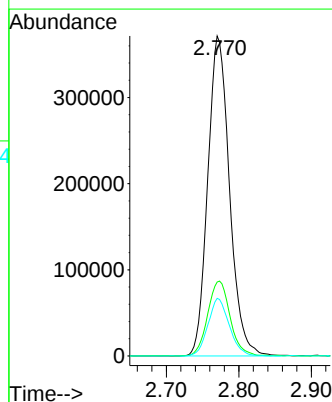
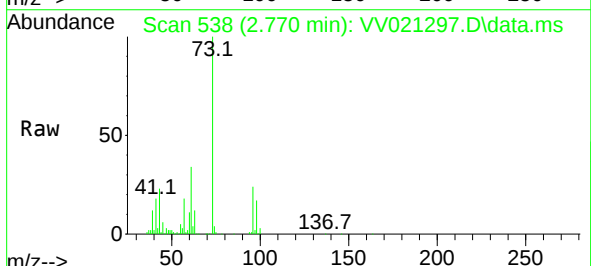


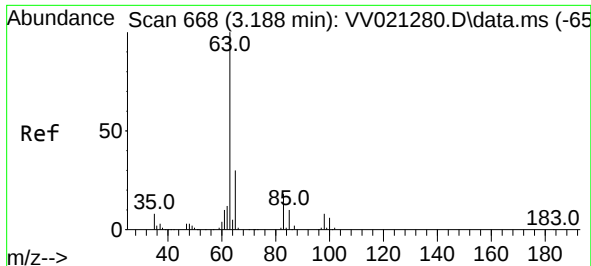
Tgt Ion: 96 Resp: 200840
Ion Ratio Lower Upper
96 100
61 135.9 89.3 165.9
98 63.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 49.36 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

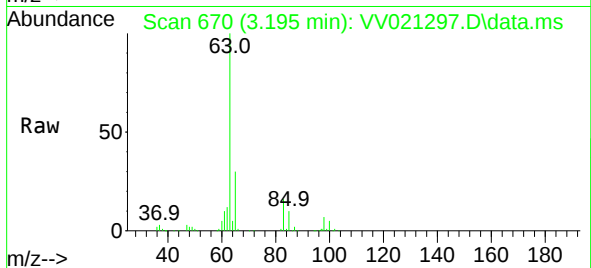
Tgt Ion: 73 Resp: 774516
Ion Ratio Lower Upper
73 100
43 23.9 14.7 22.1#
57 17.6 15.9 23.9



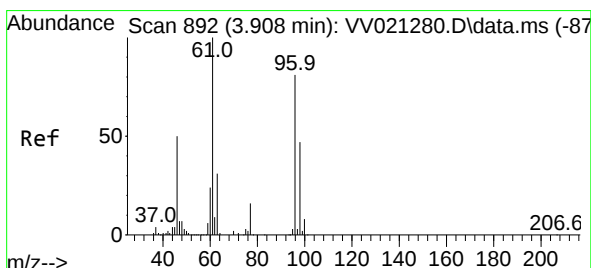
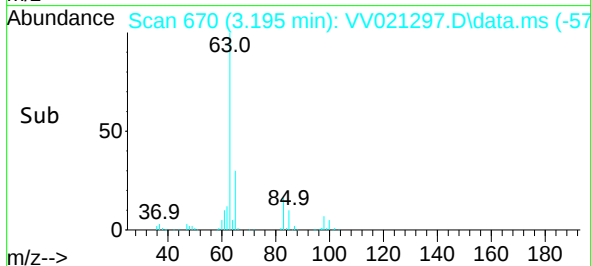
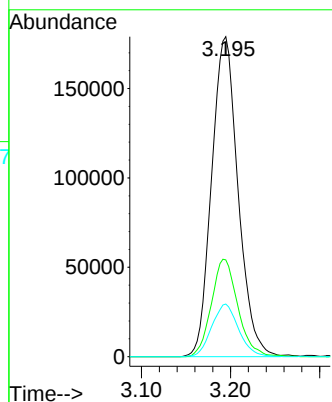


#19
1,1-Dichloroethane
Concen: 48.75 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Instrument :
MSVOA_V
ClientSampled :

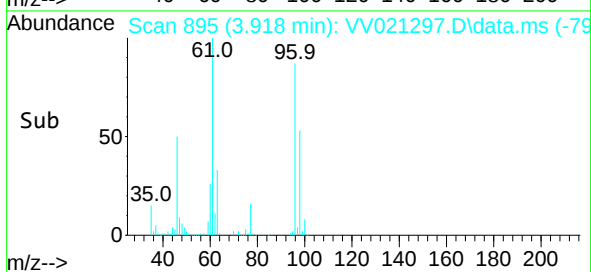
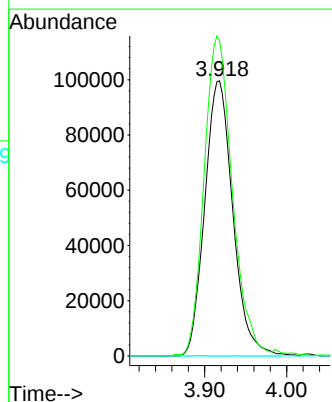
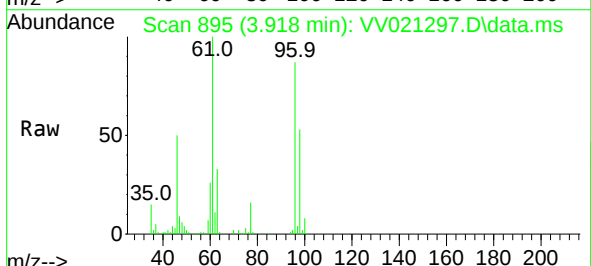


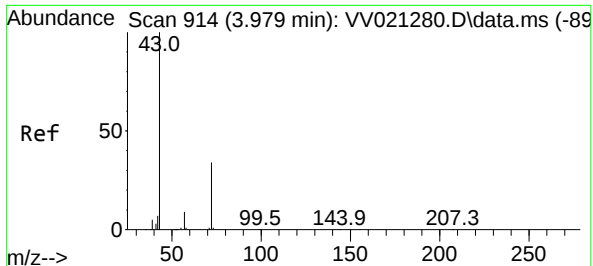
Tgt Ion: 63 Resp: 369641
Ion Ratio Lower Upper
63 100
65 30.2 21.9 40.7
83 16.5 10.6 19.6



#20
cis-1,2-Dichloroethene
Concen: 49.25 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 96 Resp: 237003
Ion Ratio Lower Upper
96 100
61 114.6 84.4 156.7
68 0.0 0.0 0.0

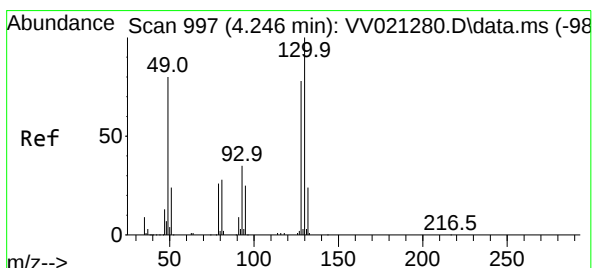
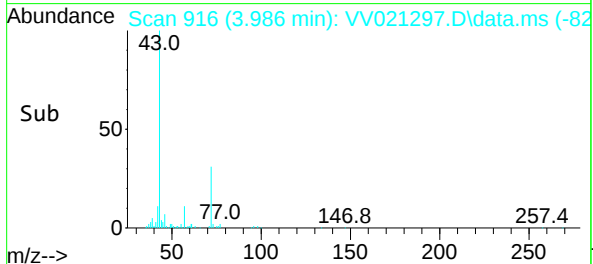
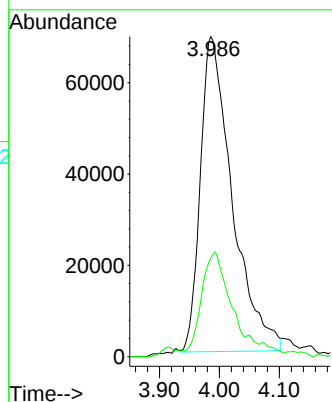
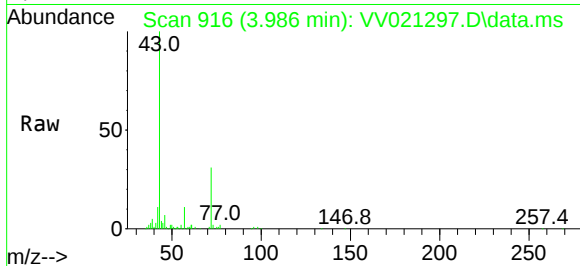




#22
2-Butanone
Concen: 91.02 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.006 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

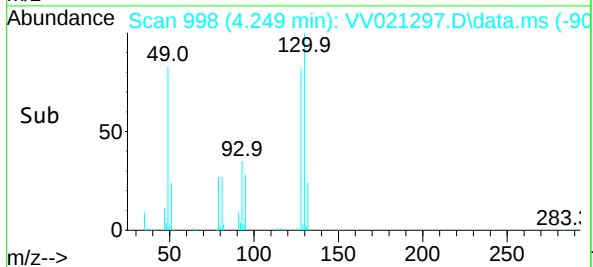
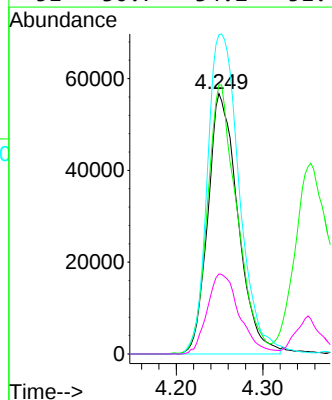
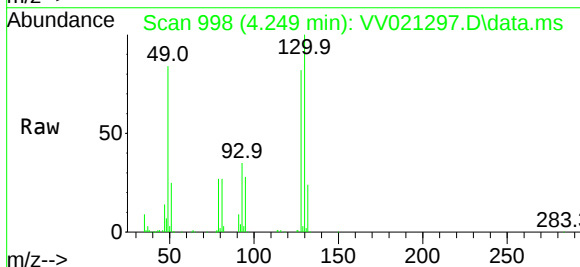
Instrument :
MSVOA_V
ClientSampled :

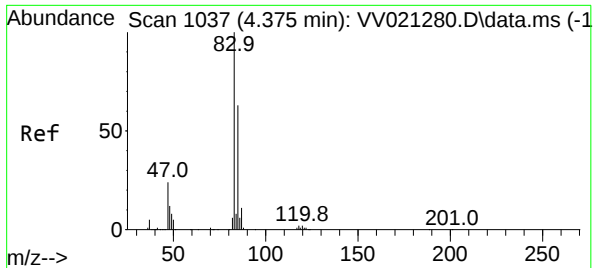
Tgt Ion: 43 Resp: 255148
Ion Ratio Lower Upper
43 100
72 26.0 13.2 39.6



#23
Bromochloromethane
Concen: 49.43 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion:128 Resp: 136273
Ion Ratio Lower Upper
128 100
49 103.4 91.3 169.6
130 122.6 86.8 161.2
51 30.7 34.2 51.4#





