

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042921\
 Data File : VW021218.D
 Acq On : 29 Apr 2021 14:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 05:50:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 29 04:12:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	595823	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	590638	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	352960	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	164822	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.34%
7) Chloroethane-d5	1.568	69	127744	35.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.94%
11) 1,1-Dichloroethene-d2	2.108	63	362983	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.40%
21) 2-Butanone-d5	3.892	46	221977	92.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.85%
24) Chloroform-d	4.349	84	390667	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.034	65	292736	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
32) Benzene-d6	5.050	84	685241	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
36) 1,2-Dichloropropane-d6	6.069	67	183331	39.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.10%
41) Toluene-d8	7.317	98	695218	45.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.34%
43) trans-1,3-Dichloroprop...	7.622	79	118714	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.092	63	166686	89.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.51%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	290431	41.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.02%
66) 1,2-Dichlorobenzene-d4	11.632	152	332774	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	277846	46.19	ug/L	100
3) Chloromethane	1.243	50	193845	37.44	ug/L	99
5) Vinyl chloride	1.311	62	207862	39.22	ug/L	99
6) Bromomethane	1.523	94	149071	41.74	ug/L	100
8) Chloroethane	1.587	64	123449	39.48	ug/L	97
9) Trichlorofluoromethane	1.754	101	443898	47.00	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	197948	42.25	ug/L	92
12) 1,1-Dichloroethene	2.118	96	179268	42.15	ug/L	92
13) Acetone	2.192	43	285455	127.83	ug/L	80
14) Carbon disulfide	2.294	76	519406	44.52	ug/L	98
15) Methyl Acetate	2.436	43	175950	47.64	ug/L	98
16) Methylene chloride	2.507	84	198905	44.84	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	196744	48.14	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	641589	51.14	ug/L #	92
19) 1,1-Dichloroethane	3.188	63	335540	45.50	ug/L	99
22) 2-Butanone	3.976	43	274162	106.00	ug/L	99
23) Bromochloromethane	4.246	128	122677	48.81	ug/L	94
25) Chloroform	4.375	83	396925	47.82	ug/L	99
27) 1,2-Dichloroethane	5.130	62	357036	54.02	ug/L	100

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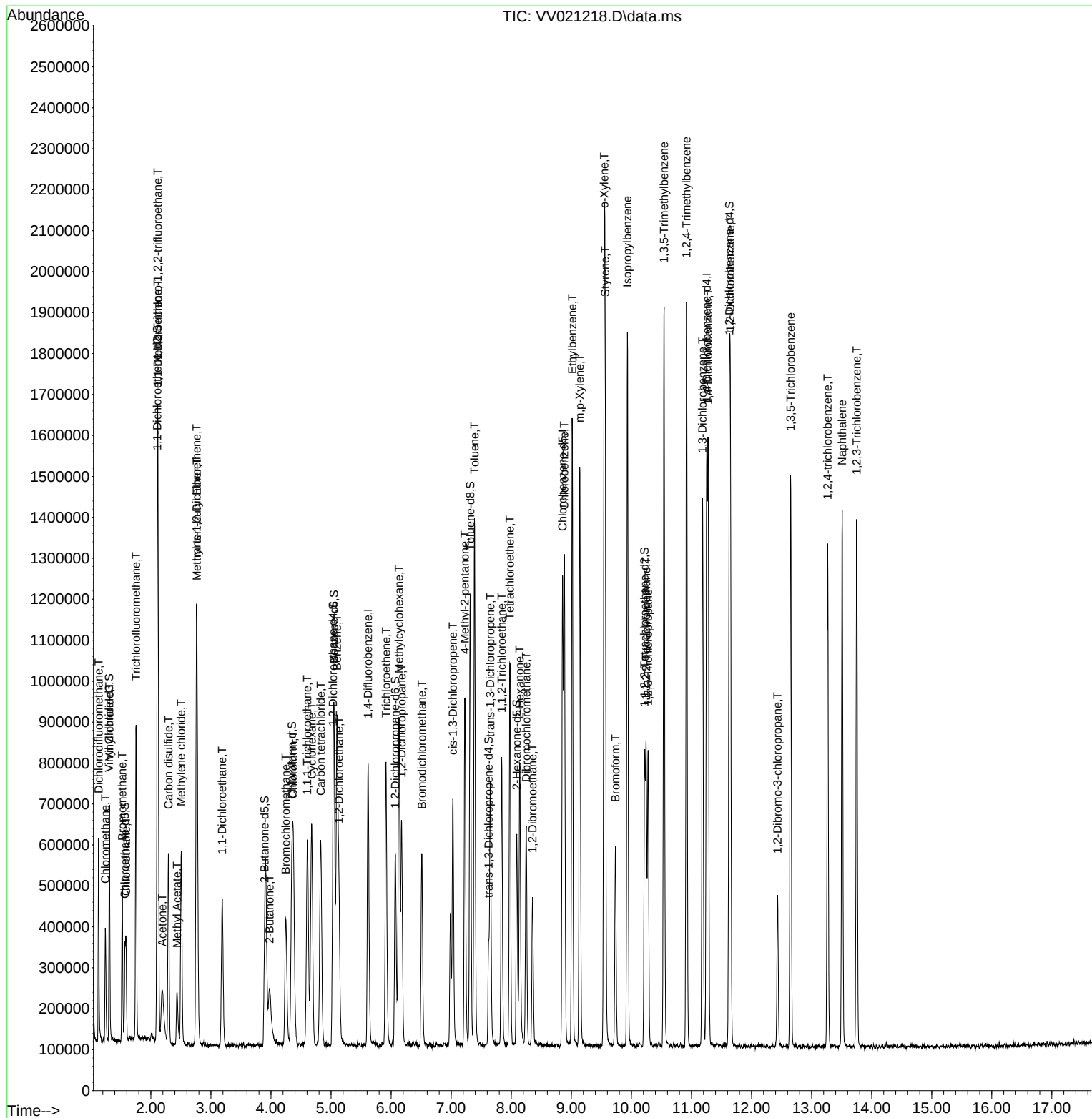
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	271195	45.12	ug/L	95
30) 1,1,1-Trichloroethane	4.606	97	410736	51.91	ug/L	99
31) Carbon tetrachloride	4.828	117	386335	52.87	ug/L	98
33) Benzene	5.098	78	766173	46.53	ug/L	100
34) Trichloroethene	5.915	95	223937	49.14	ug/L	97
35) Methylcyclohexane	6.130	83	329625	48.13	ug/L	97
37) 1,2-Dichloropropane	6.175	63	174845	43.23	ug/L	98
38) Bromodichloromethane	6.513	83	306590	48.65	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	312247	47.34	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	495576	101.37	ug/L	96
42) Toluene	7.387	91	885646	49.00	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	331380	48.55	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	204447	46.54	ug/L	96
46) Tetrachloroethene	7.979	164	207035	50.80	ug/L	95
48) 2-Hexanone	8.140	43	407612	105.88	ug/L	96
49) Dibromochloromethane	8.249	129	268986	49.72	ug/L	99
50) 1,2-Dibromoethane	8.355	107	223929	47.16	ug/L	98
51) Chlorobenzene	8.883	112	596856	48.01	ug/L	99
52) Ethylbenzene	9.014	91	1009285	50.36	ug/L	98
53) m,p-Xylene	9.140	106	392741	51.42	ug/L	96
54) o-Xylene	9.548	106	389670	51.94	ug/L	99
55) Styrene	9.564	104	662067	52.24	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	292821	41.94	ug/L	99
59) Bromoform	9.735	173	215870	49.89	ug/L	98
60) Isopropylbenzene	9.934	105	1039833	49.28	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	264467	44.44	ug/L	97
62) 1,3,5-Trimethylbenzene	10.545	105	923670	51.55	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	941709	52.70	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	541417	51.51	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	548388	50.78	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	541335	49.89	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	88432	49.58	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	439340	53.74	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	370775	55.34	ug/L	98
71) Naphthalene	13.509	128	997127	53.43	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	384093	56.18	ug/L	99

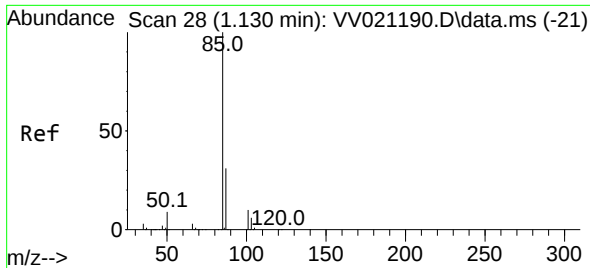
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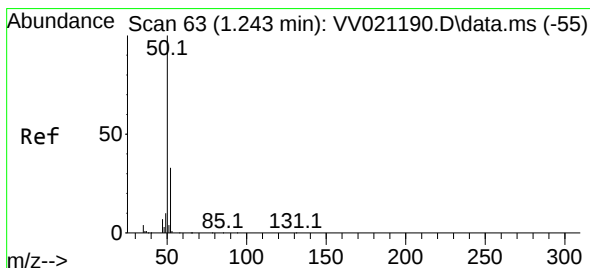
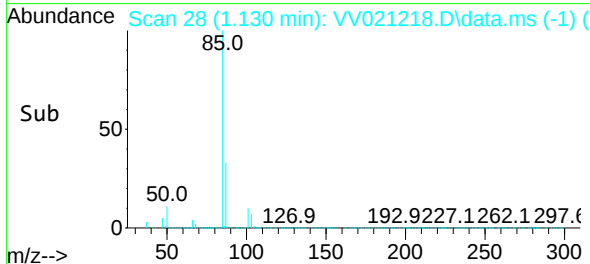
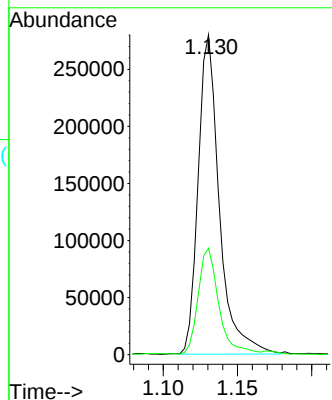
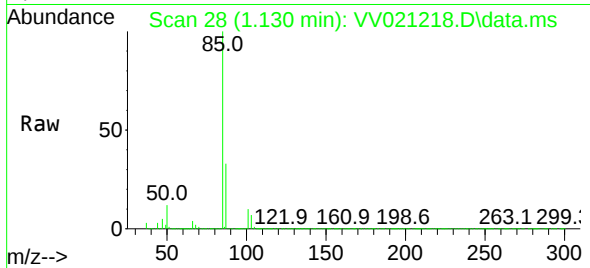




#2
Dichlorodifluoromethane
Concen: 46.19 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

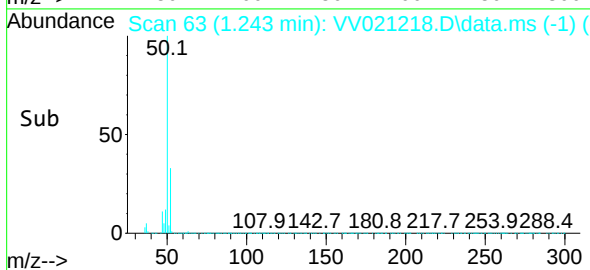
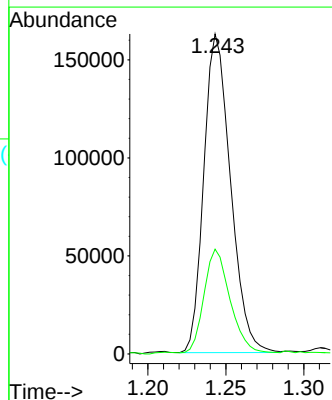
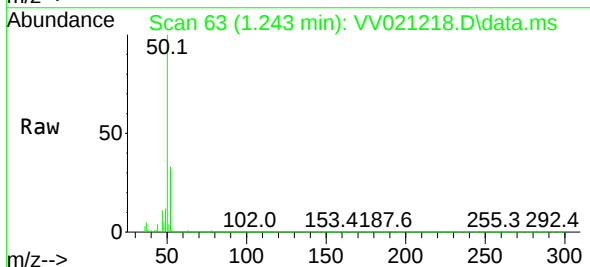
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MSVOA_V
ClientSampled :