#25

Chloroform

Concen: 47.64 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

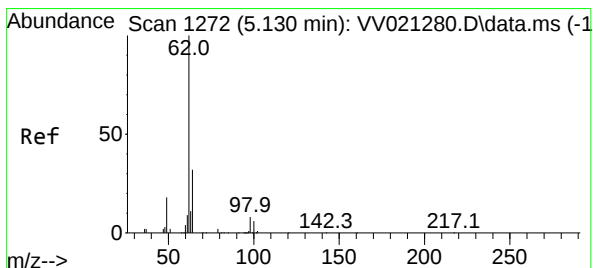
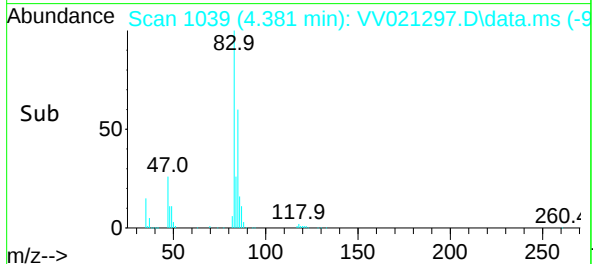
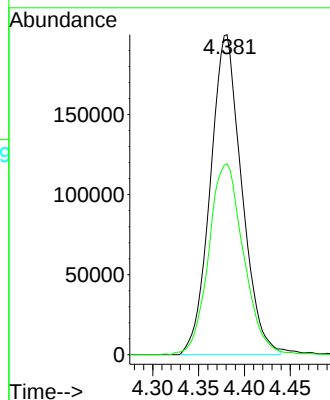
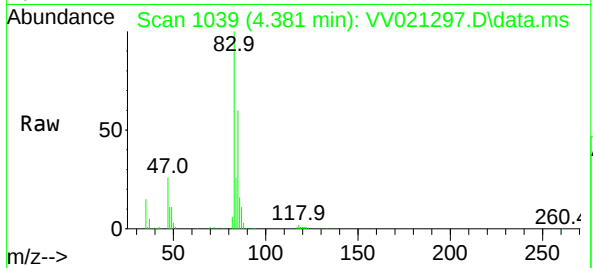
Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion: 83 Resp: 475602

Ion	Ratio	Lower	Upper
83	100		
85	59.6	45.6	84.6

Instrument :
MSVOA_V
ClientSampled :



#27

1,2-Dichloroethane

Concen: 48.78 ug/L

RT: 5.133 min Scan# 1273

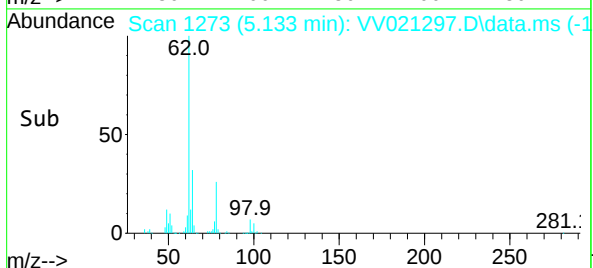
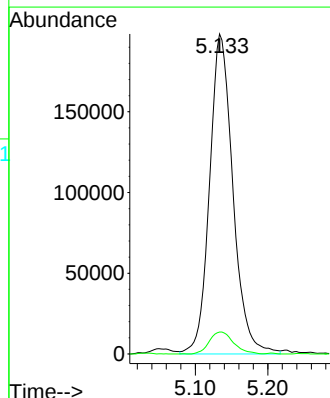
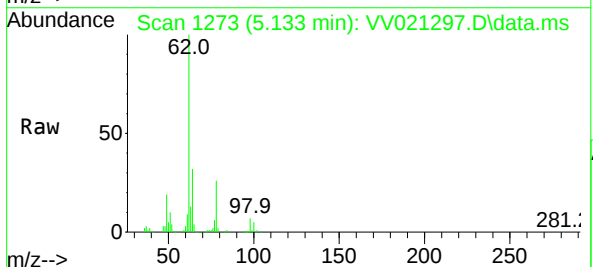
Delta R.T. 0.003 min

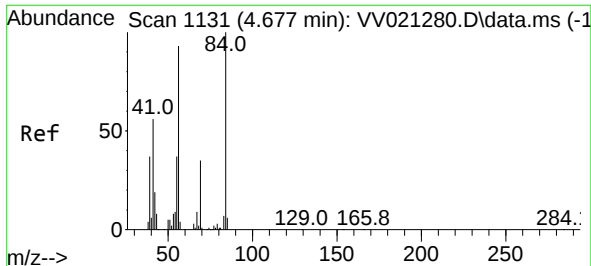
Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion: 62 Resp: 443936

Ion	Ratio	Lower	Upper
62	100		
98	6.8	6.7	10.1





#29

Cyclohexane

Concen: 45.46 ug/L

RT: 4.683 min Scan# 1133

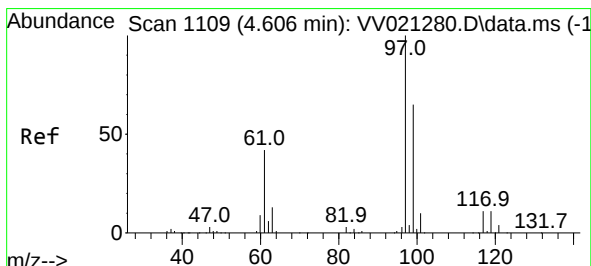
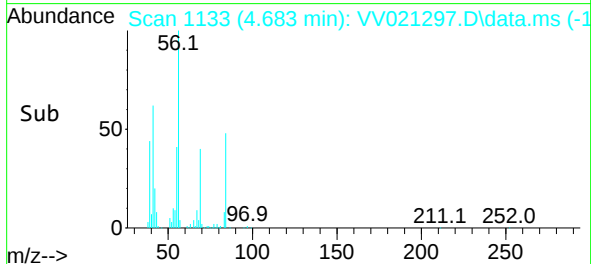
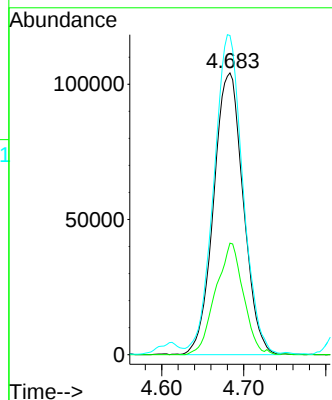
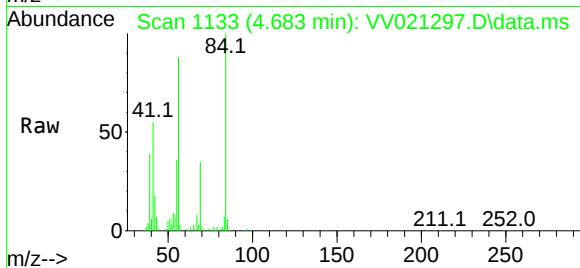
Delta R.T. 0.006 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion: 56 Resp: 262110

Ion	Ratio	Lower	Upper
56	100		
69	36.8	25.7	38.5
84	111.1	75.7	113.5



#30

1,1,1-Trichloroethane

Concen: 47.82 ug/L

RT: 4.609 min Scan# 1110

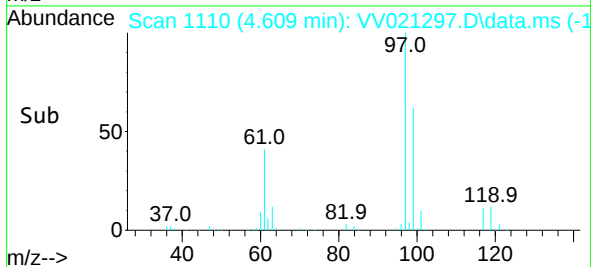
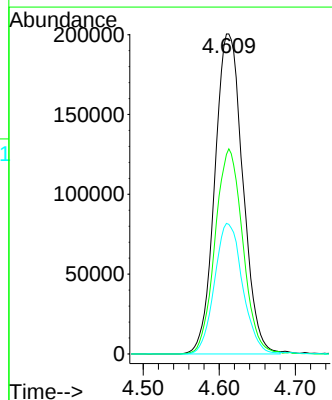
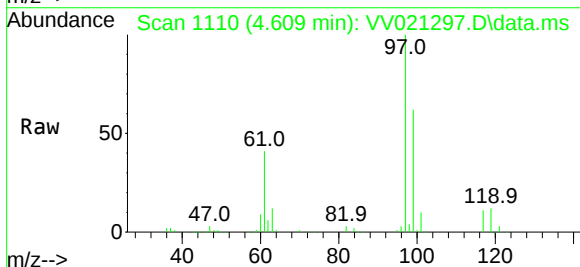
Delta R.T. 0.003 min

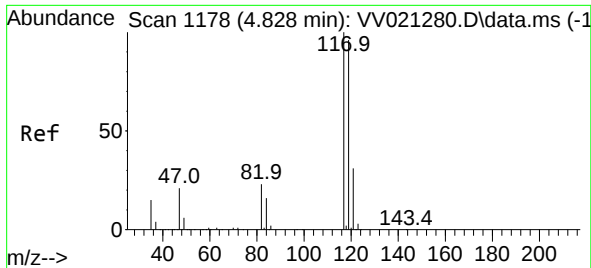
Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion: 97 Resp: 512547

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	40.8	32.1	48.1

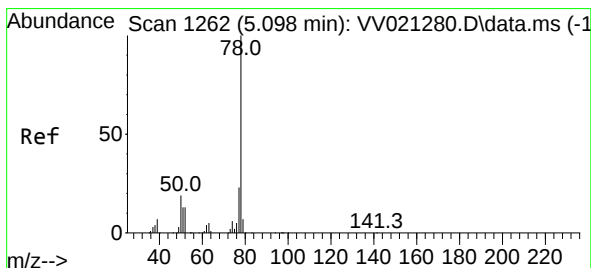
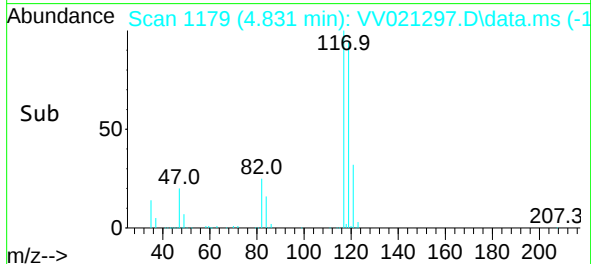
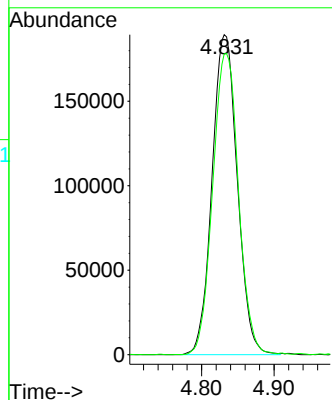
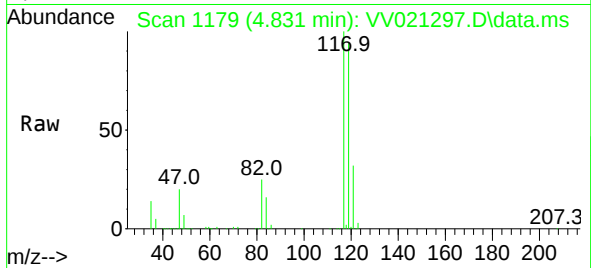




#31
Carbon tetrachloride
Concen: 46.01 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

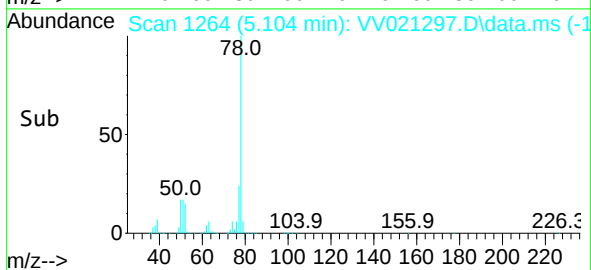
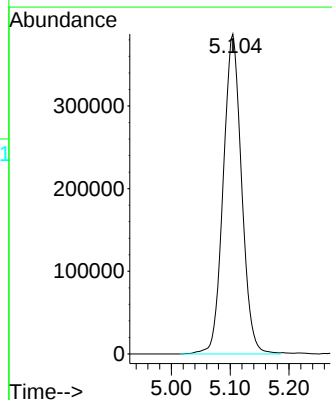
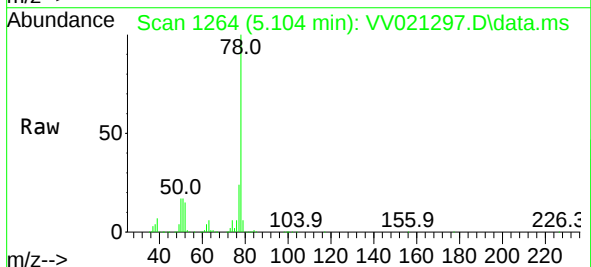
Instrument :
MSVOA_V
ClientSampled :

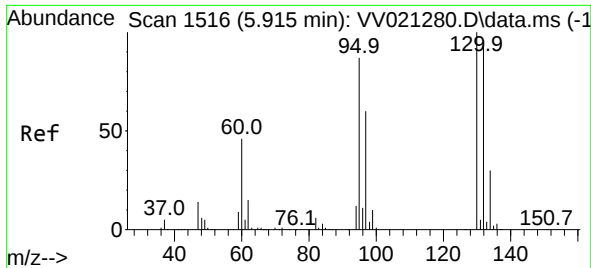
Tgt Ion:117 Resp: 458451
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.2



#33
Benzene
Concen: 47.87 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 78 Resp: 840060



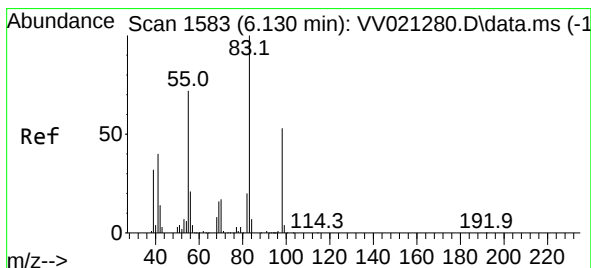
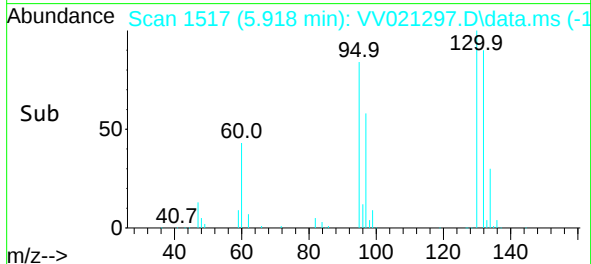
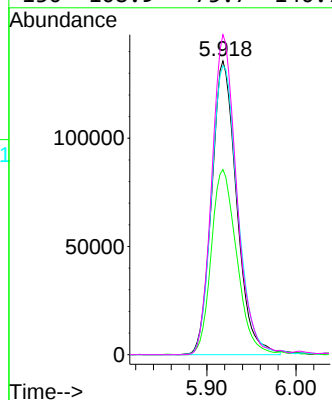
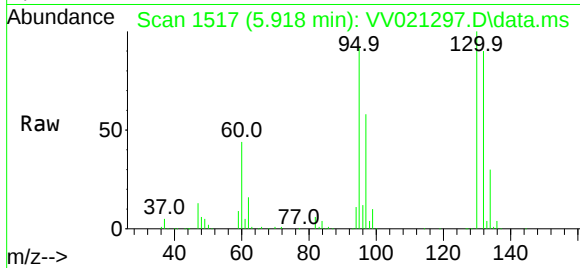


#34
Trichloroethene
Concen: 46.67 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 263516

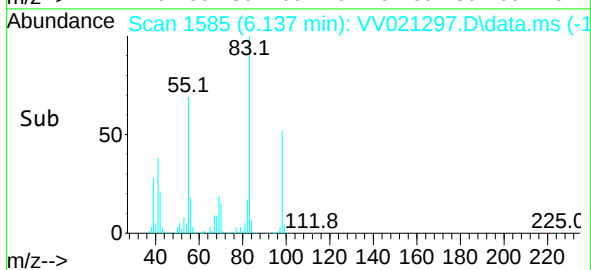
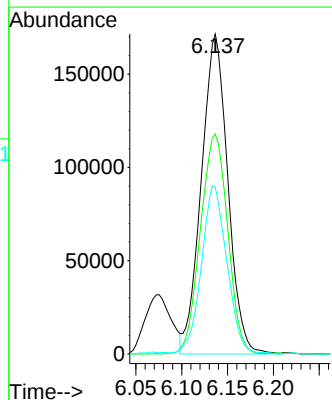
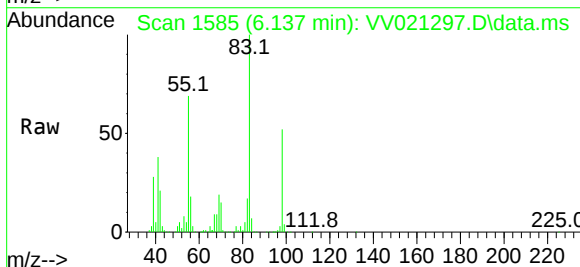
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.5	84.5
132	98.3	71.0	131.8
130	108.9	75.7	140.7

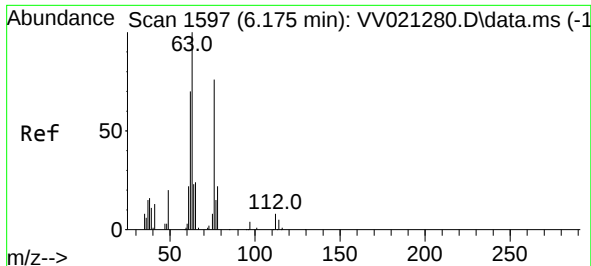


#35
Methylcyclohexane
Concen: 46.76 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 83 Resp: 344854

Ion	Ratio	Lower	Upper
83	100		
55	70.7	58.2	87.2
98	50.7	40.6	60.8

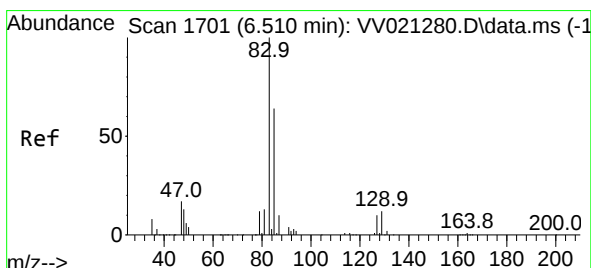
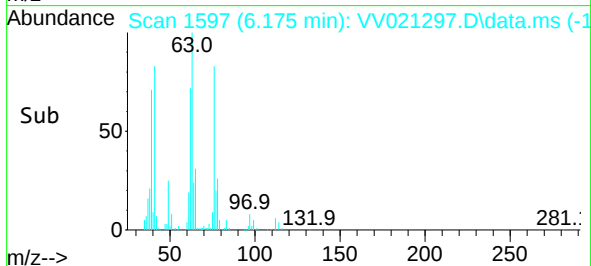
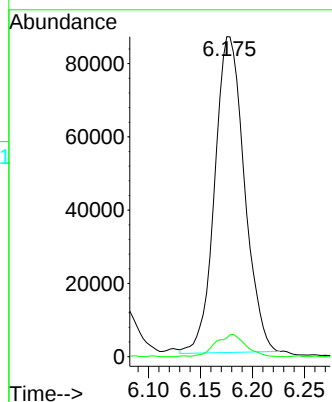
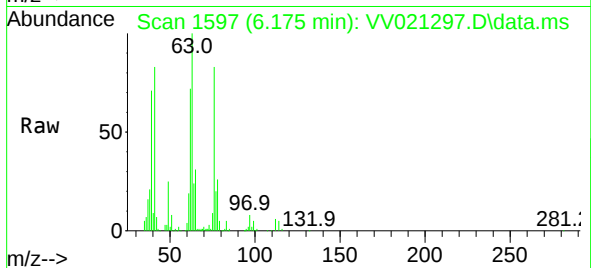




#37
1,2-Dichloropropane
Concen: 46.28 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

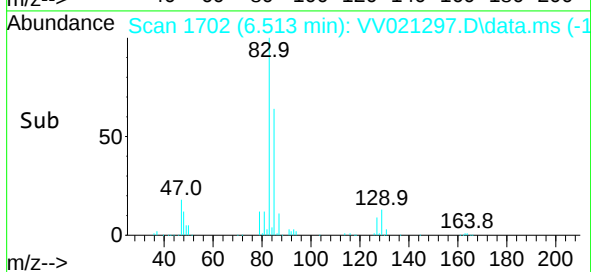
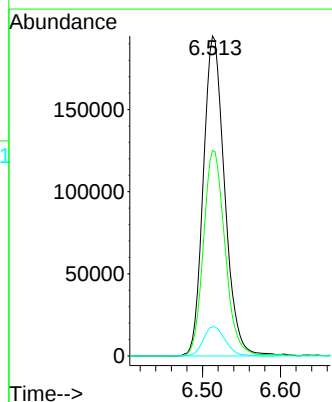
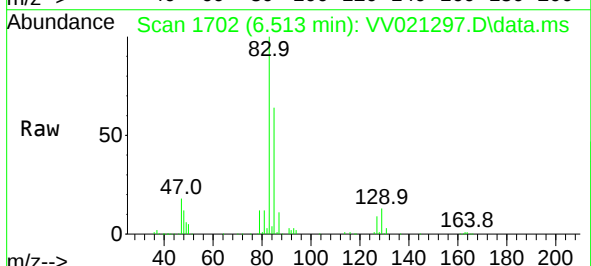
Instrument :
MSVOA_V
ClientSampled :

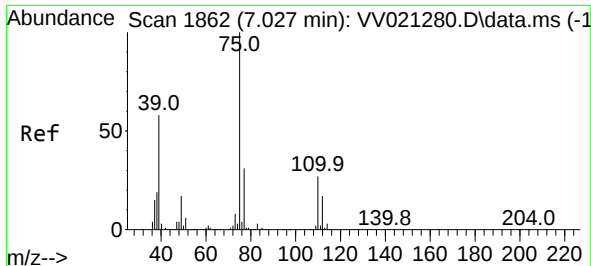
Tgt Ion: 63 Resp: 171484
Ion Ratio Lower Upper
63 100
112 7.1 3.9 5.9#



#38
Bromodichloromethane
Concen: 47.13 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 83 Resp: 370565
Ion Ratio Lower Upper
83 100
85 64.2 46.2 85.8
127 9.1 7.4 11.0

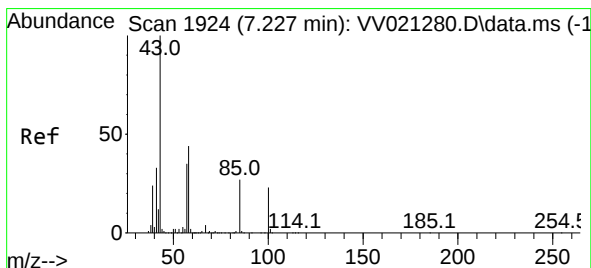
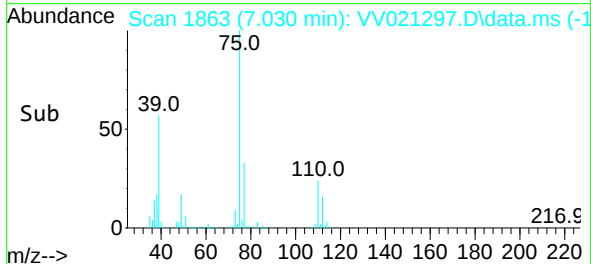
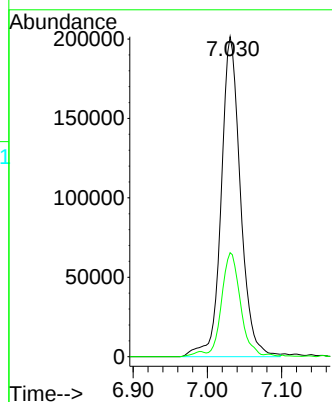
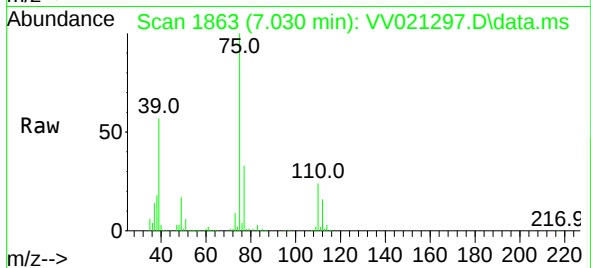