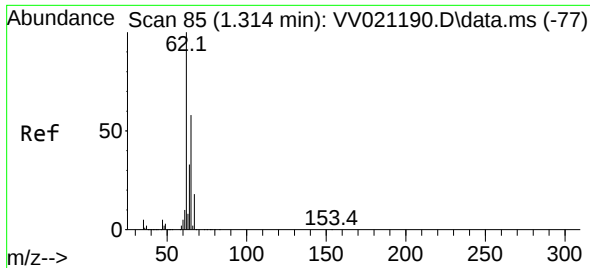
Tgt Ion: 85 Resp: 277846
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 37.44 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 50 Resp: 193845
Ion Ratio Lower Upper
50 100
52 32.7 22.7 42.1

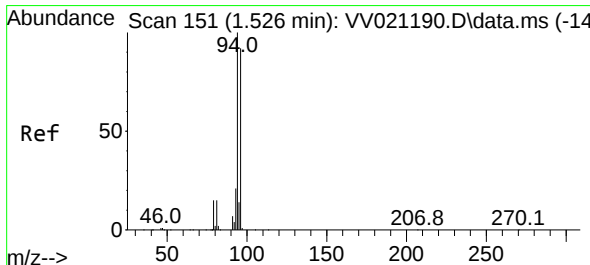
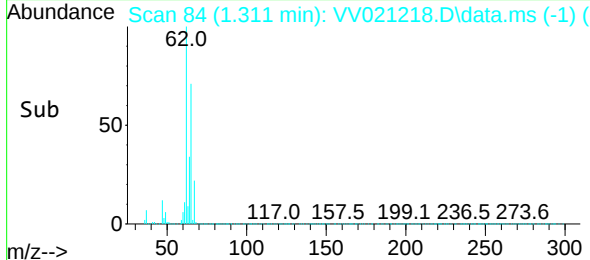
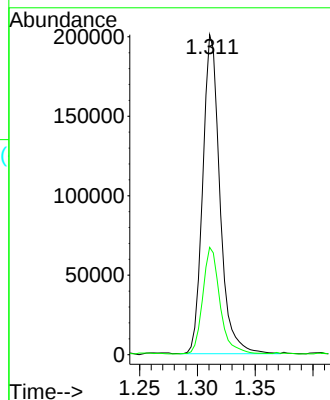
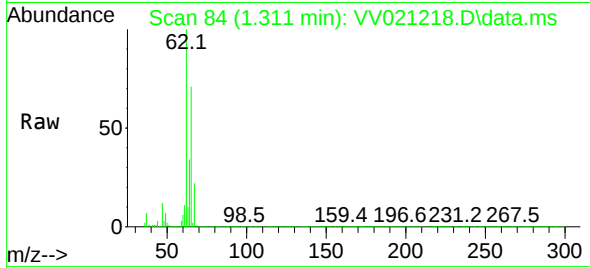




#5
 Vinyl chloride
 Concen: 39.22 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021218.D
 Acq: 29 Apr 2021 14:10

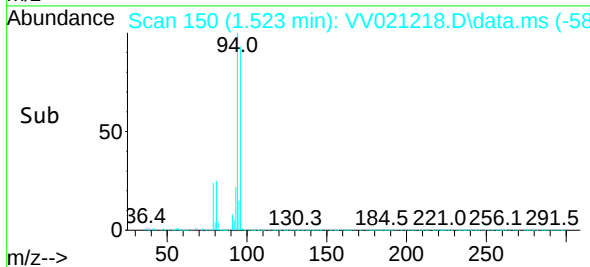
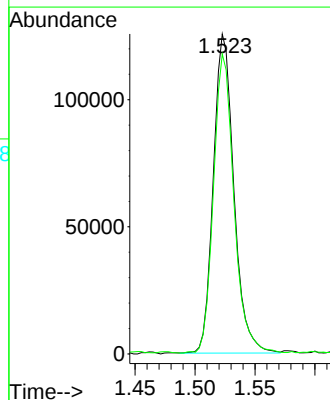
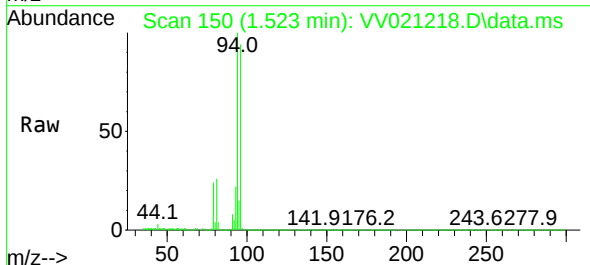
Instrument :
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 ClientSampled :

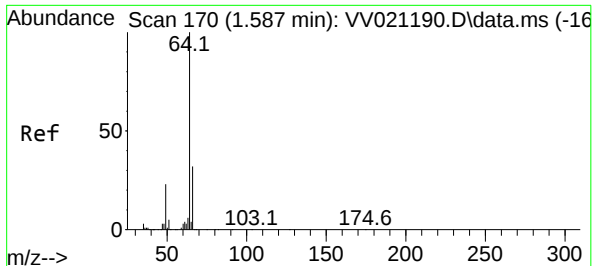
Tgt Ion: 62 Resp: 207862
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 41.74 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV021218.D
 Acq: 29 Apr 2021 14:10

Tgt Ion: 94 Resp: 149071
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.7 122.1

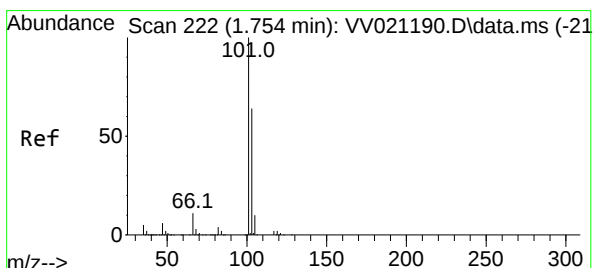
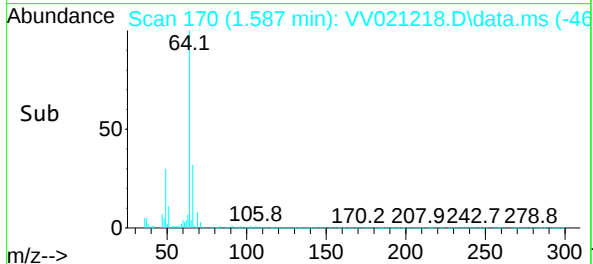
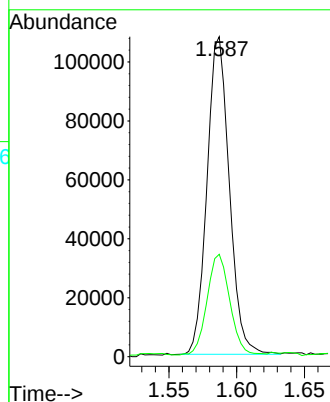
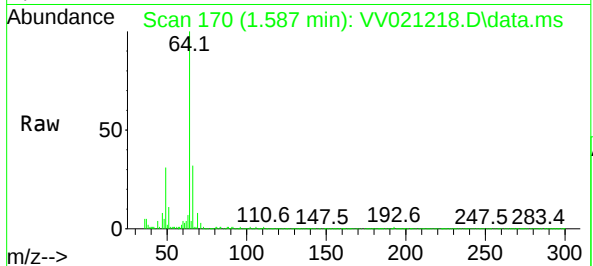




#8
Chloroethane
Concen: 39.48 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

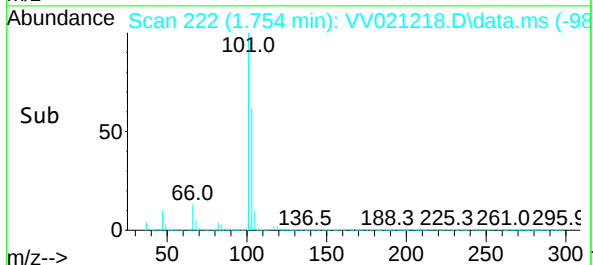
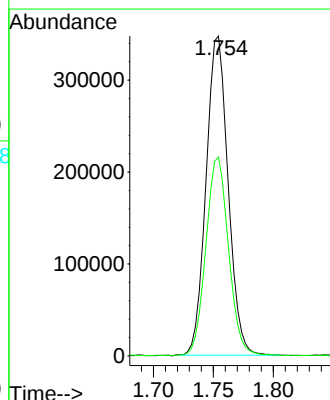
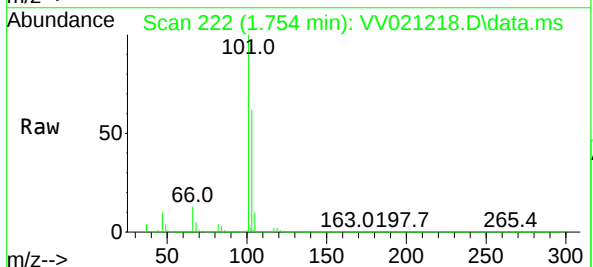
Instrument :
MSVOA_V
ClientSampled :

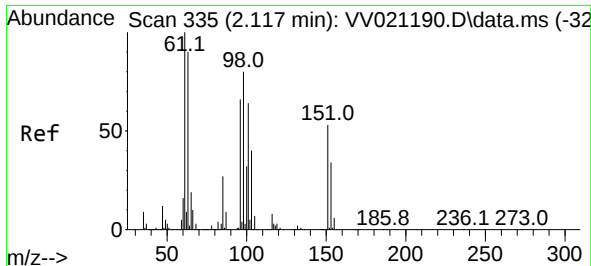
Tgt Ion: 64 Resp: 123449
Ion Ratio Lower Upper
64 100
66 32.0 23.7 43.9



#9
Trichlorofluoromethane
Concen: 47.00 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion:101 Resp: 443898
Ion Ratio Lower Upper
101 100
103 64.0 53.0 79.6





#10

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

Concen: 42.25 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

Tgt Ion:101 Resp: 197948

Ion Ratio Lower Upper

101 100

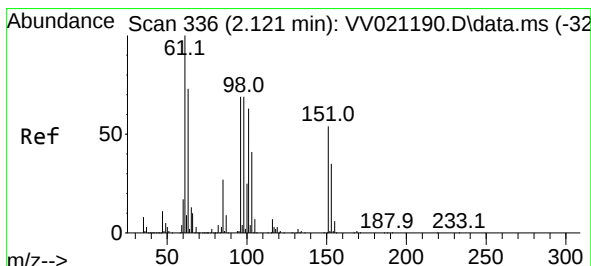
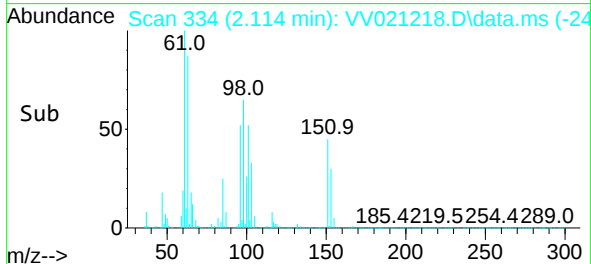
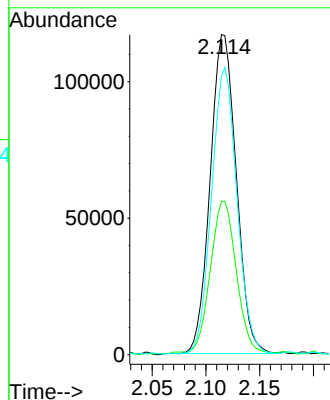
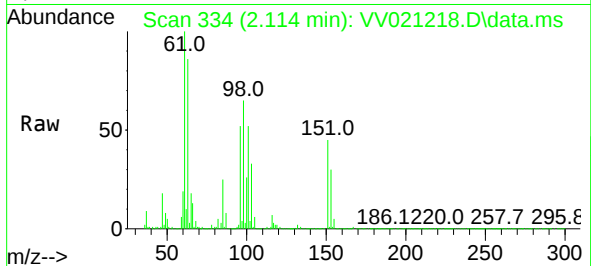
85 47.1 35.4 53.2