#39
 cis-1,3-Dichloropropene
 Concen: 50.38 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021297.D
 Acq: 05 May 2021 16:52

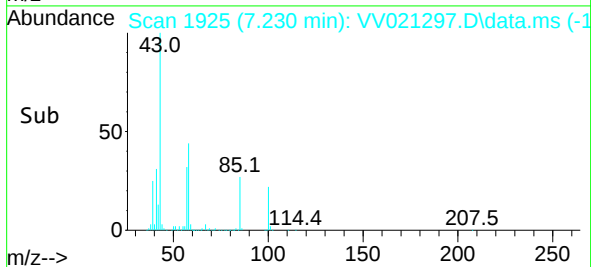
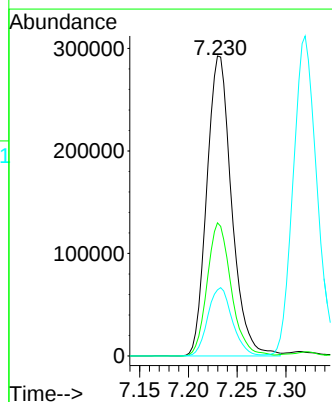
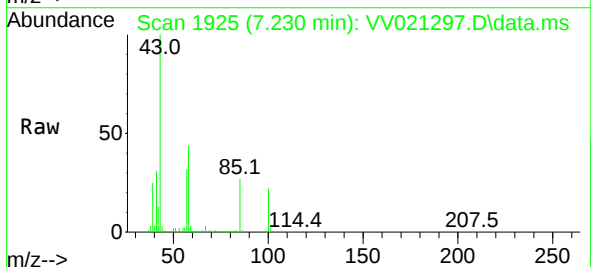
Instrument :
 MSVOA_V
 ClientSampled :

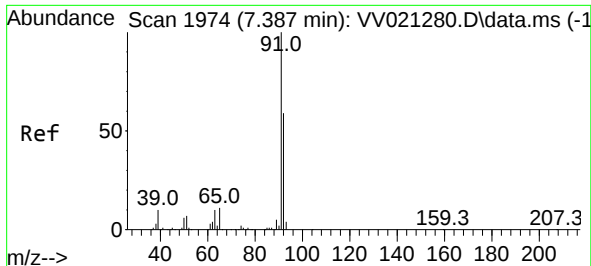
Tgt Ion: 75 Resp: 364269
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 98.86 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV021297.D
 Acq: 05 May 2021 16:52

Tgt Ion: 43 Resp: 518988
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.5 51.7
 100 22.4 15.2 22.8





#42

Toluene

Concen: 48.91 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021297.D

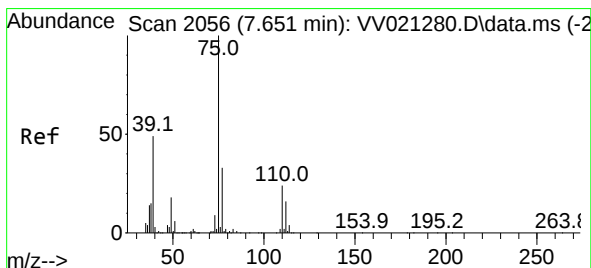
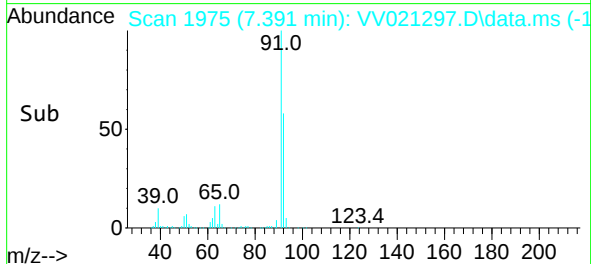
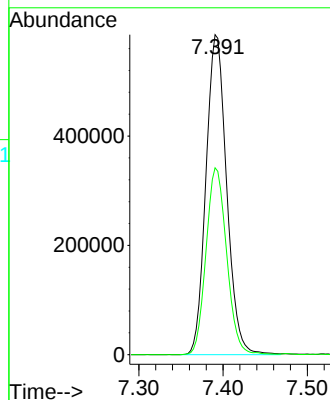
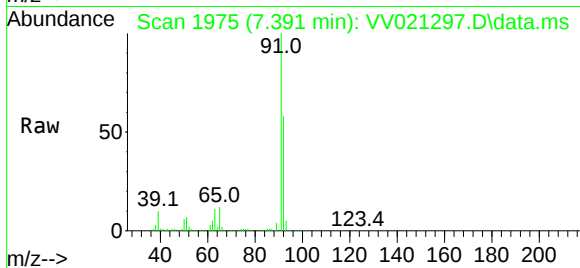
Acq: 05 May 2021 16:52

Tgt Ion: 91 Resp: 1000221

Ion Ratio Lower Upper

91 100

92 58.4 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 49.66 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV021297.D

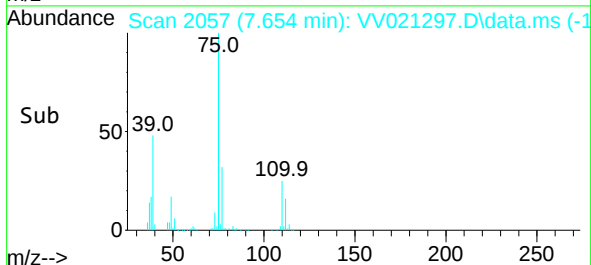
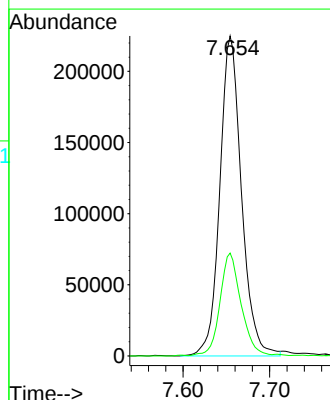
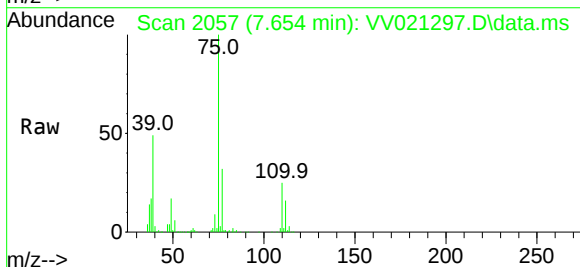
Acq: 05 May 2021 16:52

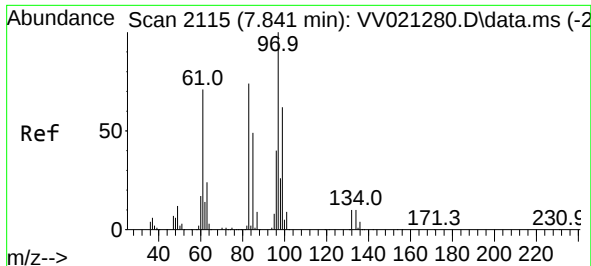
Tgt Ion: 75 Resp: 391651

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



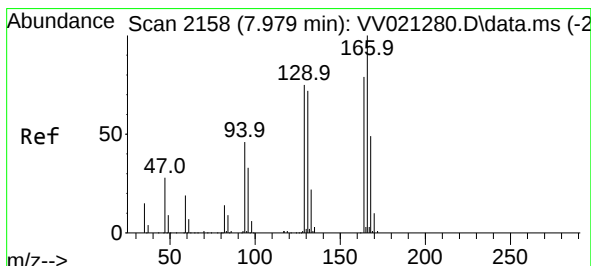
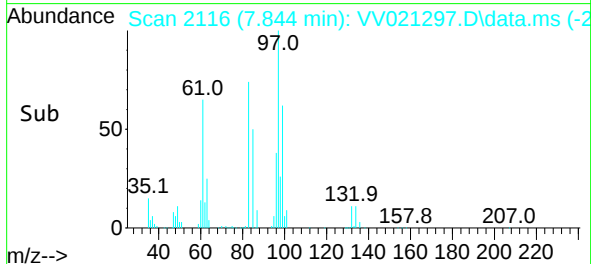
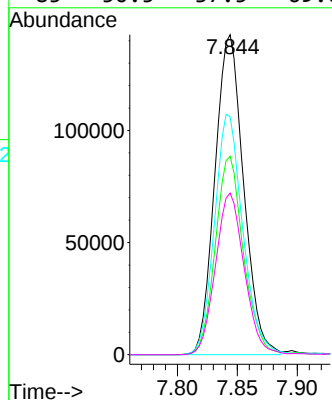
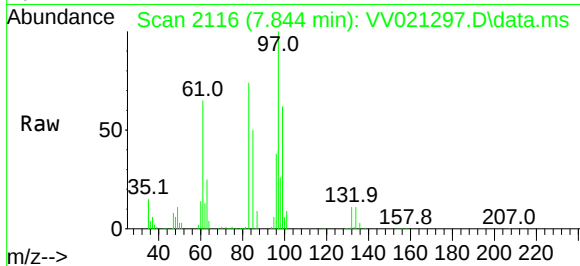


#45
1,1,2-Trichloroethane
Concen: 49.86 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 237050

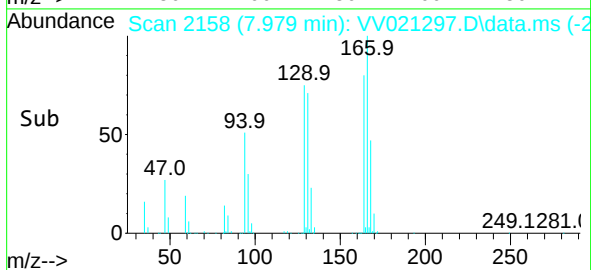
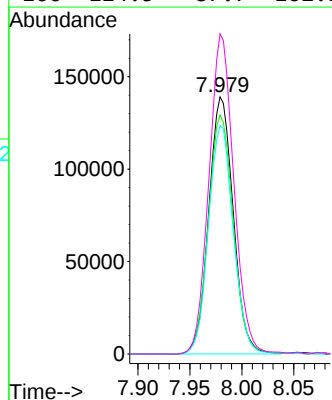
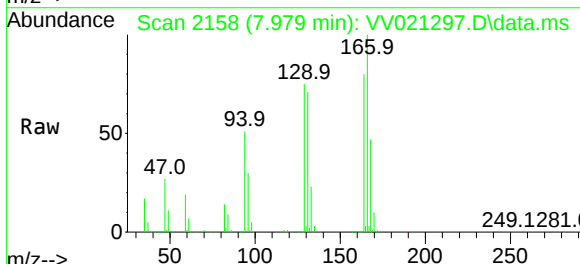
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.7	81.1
83	74.4	59.6	110.6
85	50.5	37.5	69.6

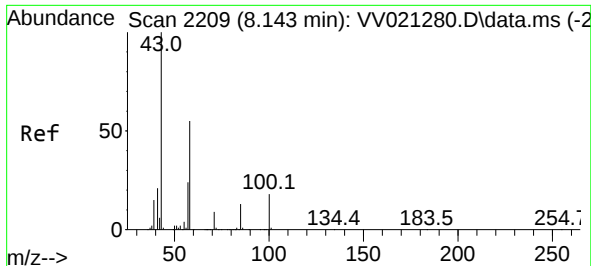


#46
Tetrachloroethene
Concen: 46.95 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 164 Resp: 227829

Ion	Ratio	Lower	Upper
164	100		
129	93.0	63.8	118.4
131	88.9	59.3	110.1
166	124.5	87.7	162.9





#48

2-Hexanone

Concen: 97.67 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion: 43 Resp: 411902