151 88.1 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 42.15 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

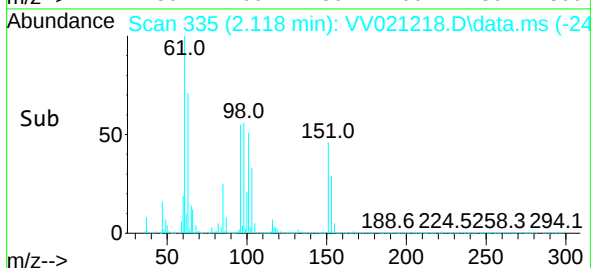
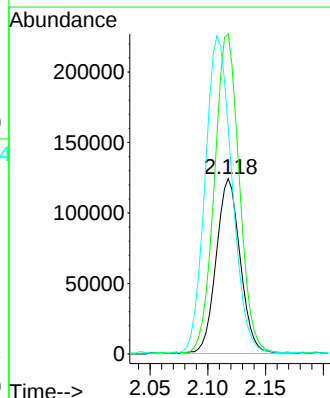
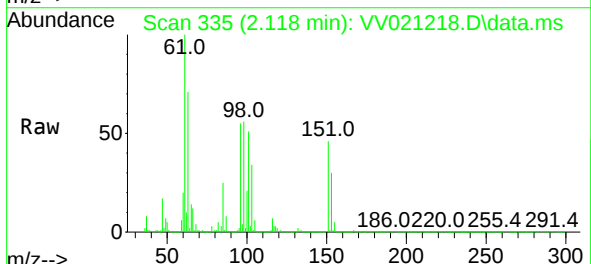
Tgt Ion: 96 Resp: 179268

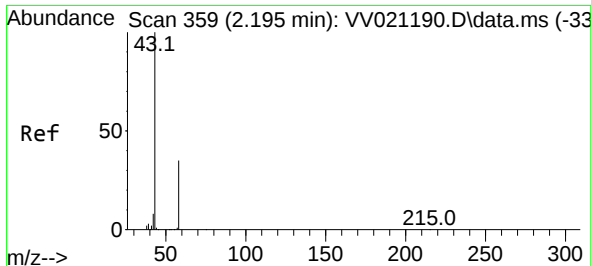
Ion Ratio Lower Upper

96 100

61 182.4 121.4 225.6

63 129.0 98.1 182.1

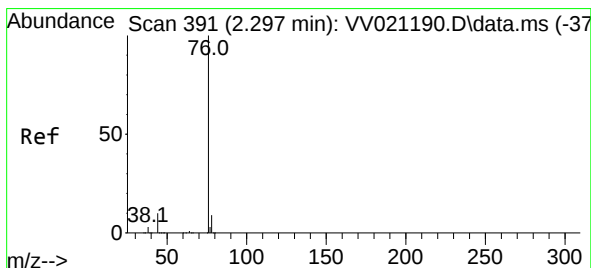
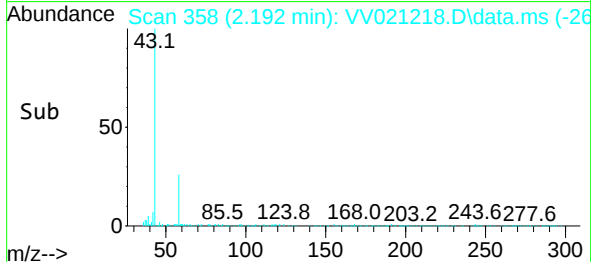
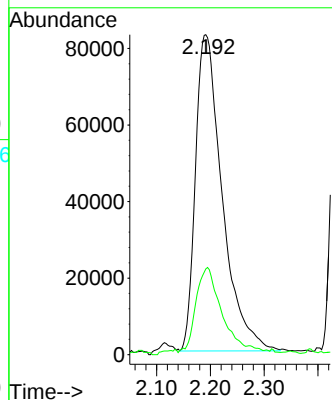
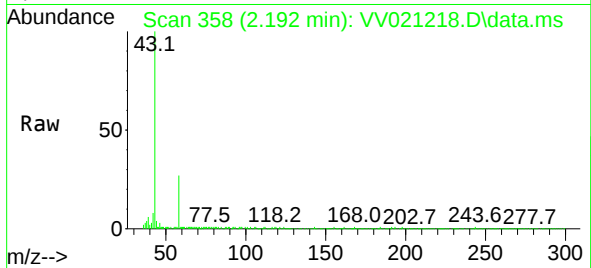




#13
Acetone
Concen: 127.83 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

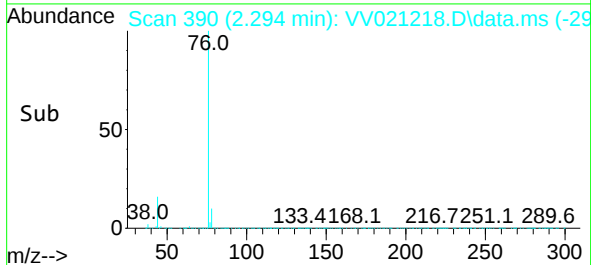
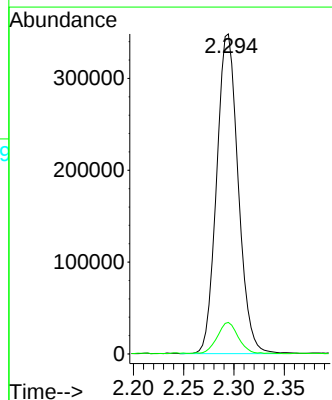
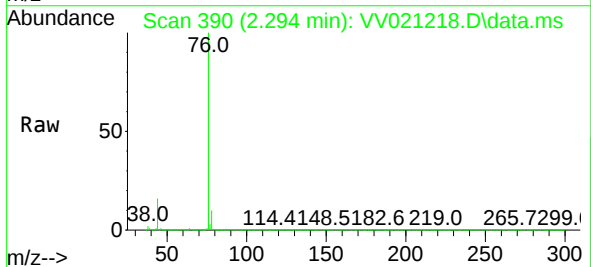
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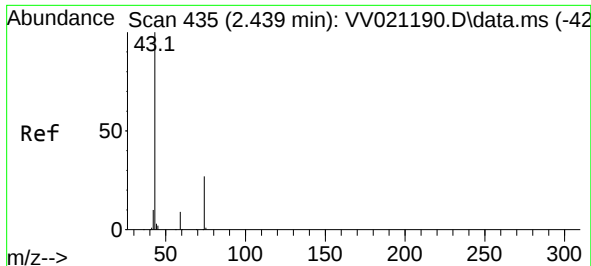
Tgt Ion: 43 Resp: 285455
Ion Ratio Lower Upper
43 100
58 23.6 0.0 30.8



#14
Carbon disulfide
Concen: 44.52 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV021218.D
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Tgt Ion: 76 Resp: 519406
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

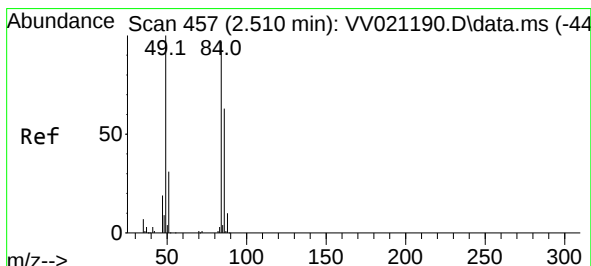
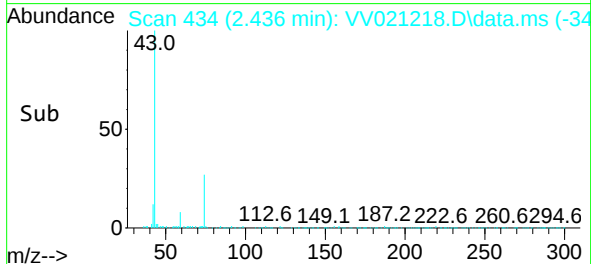
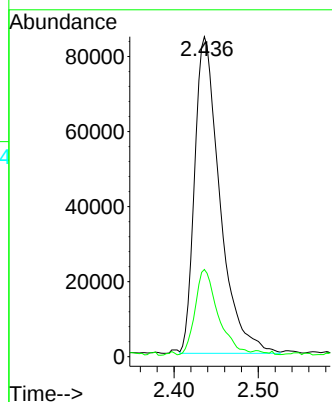
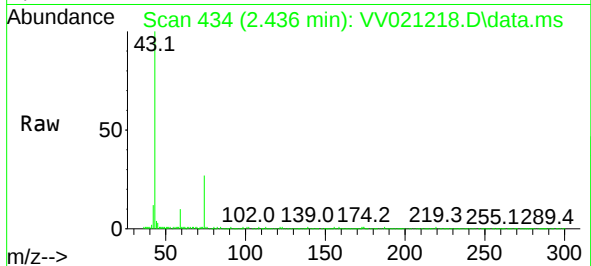




#15
Methyl Acetate
Concen: 47.64 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

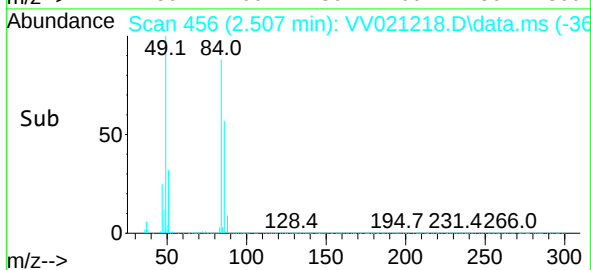
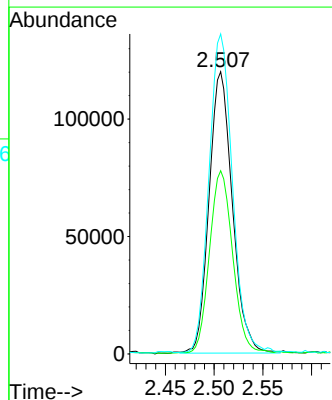
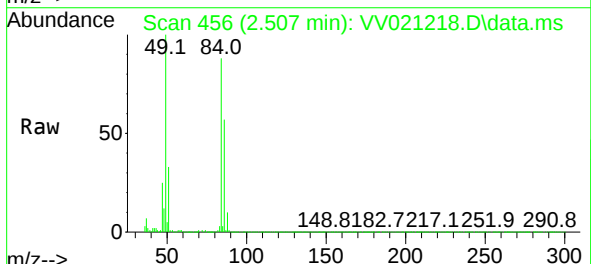
Instrument :
MSVOA_V
ClientSampled :

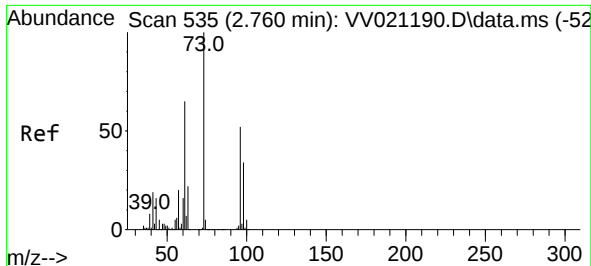
Tgt Ion: 43 Resp: 175950
Ion Ratio Lower Upper
43 100
74 25.3 21.2 31.8



#16
Methylene chloride
Concen: 44.84 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 84 Resp: 198905
Ion Ratio Lower Upper
84 100
86 64.9 44.9 83.5
49 113.4 78.1 145.1

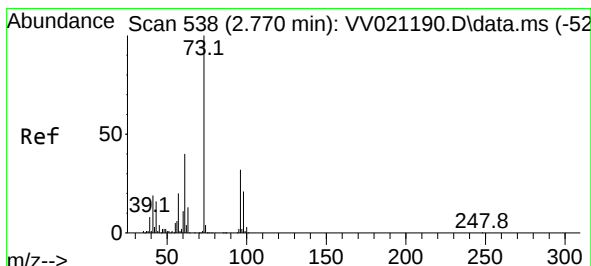
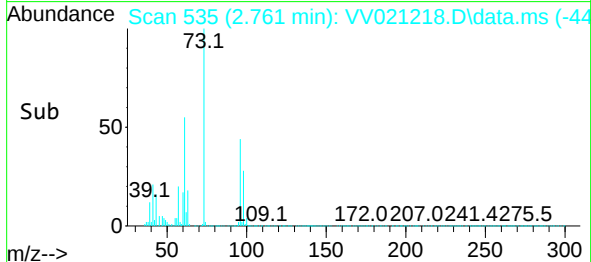
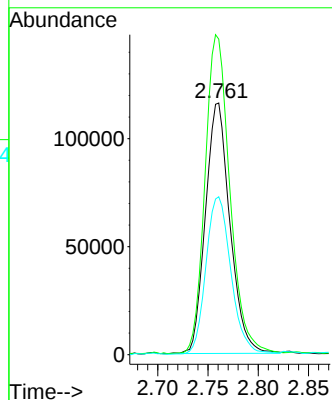
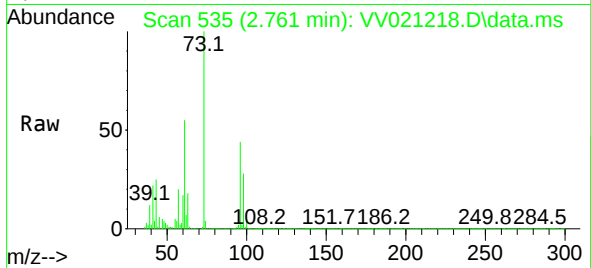




#17
trans-1,2-Dichloroethene
Concen: 48.14 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

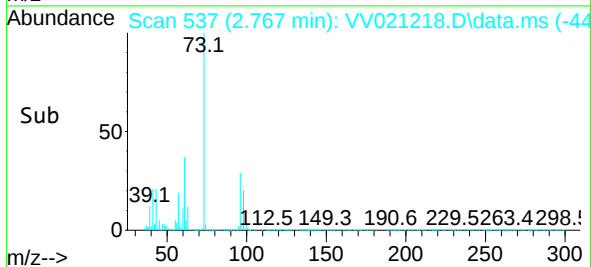
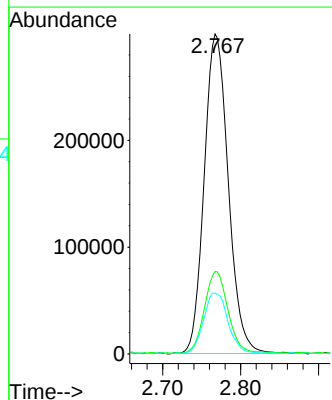
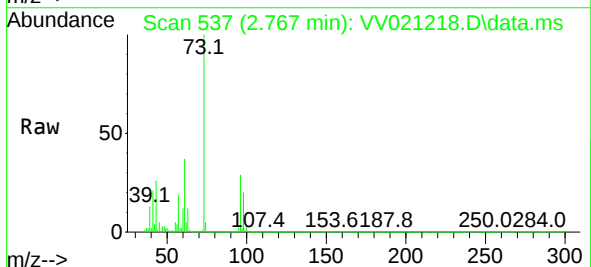
Instrument :
MSVOA_V
ClientSampled :

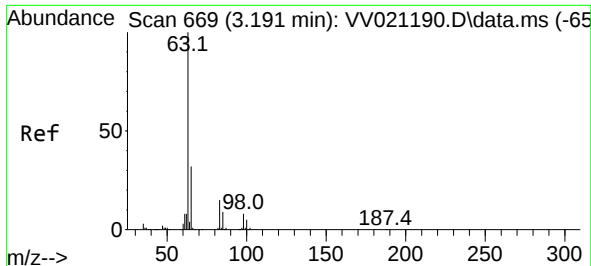
Tgt Ion: 96 Resp: 196744
Ion Ratio Lower Upper
96 100
61 125.4 89.3 165.9
98 62.8 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 51.14 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 73 Resp: 641589
Ion Ratio Lower Upper
73 100
43 24.7 14.7 22.1#
57 19.0 15.9 23.9





#19

1,1-Dichloroethane

Concen: 45.50 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

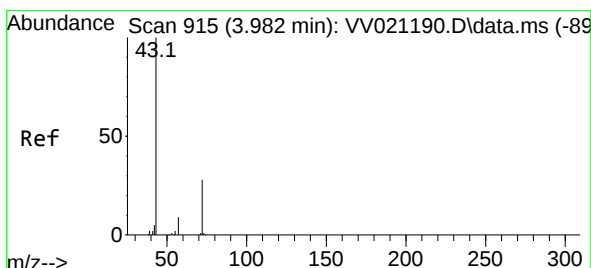
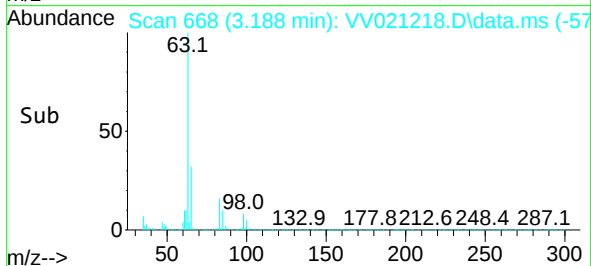
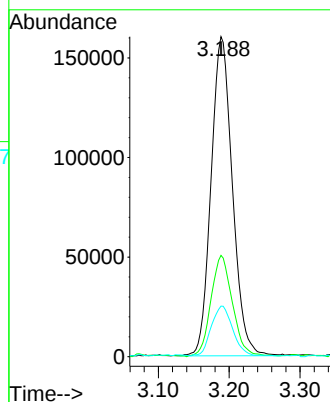
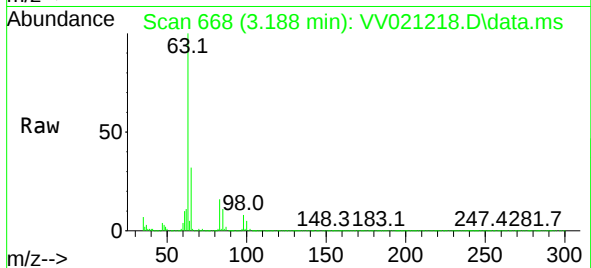
Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

Tgt Ion: 63 Resp: 335540

Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.9	40.7
83	15.8	10.6	19.6

Instrument :
MSVOA_V
ClientSampleId :



#22

2-Butanone

Concen: 106.00 ug/L

RT: 3.976 min Scan# 913

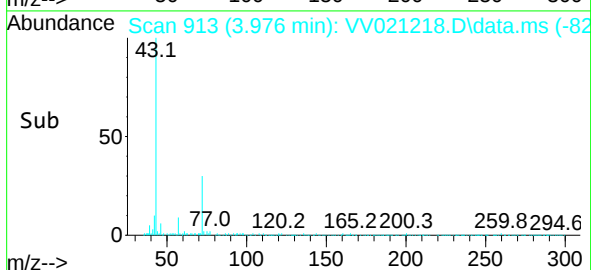
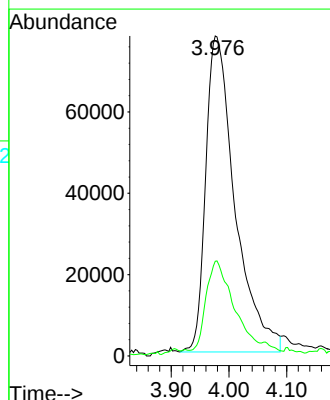
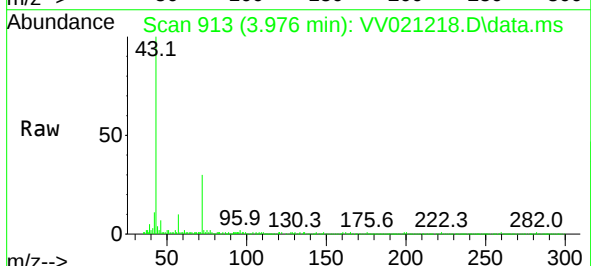
Delta R.T. -0.006 min

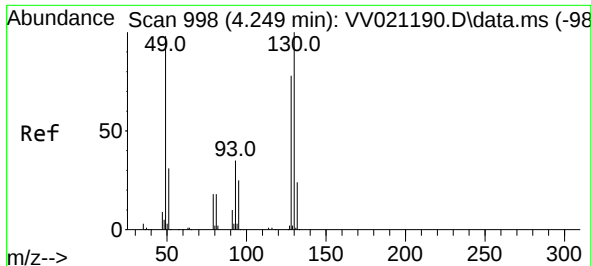
Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

Tgt Ion: 43 Resp: 274162

Ion	Ratio	Lower	Upper
43	100		
72	26.0	13.2	39.6

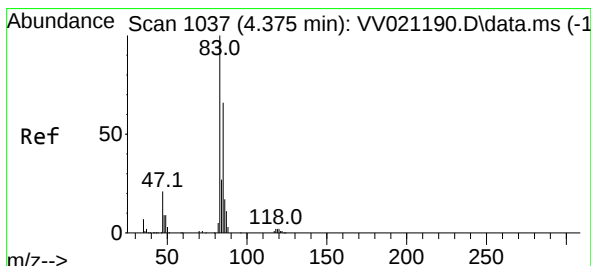
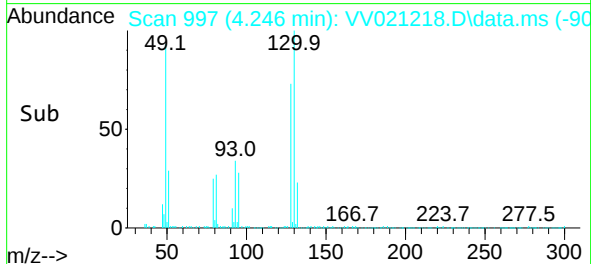
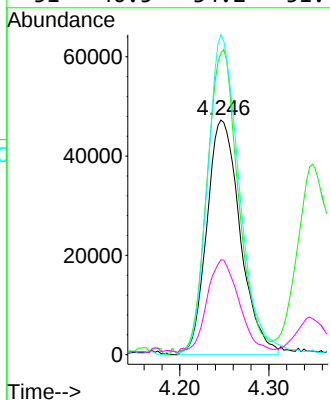
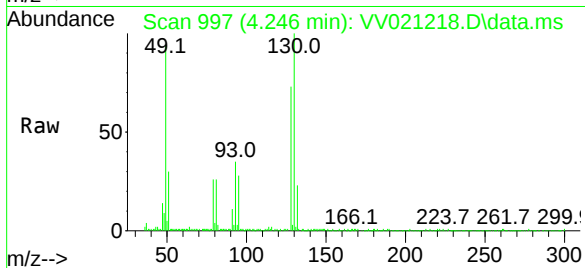