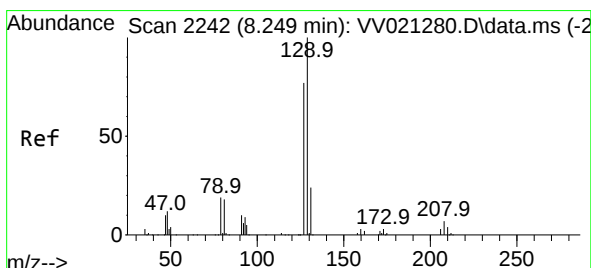
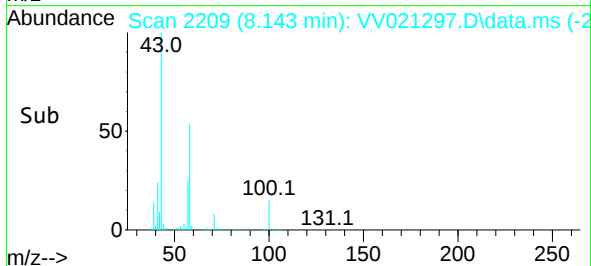
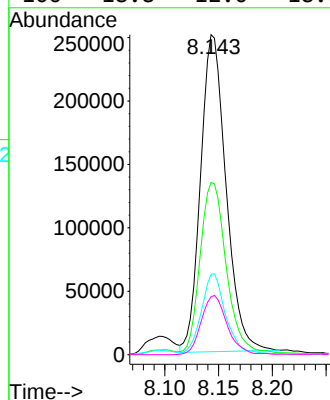
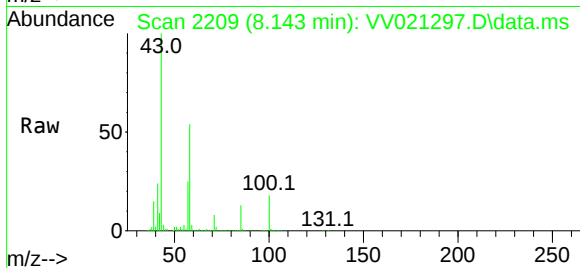
Ion Ratio Lower Upper

43 100

58 55.2 46.8 70.2

57 24.4 17.6 26.4

100 18.8 12.0 18.0#



#49

Dibromochloromethane

Concen: 47.33 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV021297.D

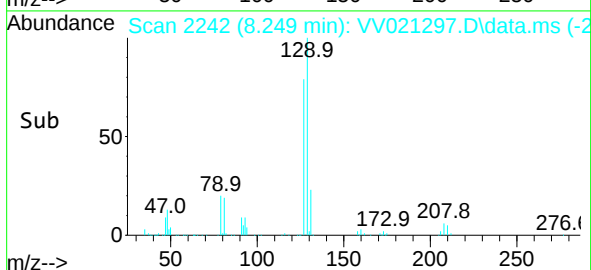
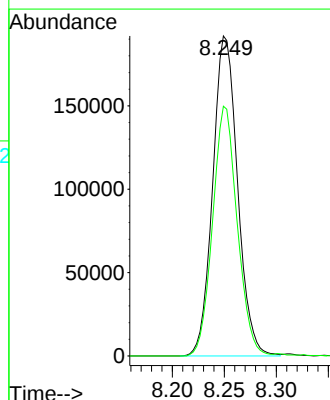
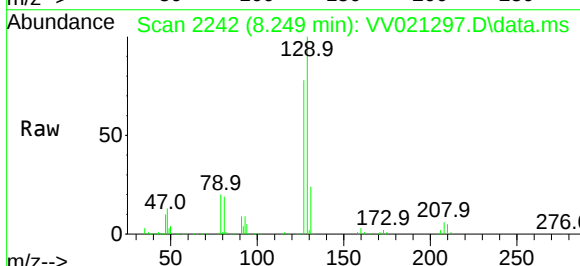
Acq: 05 May 2021 16:52

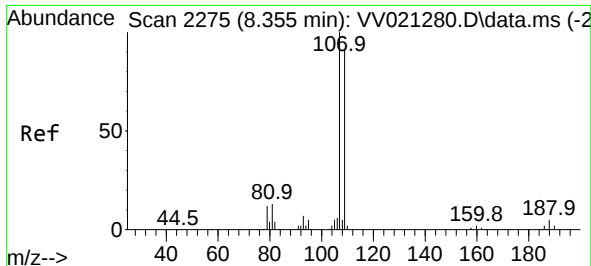
Tgt Ion: 129 Resp: 319231

Ion Ratio Lower Upper

129 100

127 78.1 55.2 102.6





#50

1,2-Dibromoethane

Concen: 48.68 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

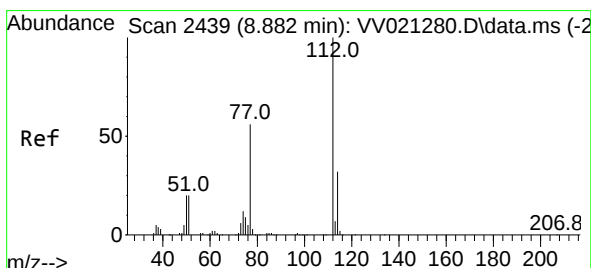
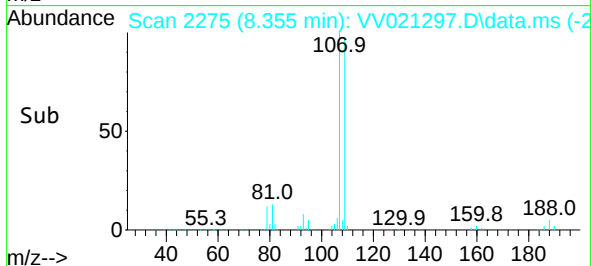
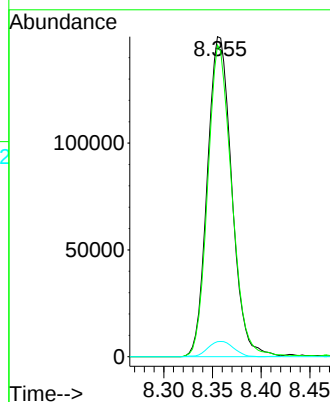
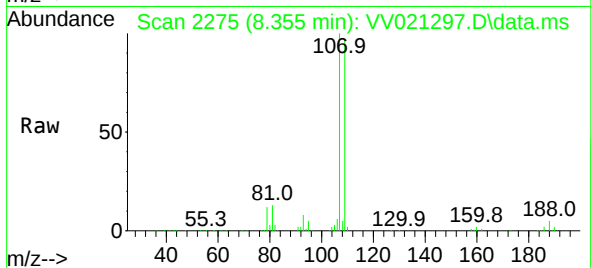
Lab File: VV021297.D

Acq: 05 May 2021 16:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 260712

Ion	Ratio	Lower	Upper
107	100		
109	97.4	63.8	118.6
188	4.7	3.4	5.0



#51

Chlorobenzene

Concen: 47.78 ug/L

RT: 8.886 min Scan# 2440

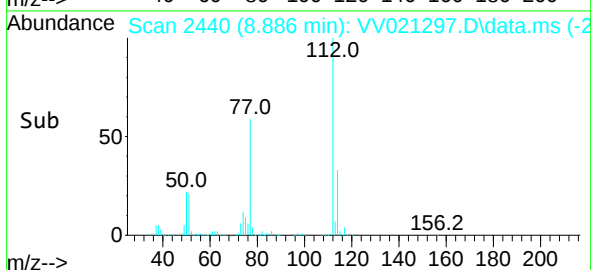
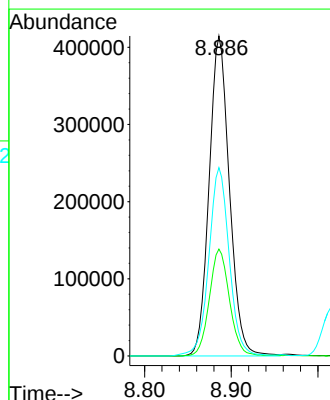
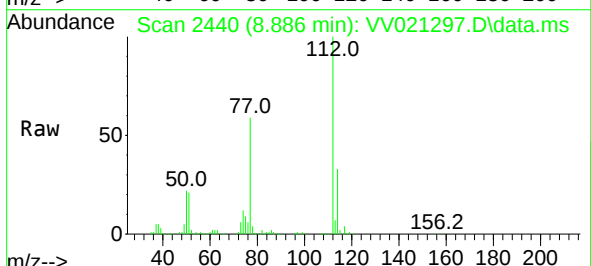
Delta R.T. 0.003 min

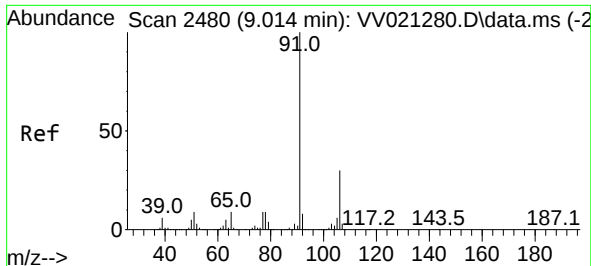
Lab File: VV021297.D

Acq: 05 May 2021 16:52

Tgt Ion:112 Resp: 675482

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.8	42.4
77	58.9	44.2	66.2

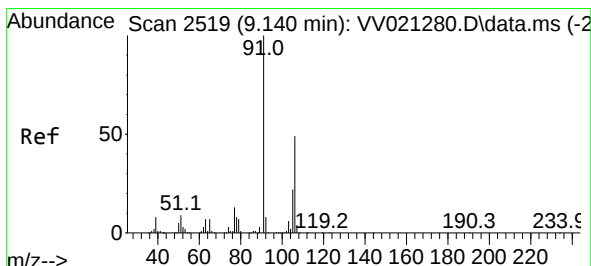
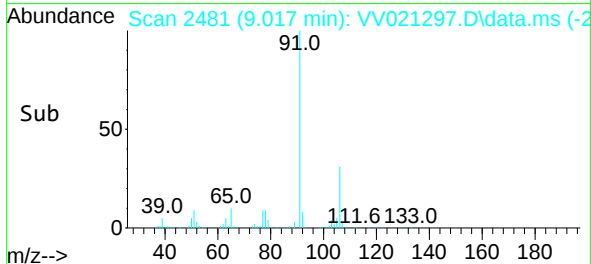
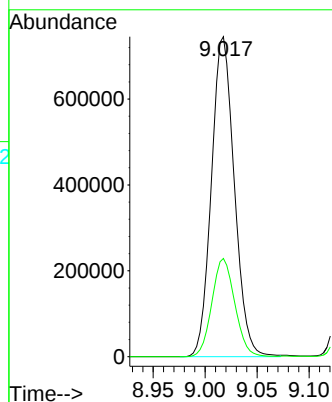
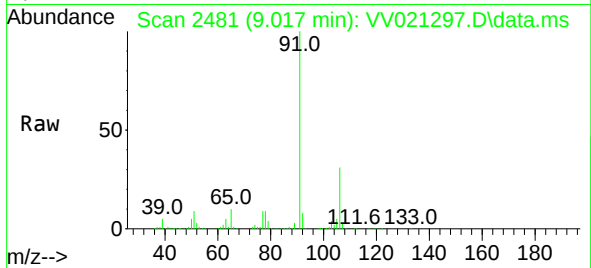




#52
Ethylbenzene
Concen: 48.41 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

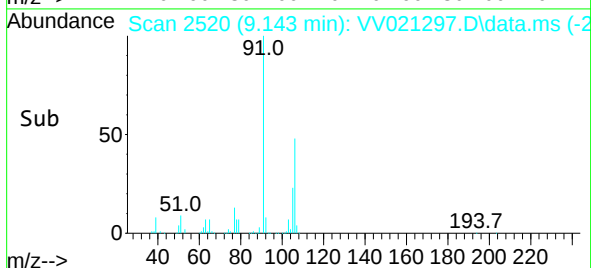
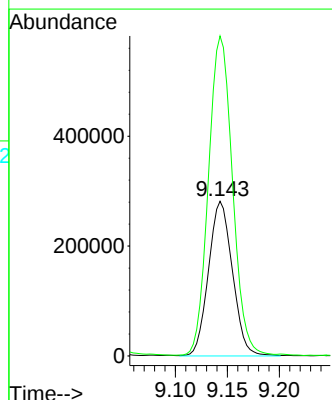
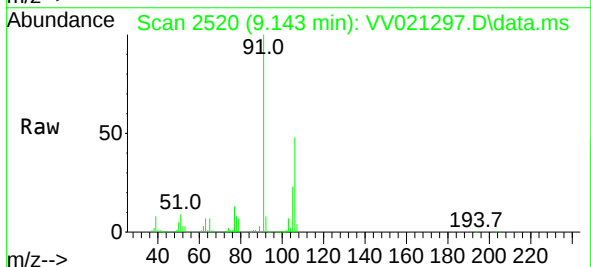
Instrument :
MSVOA_V
ClientSampled :