#23
Bromochloromethane
Concen: 48.81 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

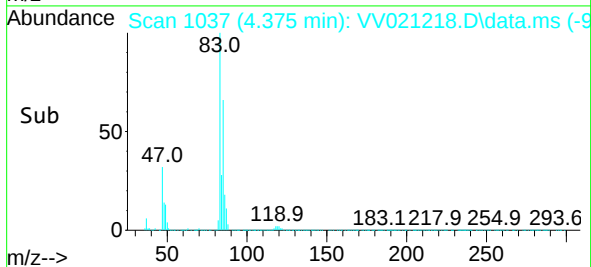
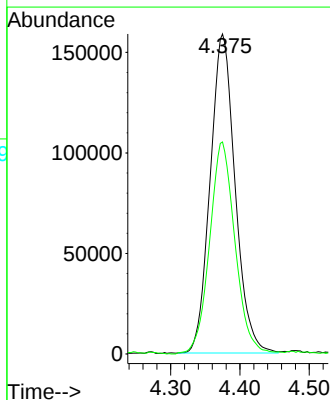
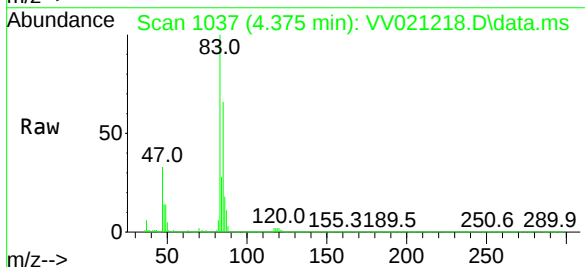
Instrument :
MSVOA_V
ClientSampleId :

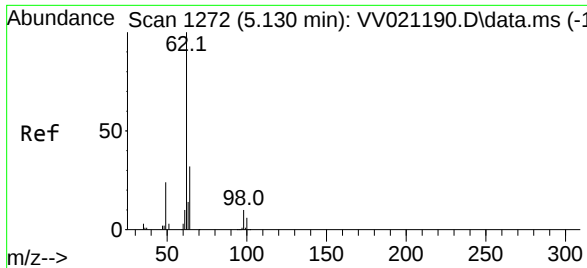
Tgt Ion:	128	Resp:	122677
Ion Ratio	Lower	Upper	
128	100		
49	128.6	91.3	169.6
130	136.5	86.8	161.2
51	40.5	34.2	51.4



#25
Chloroform
Concen: 47.82 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion:	83	Resp:	396925
Ion Ratio	Lower	Upper	
83	100		
85	66.3	45.6	84.6

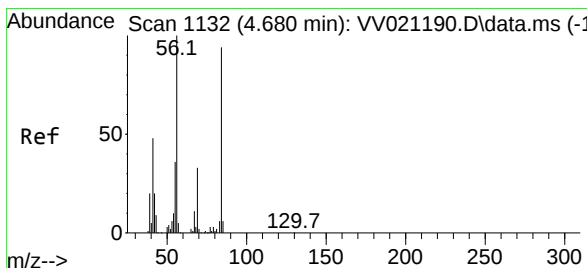
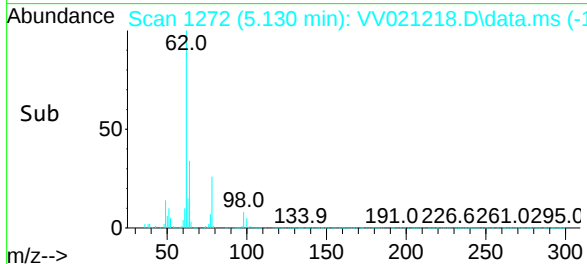
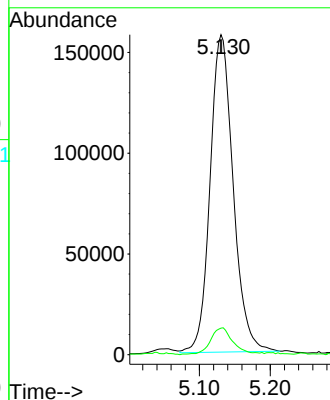
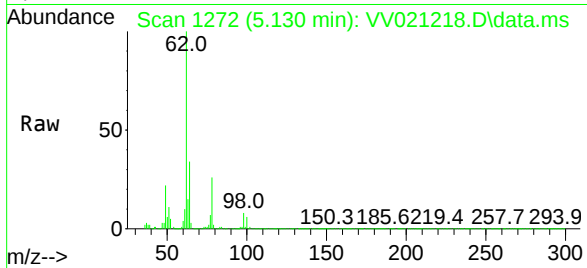




#27
1,2-Dichloroethane
Concen: 54.02 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

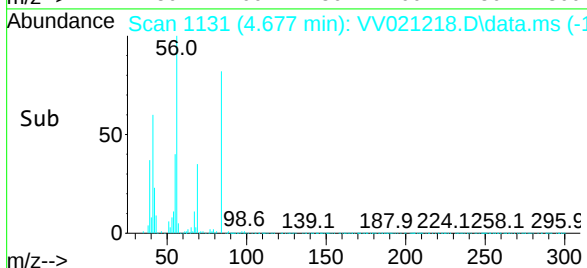
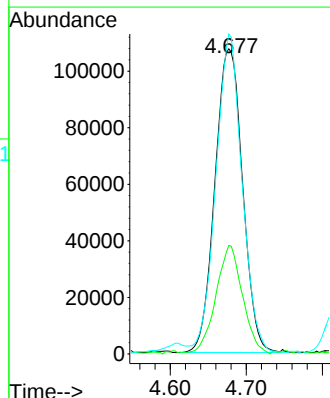
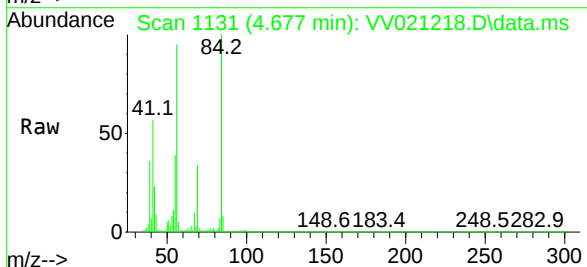
Instrument :
MSVOA_V
ClientSampled :

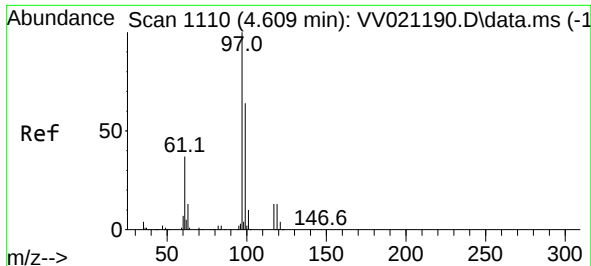
Tgt Ion: 62 Resp: 357036
Ion Ratio Lower Upper
62 100
98 8.3 6.7 10.1



#29
Cyclohexane
Concen: 45.12 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 56 Resp: 271195
Ion Ratio Lower Upper
56 100
69 34.4 25.7 38.5
84 99.4 75.7 113.5

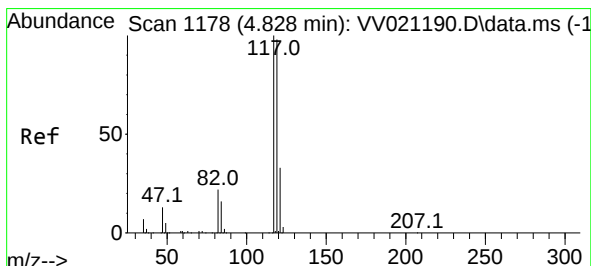
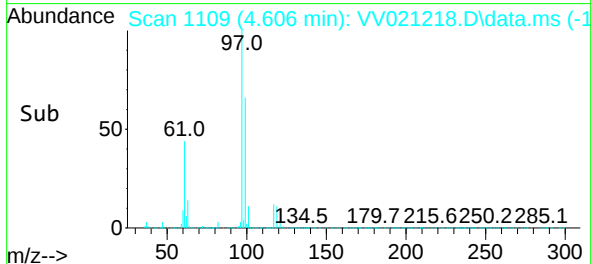
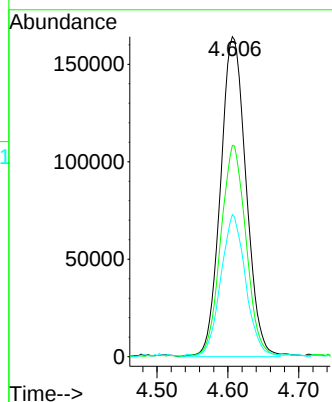
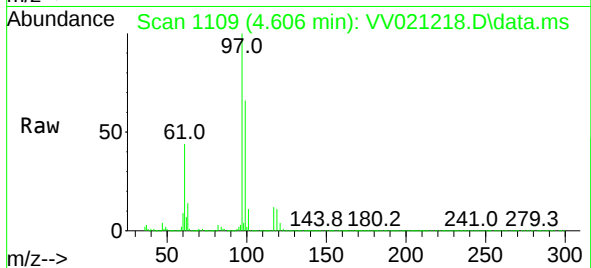




#30
1,1,1-Trichloroethane
Concen: 51.91 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

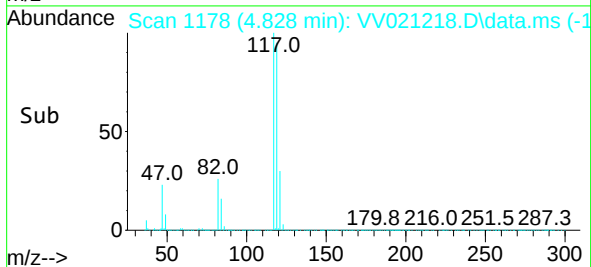
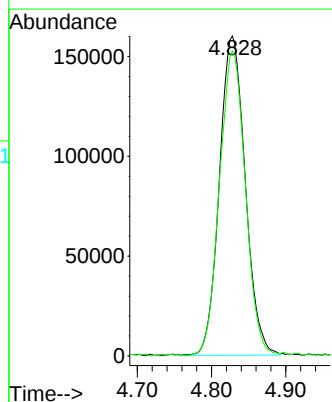
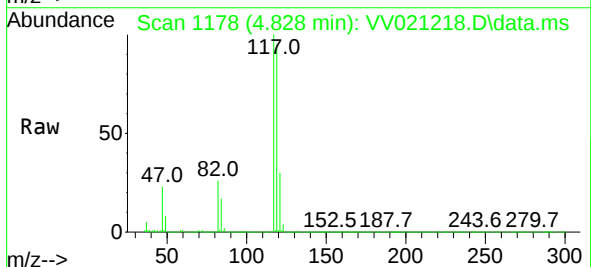
Instrument :
MSVOA_V
ClientSampleId :

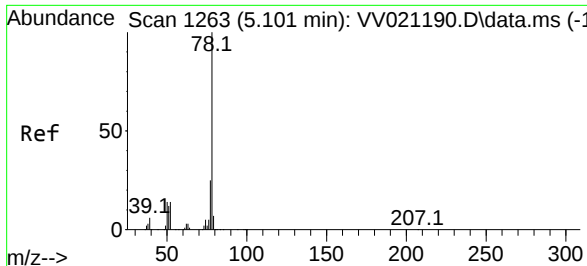
Tgt Ion: 97 Resp: 410736
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 42.2 32.1 48.1



#31
Carbon tetrachloride
Concen: 52.87 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 117 Resp: 386335
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2

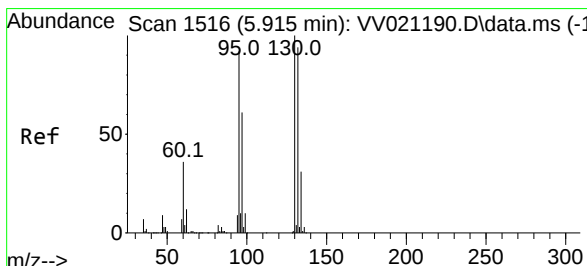
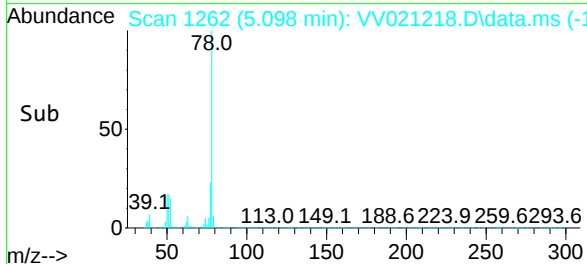
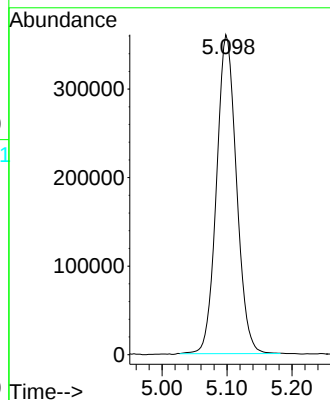
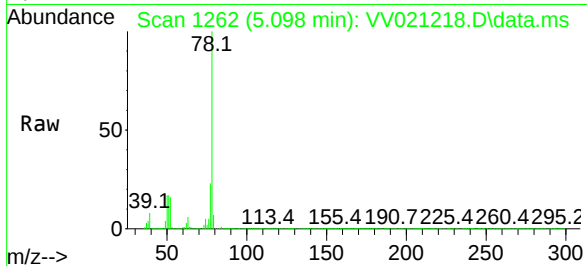




#33
Benzene
Concen: 46.53 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 78 Resp: 766173

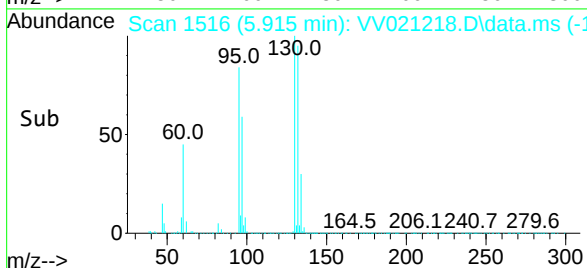
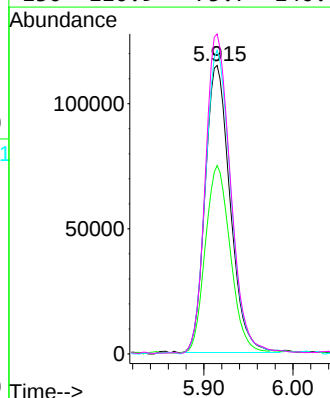
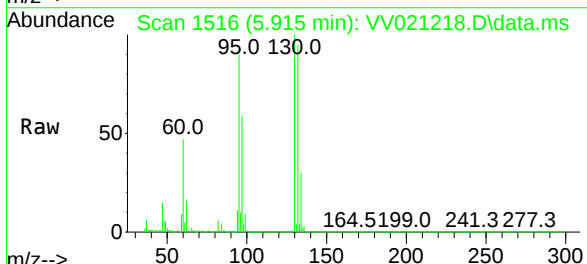
Instrument :
MSVOA_V
ClientSampled :

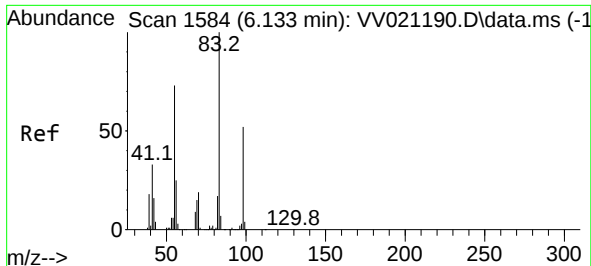


#34
Trichloroethene
Concen: 49.14 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 95 Resp: 223937

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.5	84.5
132	105.2	71.0	131.8
130	110.9	75.7	140.7

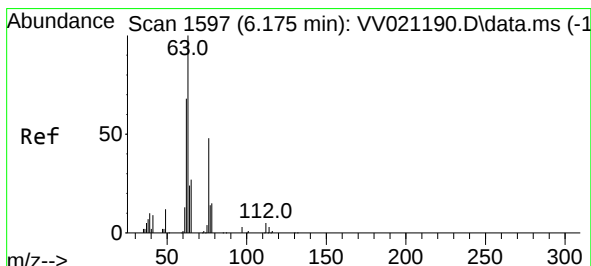
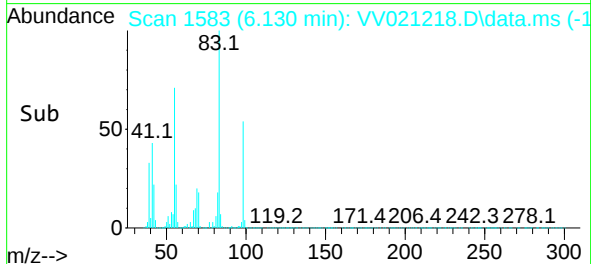
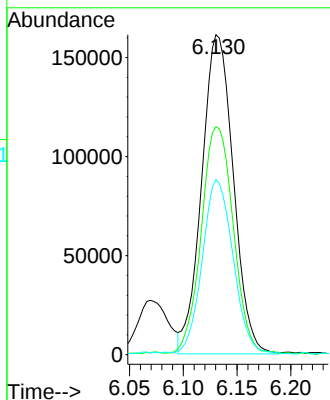
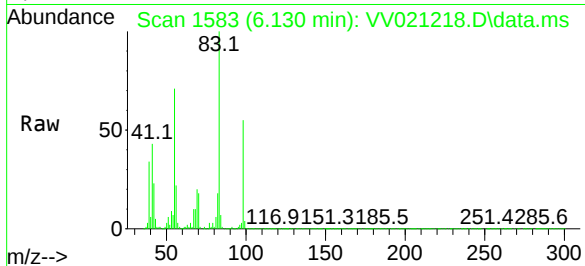




#35
Methylcyclohexane
Concen: 48.13 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

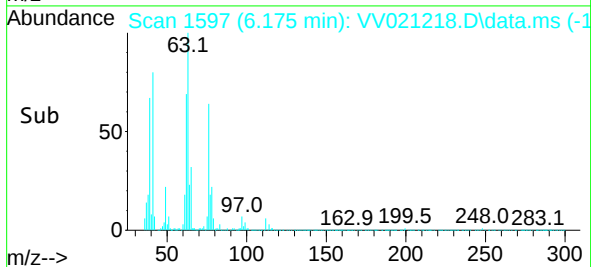
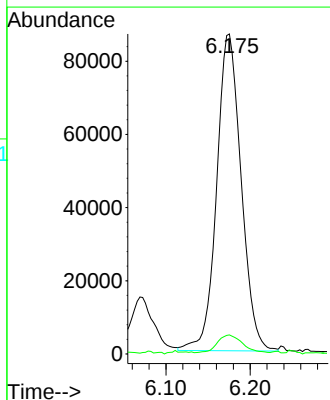
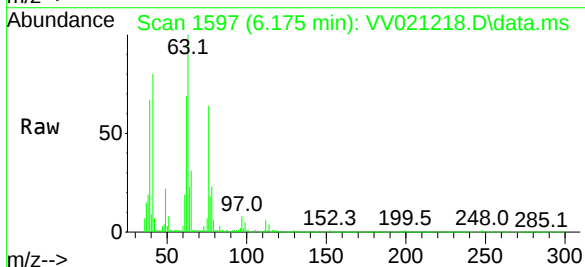
Instrument :
MSVOA_V
ClientSampleId :

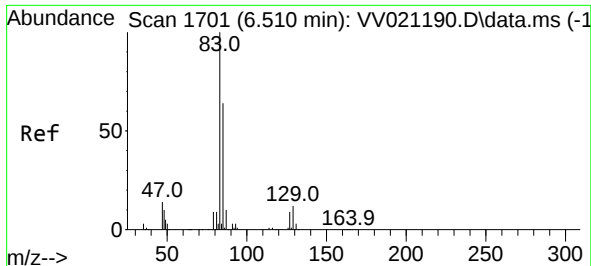
Tgt Ion: 83 Resp: 329625
Ion Ratio Lower Upper
83 100
55 71.2 58.2 87.2
98 53.2 40.6 60.8



#37
1,2-Dichloropropane
Concen: 43.23 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 63 Resp: 174845
Ion Ratio Lower Upper
63 100
112 5.6 3.9 5.9

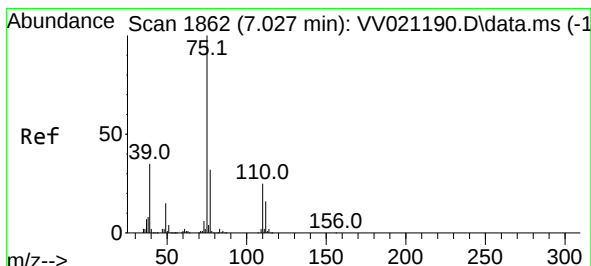
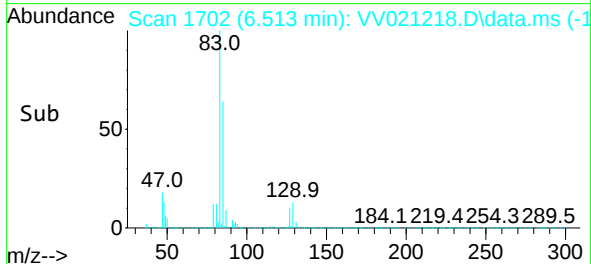
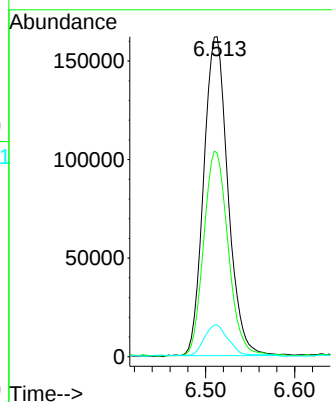
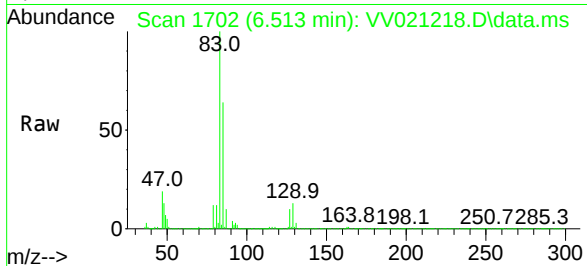




#38
Bromodichloromethane
Concen: 48.65 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