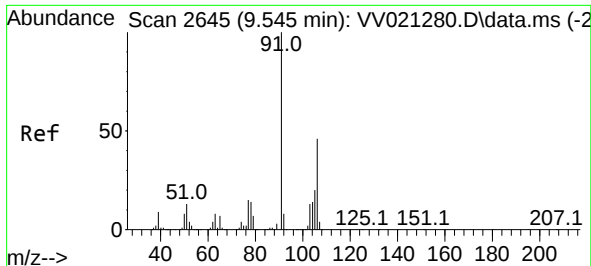
Tgt Ion: 91 Resp: 1143785
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4



#53
m,p-Xylene
Concen: 48.60 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 106 Resp: 450869
Ion Ratio Lower Upper
106 100
91 206.8 144.3 267.9

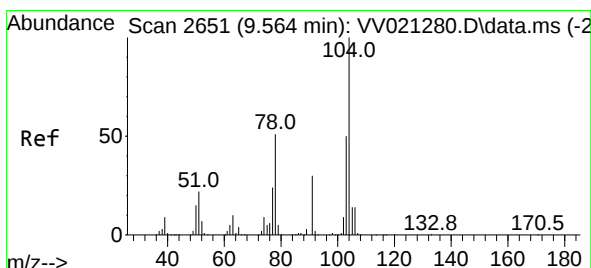
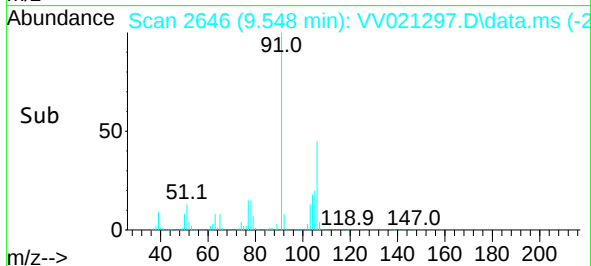
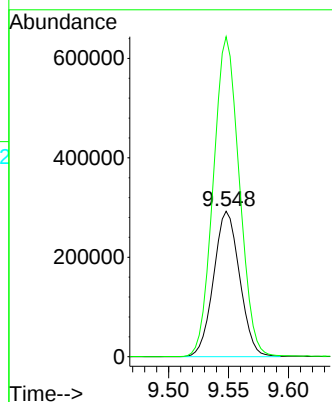
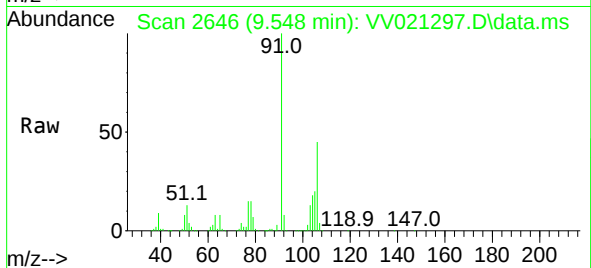




#54
o-Xylene
Concen: 49.36 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

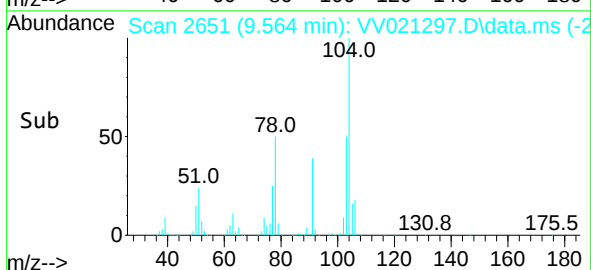
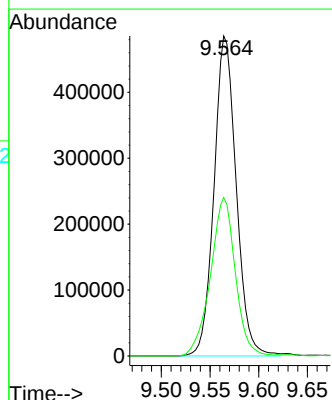
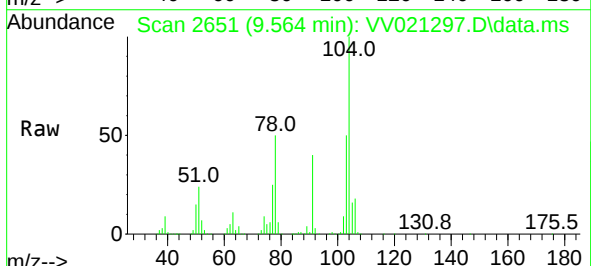
Instrument :
MSVOA_V
ClientSampled :

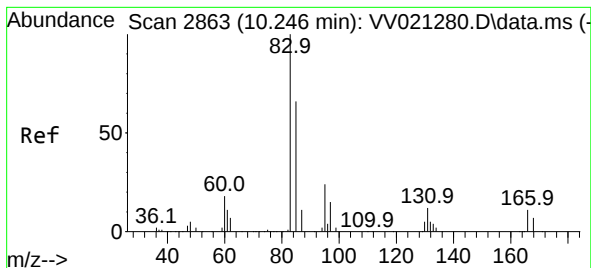
Tgt Ion:106 Resp: 441366
Ion Ratio Lower Upper
106 100
91 220.0 150.4 279.4



#55
Styrene
Concen: 50.53 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion:104 Resp: 769301
Ion Ratio Lower Upper
104 100
78 49.5 32.4 60.2

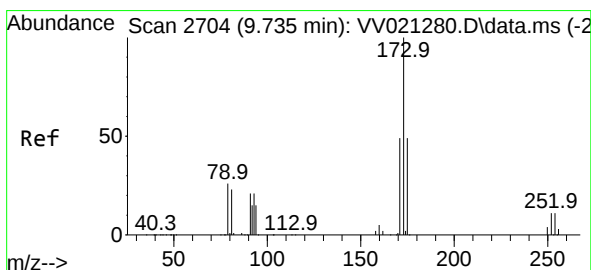
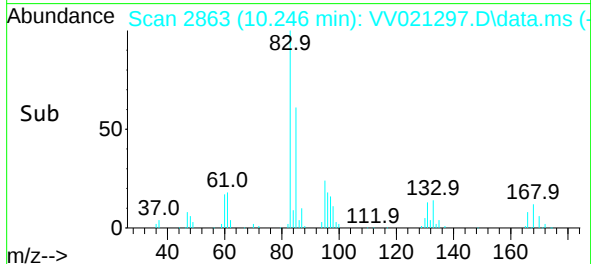
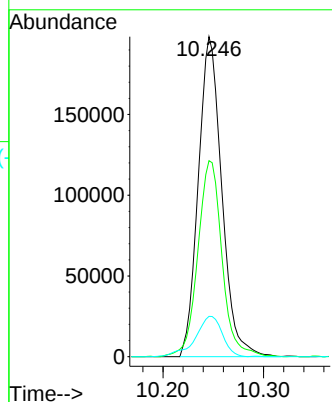
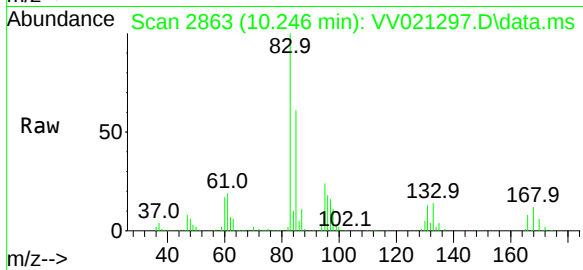




#57
1,1,2,2-Tetrachloroethane
Concen: 50.05 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

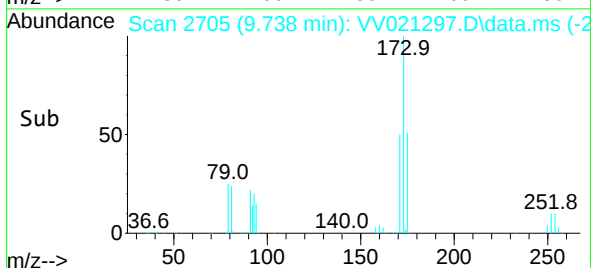
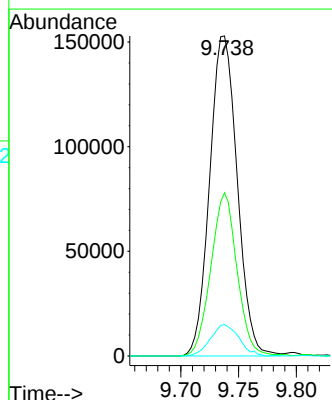
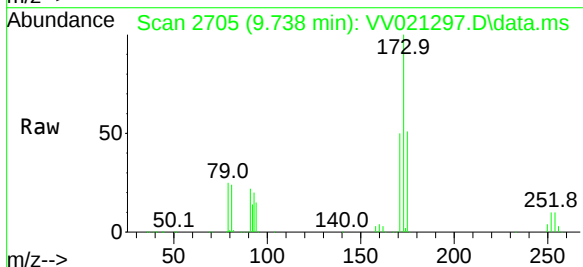
Instrument :
MSVOA_V
ClientSampled :

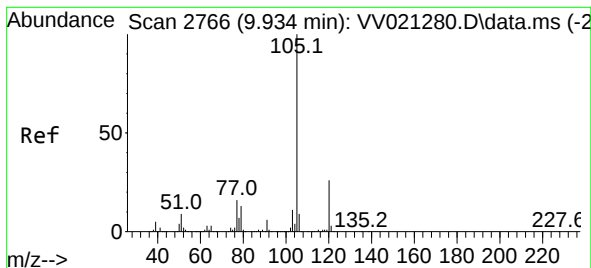
Tgt Ion: 83 Resp: 321633
Ion Ratio Lower Upper
83 100
85 61.2 45.8 85.0
131 12.6 8.8 13.2



#59
Bromoform
Concen: 46.69 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 173 Resp: 254041
Ion Ratio Lower Upper
173 100
175 48.2 38.9 58.3
254 10.1 8.3 12.5





#60

Isopropylbenzene

Concen: 47.62 ug/L

RT: 9.937 min Scan# 2767

Delta R.T. 0.003 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

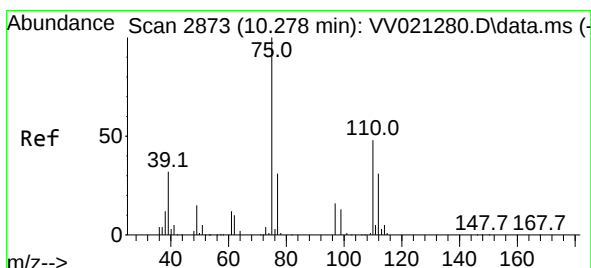
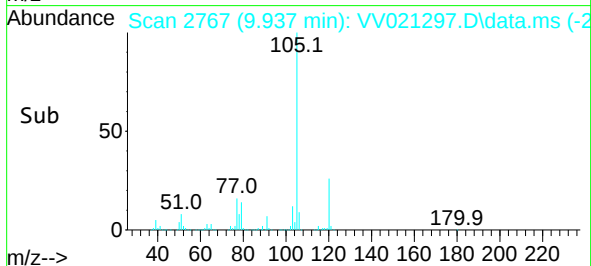
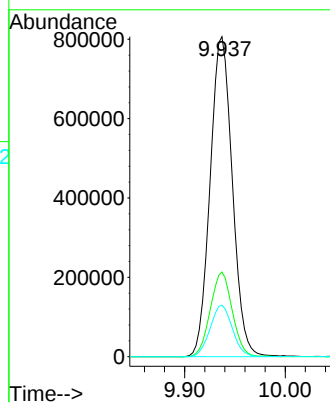
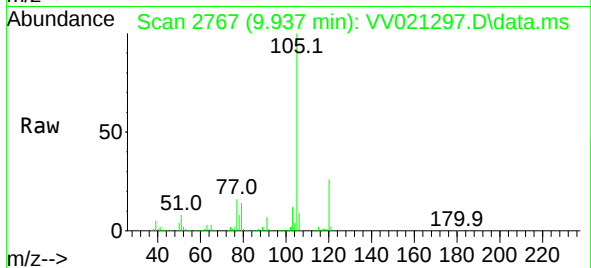
Tgt Ion:105 Resp: 1236767