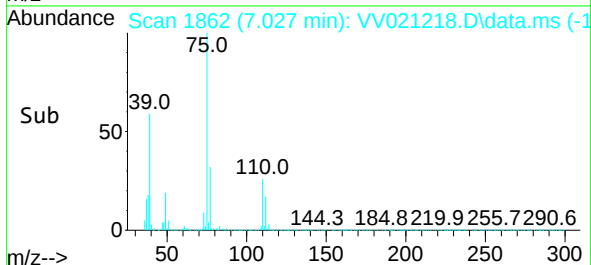
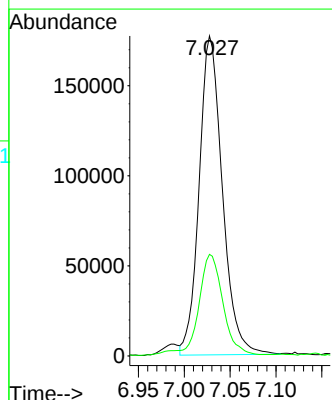
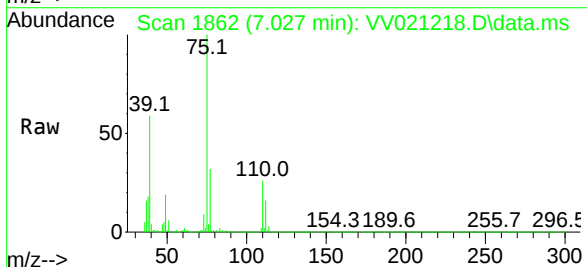
Instrument :
MSVOA_V
ClientSampleId :

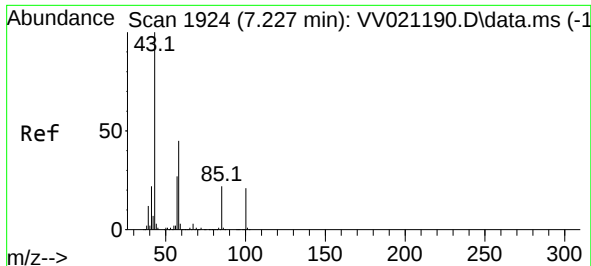
Tgt Ion: 83 Resp: 306590
Ion Ratio Lower Upper
83 100
85 63.6 46.2 85.8
127 9.9 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 47.34 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 75 Resp: 312247
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6

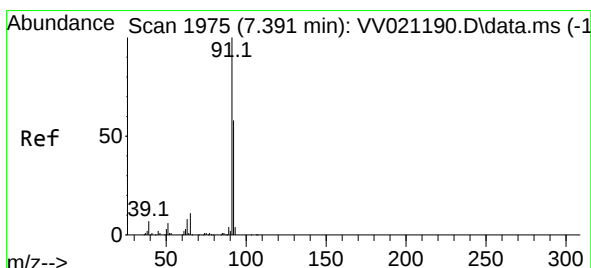
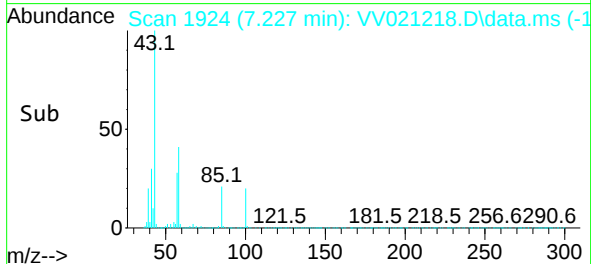
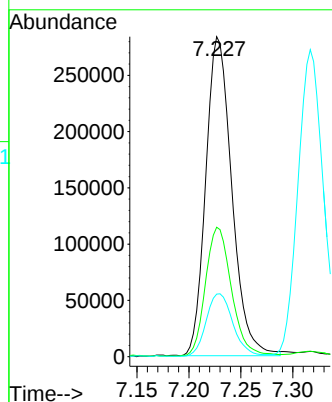
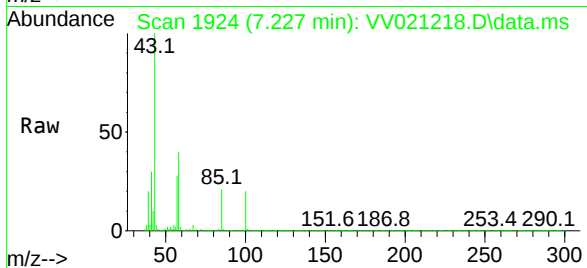




#40
4-Methyl-2-pentanone
Concen: 101.37 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

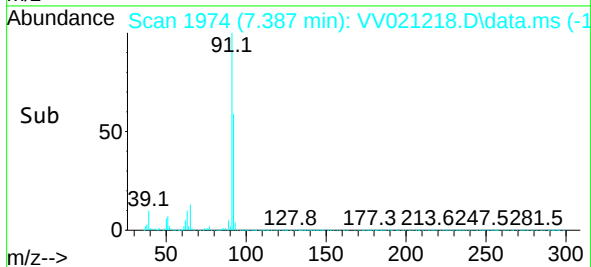
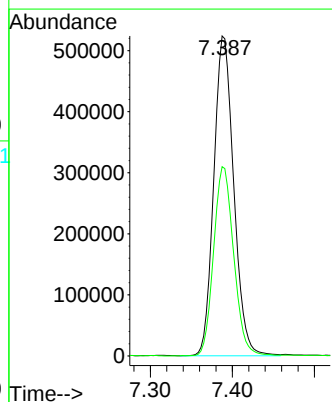
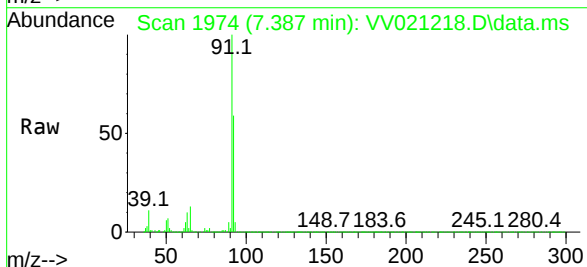
Instrument :
MSVOA_V
ClientSampleId :

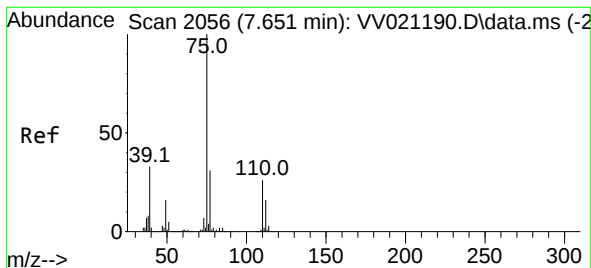
Tgt Ion: 43 Resp: 495576
Ion Ratio Lower Upper
43 100
58 40.3 34.5 51.7
100 20.1 15.2 22.8



#42
Toluene
Concen: 49.00 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 91 Resp: 885646
Ion Ratio Lower Upper
91 100
92 59.2 41.0 76.2



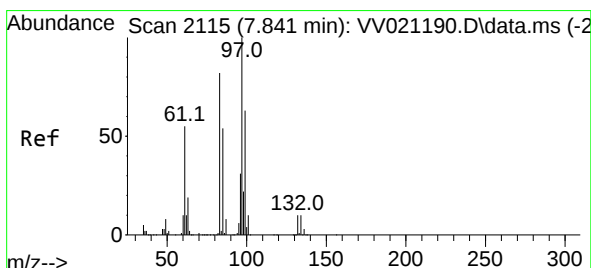
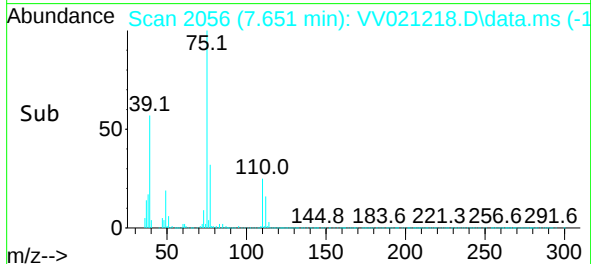
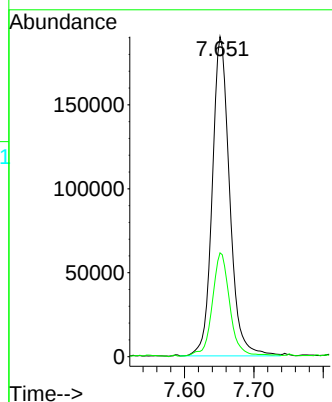
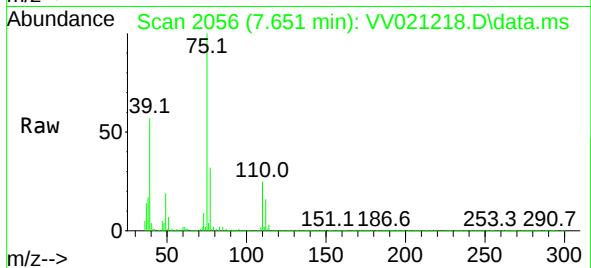


#44

trans-1,3-Dichloropropene
Concen: 48.55 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Instrument :
MSVOA_V
ClientSampleId :

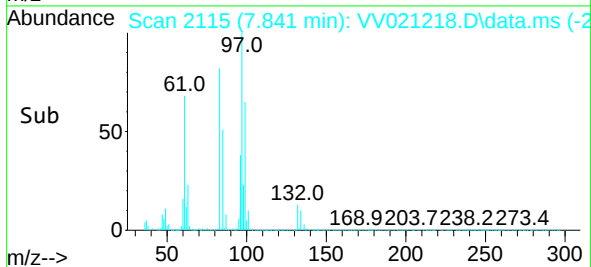
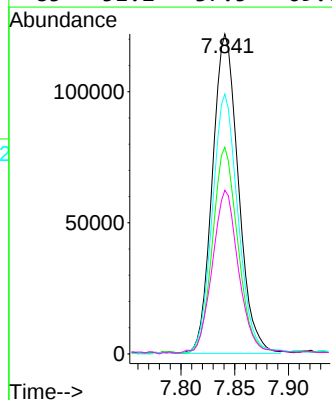
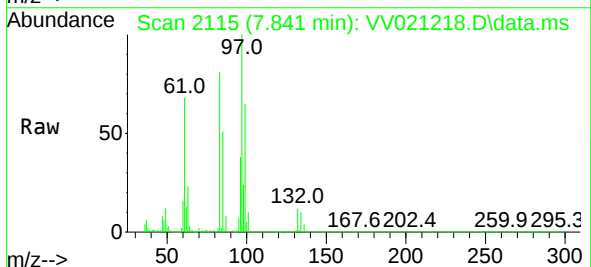
Tgt Ion: 75 Resp: 331380
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6

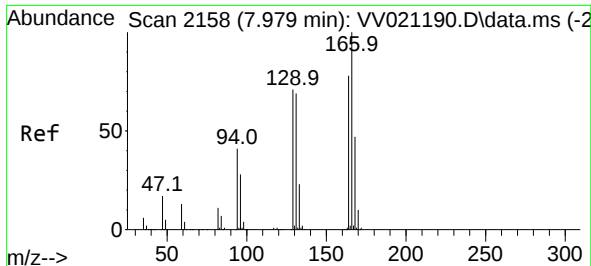


#45

1,1,2-Trichloroethane
Concen: 46.54 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 97 Resp: 204447
Ion Ratio Lower Upper
97 100
99 64.6 43.7 81.1
83 81.2 59.6 110.6
85 51.2 37.5 69.6