Ion Ratio Lower Upper

105 100

120 26.1 21.8 32.6

77 16.1 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 47.03 ug/L

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

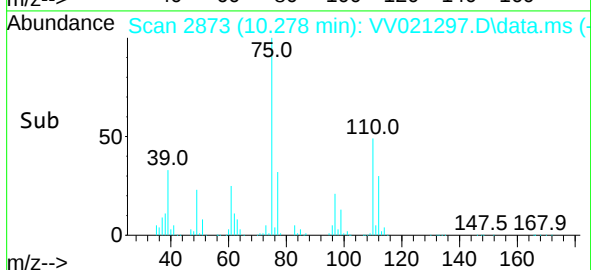
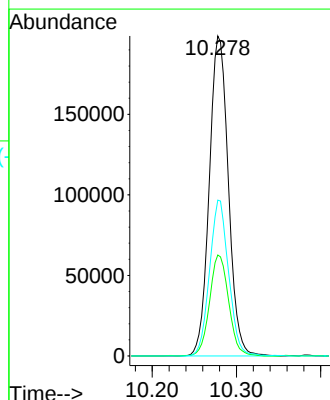
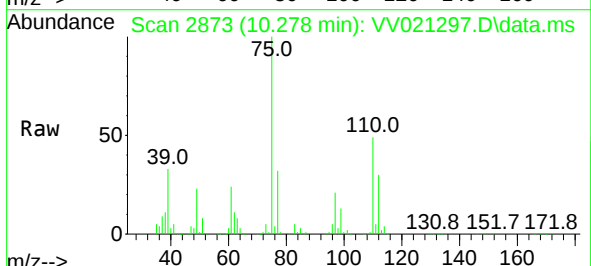
Tgt Ion: 75 Resp: 312547

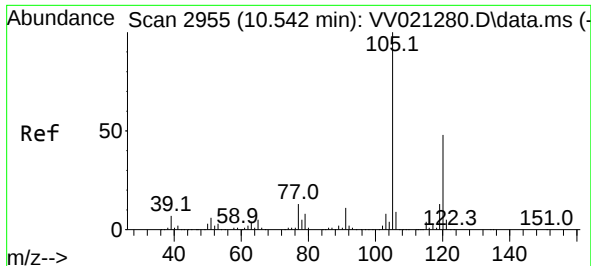
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

110 48.5 34.9 52.3

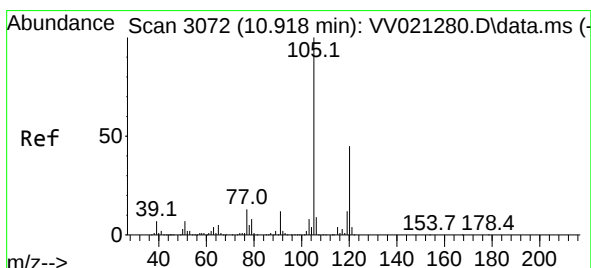
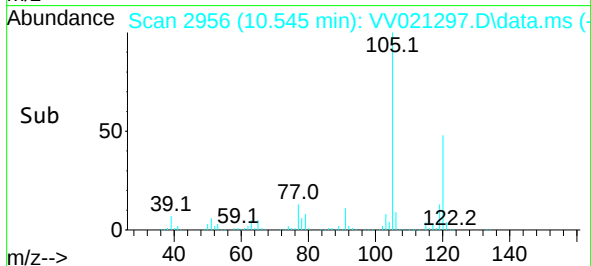
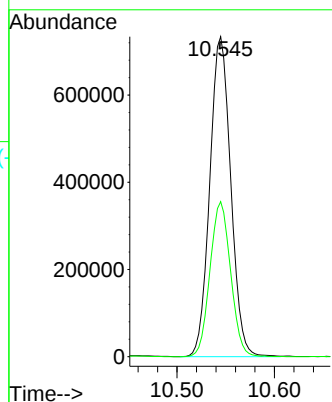
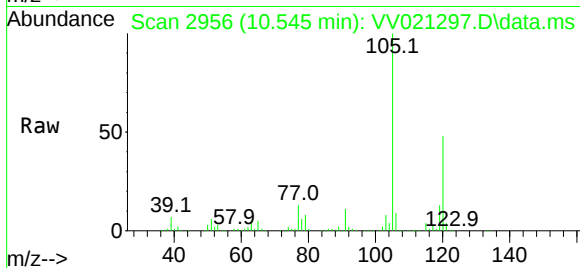




#62
1,3,5-Trimethylbenzene
Concen: 48.27 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

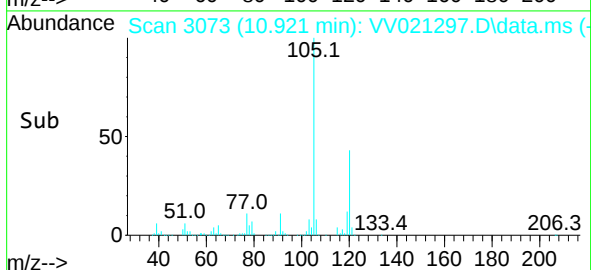
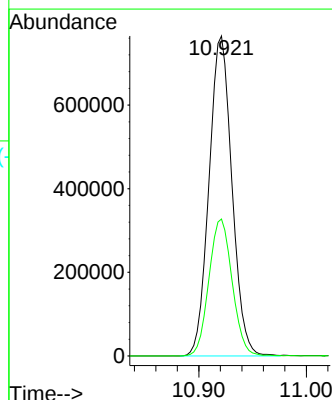
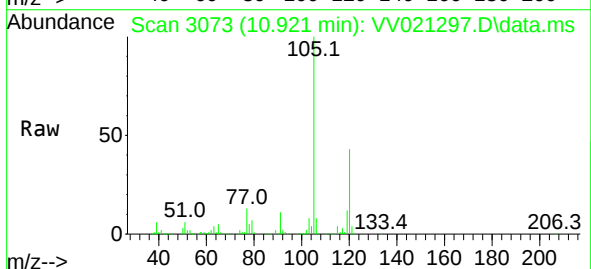
Instrument :
MSVOA_V
ClientSampled :

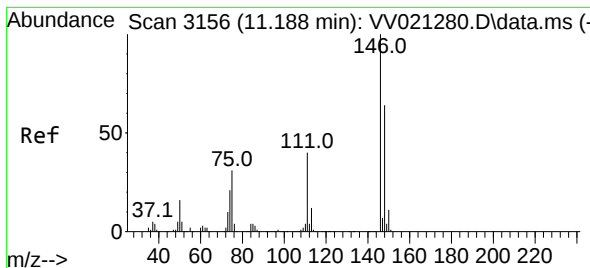
Tgt Ion:105 Resp: 1097972
Ion Ratio Lower Upper
105 100
120 47.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 49.56 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion:105 Resp: 1131325
Ion Ratio Lower Upper
105 100
120 43.3 37.7 56.5





#64

1,3-Dichlorobenzene

Concen: 47.52 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.000 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

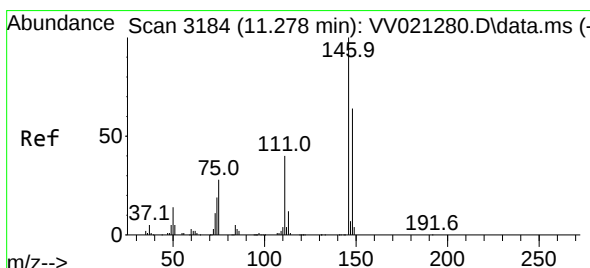
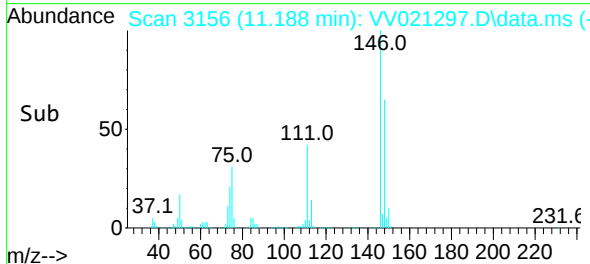
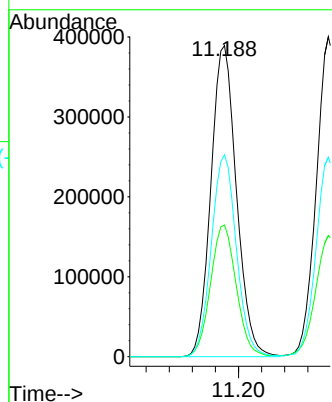
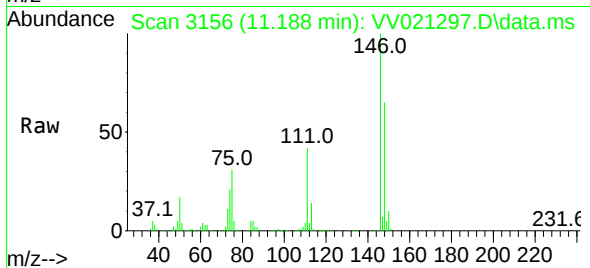
Tgt Ion:146 Resp: 599243

Ion Ratio Lower Upper

146 100

111 42.3 27.6 51.2

148 64.9 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 46.60 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. 0.000 min

Lab File: VV021297.D

Acq: 05 May 2021 16:52

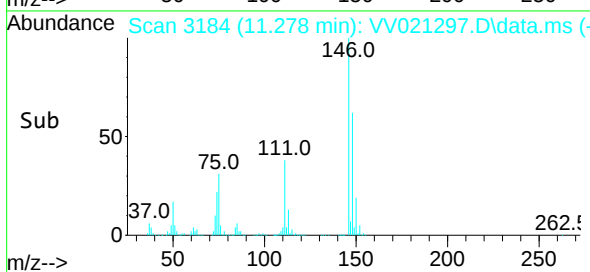
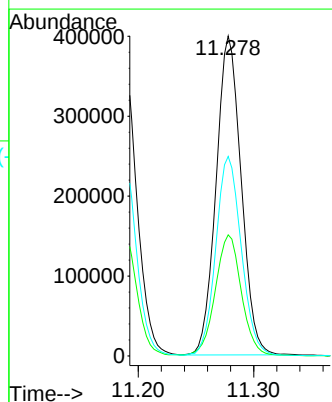
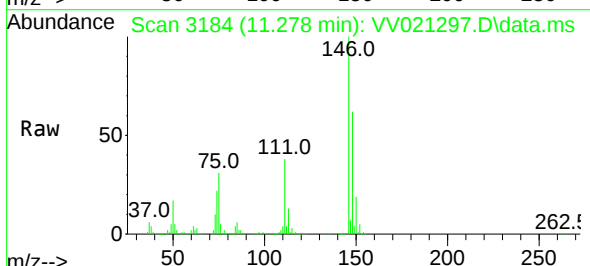
Tgt Ion:146 Resp: 601748

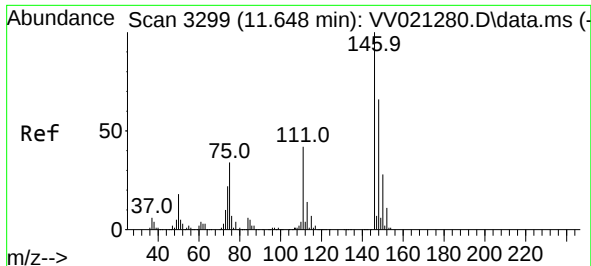
Ion Ratio Lower Upper

146 100

111 37.8 26.3 48.9

148 62.4 44.7 82.9

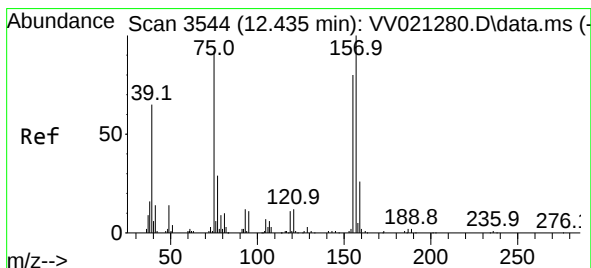
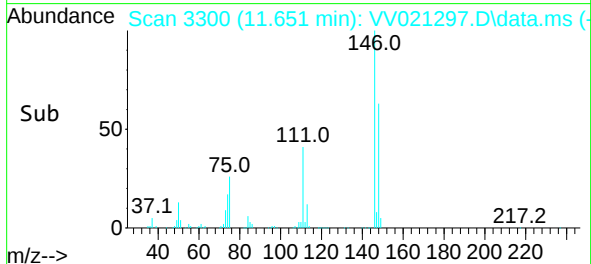
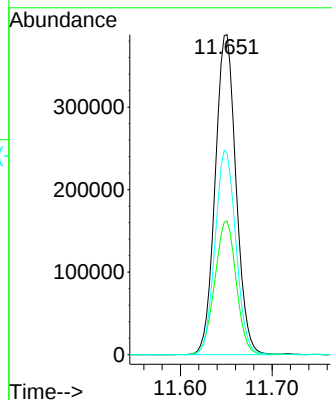
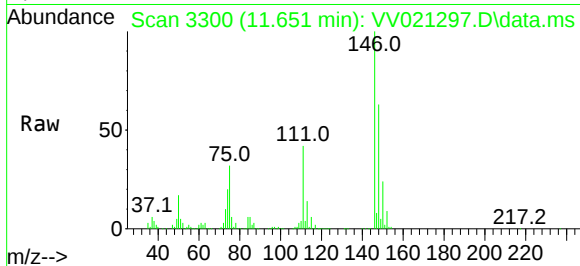




#67
1,2-Dichlorobenzene
Concen: 48.15 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

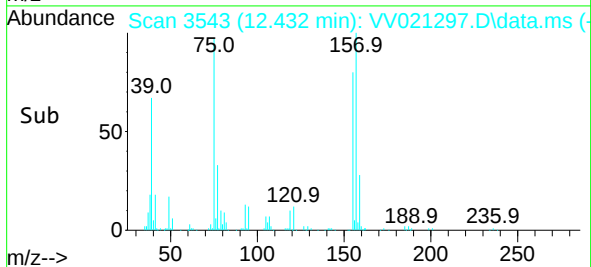
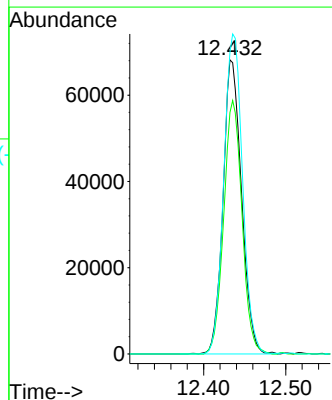
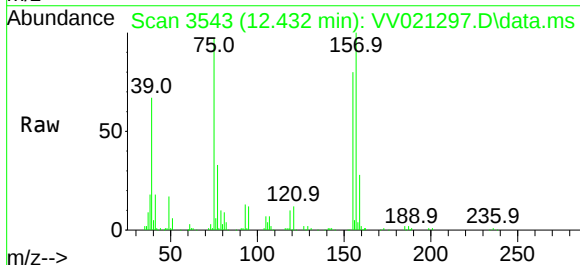
Instrument :
MSVOA_V
ClientSampled :

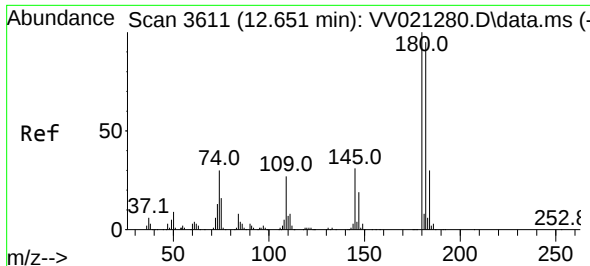
Tgt Ion:146 Resp: 613294
Ion Ratio Lower Upper
146 100
111 41.8 33.2 49.8
148 62.9 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 46.37 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.003 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion: 75 Resp: 107174
Ion Ratio Lower Upper
75 100
155 82.1 72.8 109.2
157 102.6 94.6 142.0

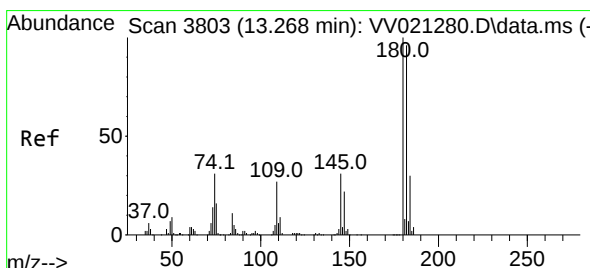
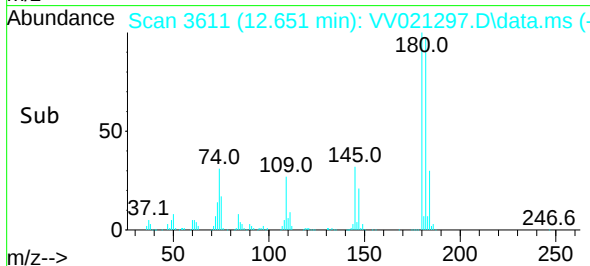
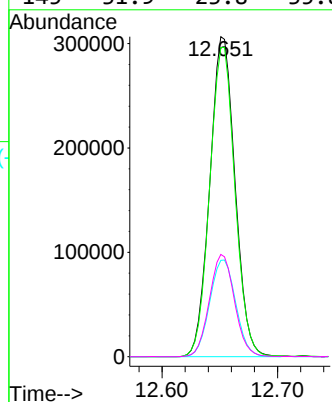
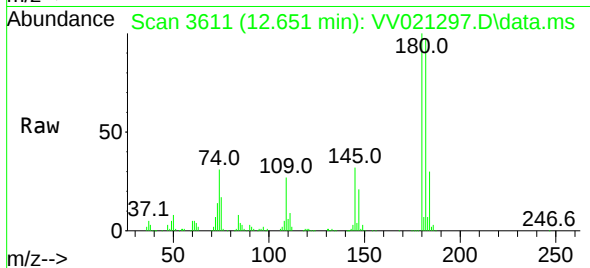




#69
1,3,5-Trichlorobenzene
Concen: 47.57 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

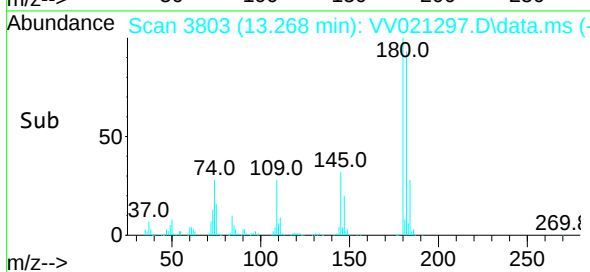
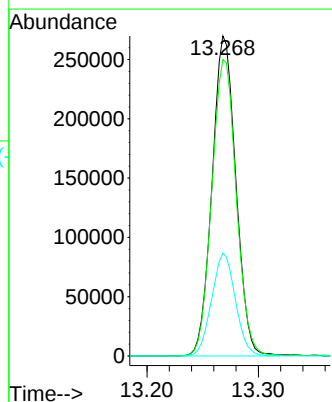
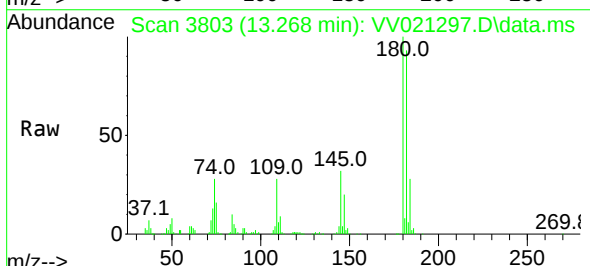
Instrument :
MSVOA_V
ClientSampleId :

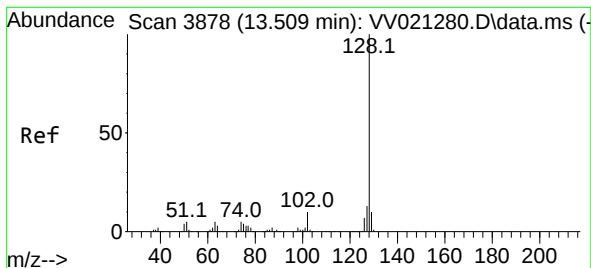
Tgt Ion:180 Resp: 464588
Ion Ratio Lower Upper
180 100
182 96.9 77.4 116.0
184 31.2 24.1 36.1
145 31.9 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 50.31 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion:180 Resp: 400027
Ion Ratio Lower Upper
180 100
182 95.4 77.5 116.3
145 32.0 24.3 36.5

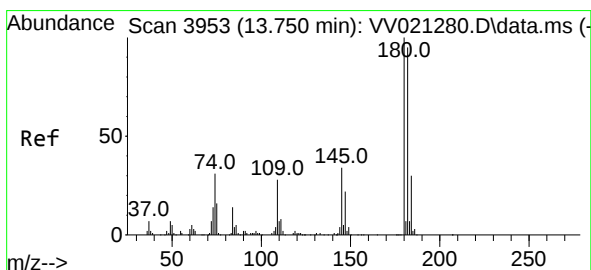
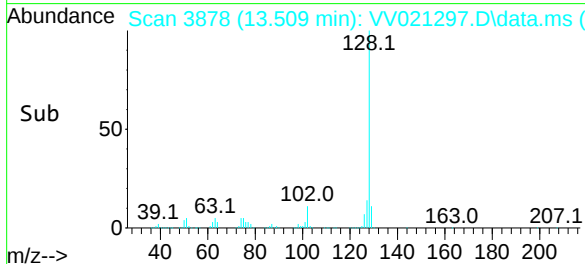
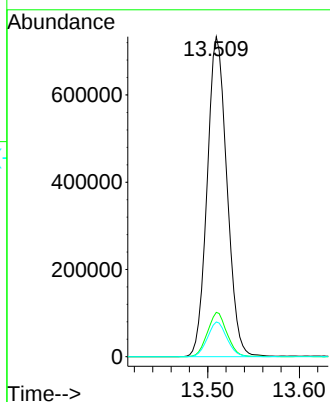
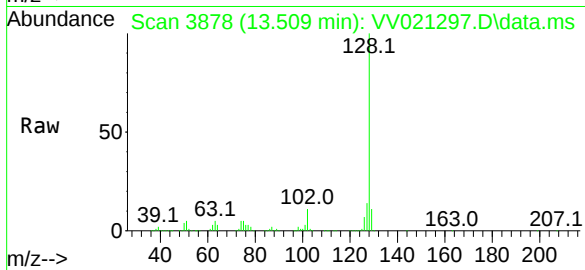




#71
Naphthalene
Concen: 50.28 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 1097992
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.48 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021297.D
Acq: 05 May 2021 16:52

Tgt Ion:180 Resp: 398126
Ion Ratio Lower Upper
180 100
182 97.1 75.9 113.9
145 36.1 25.0 37.6