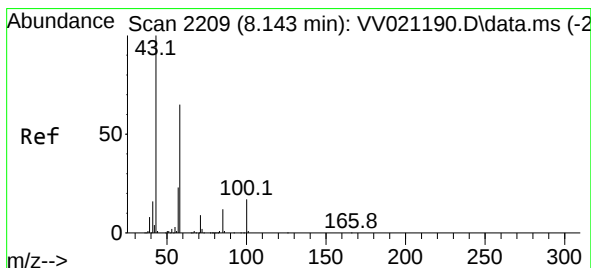
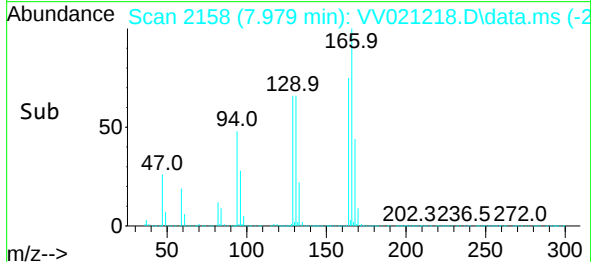
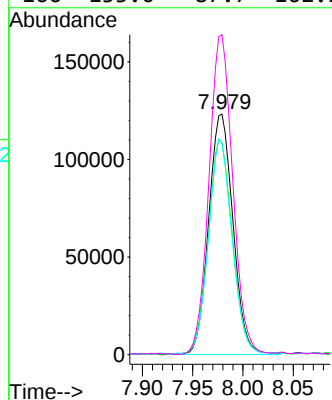
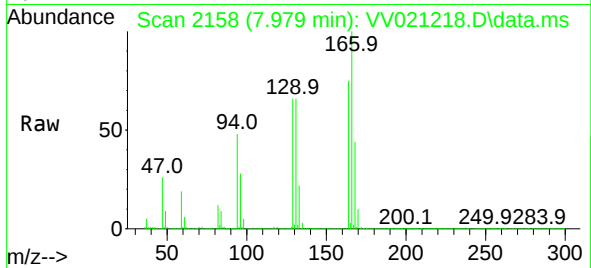




#46
Tetrachloroethene
Concen: 50.80 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

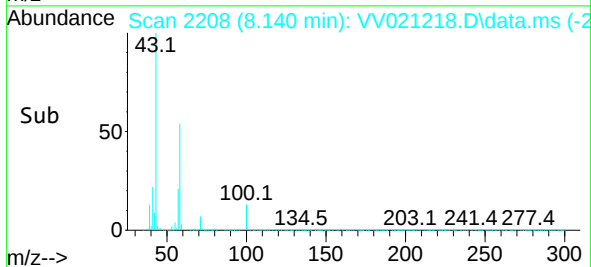
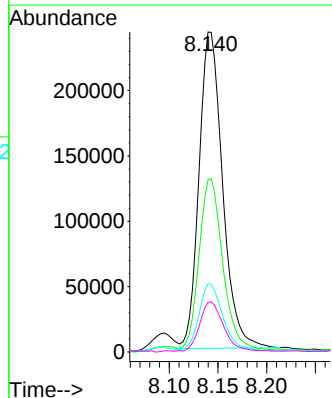
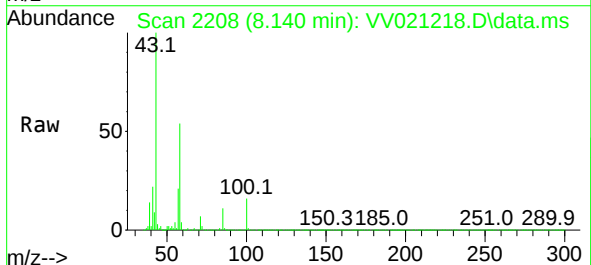
Instrument :
MSVOA_V
ClientSampleId :

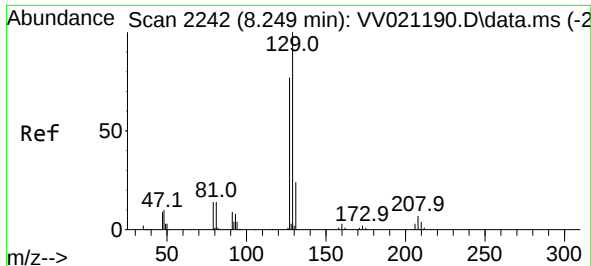
Tgt Ion:164 Resp: 207035
Ion Ratio Lower Upper
164 100
129 87.8 63.8 118.4
131 88.0 59.3 110.1
166 133.0 87.7 162.9



#48
2-Hexanone
Concen: 105.88 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 43 Resp: 407612
Ion Ratio Lower Upper
43 100
58 54.7 46.8 70.2
57 21.6 17.6 26.4
100 15.6 12.0 18.0





#49

Dibromochloromethane

Concen: 49.72 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV021218.D

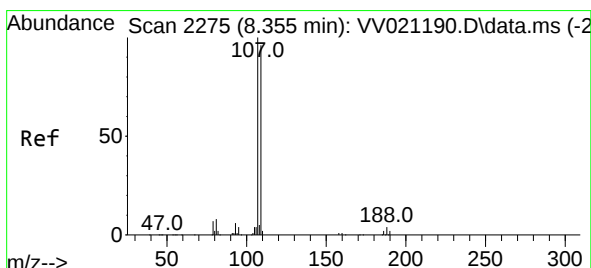
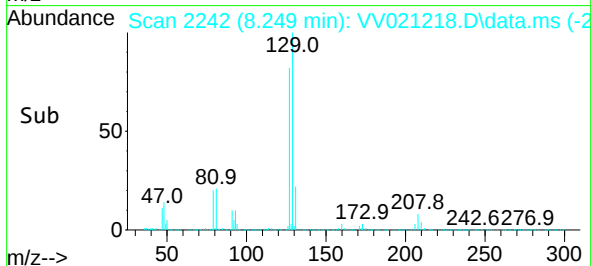
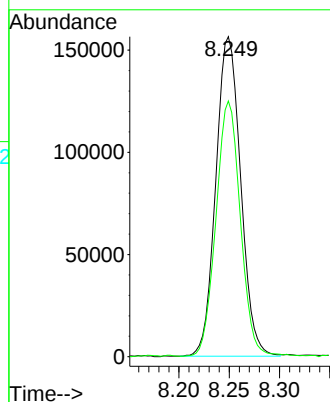
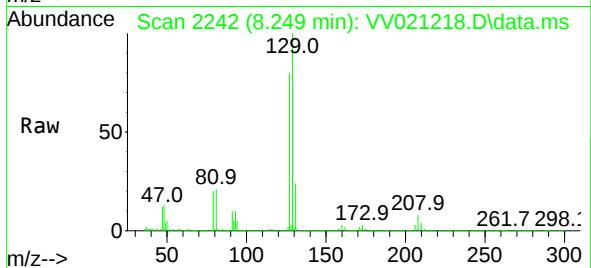
Acq: 29 Apr 2021 14:10

Tgt Ion:129 Resp: 268986

Ion Ratio Lower Upper

129 100

127 79.9 55.2 102.6



#50

1,2-Dibromoethane

Concen: 47.16 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

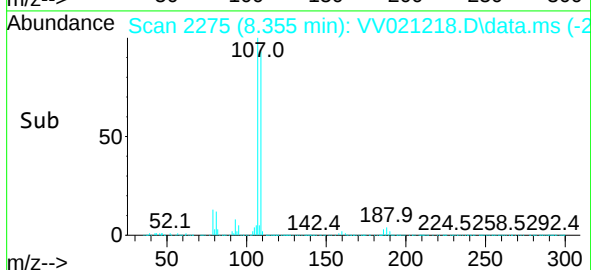
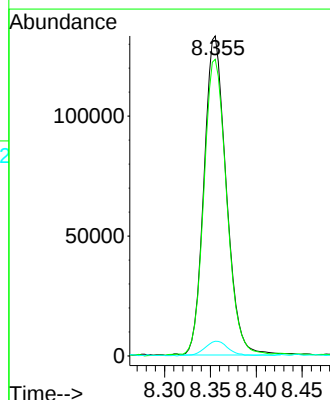
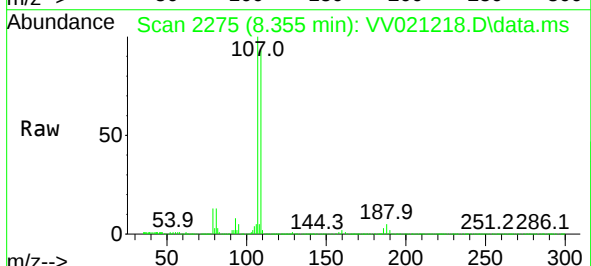
Tgt Ion:107 Resp: 223929

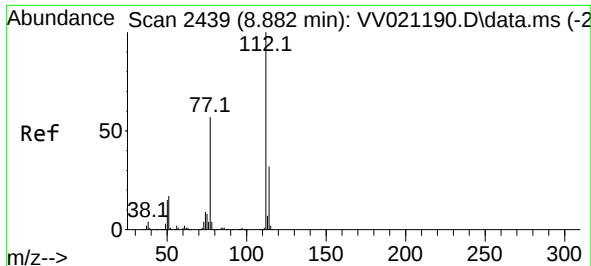
Ion Ratio Lower Upper

107 100

109 92.7 63.8 118.6

188 4.6 3.4 5.0

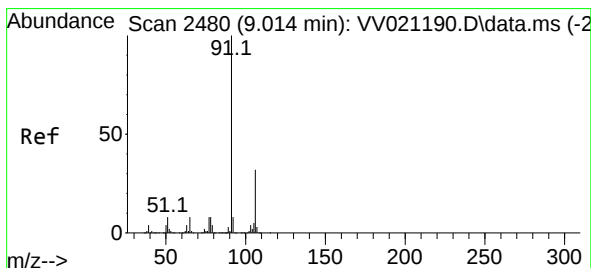
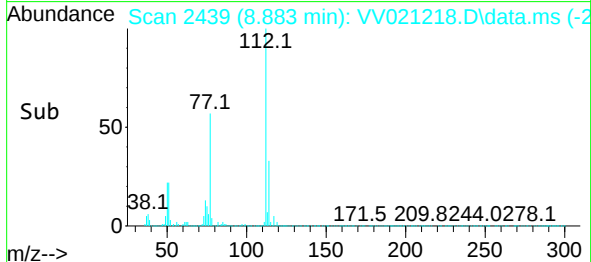
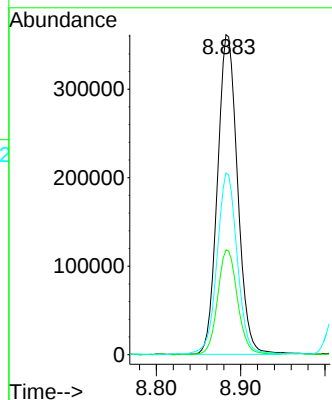
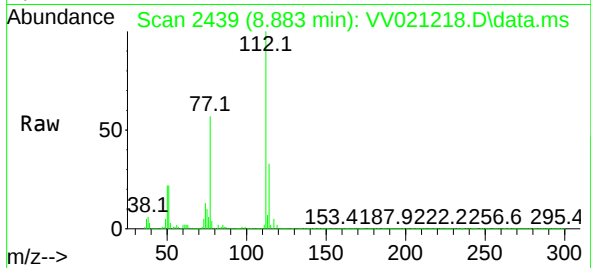




#51
Chlorobenzene
Concen: 48.01 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

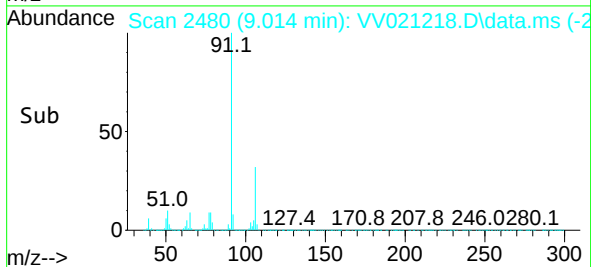
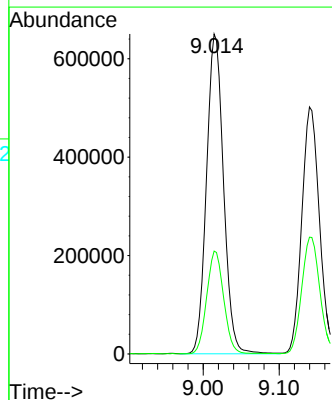
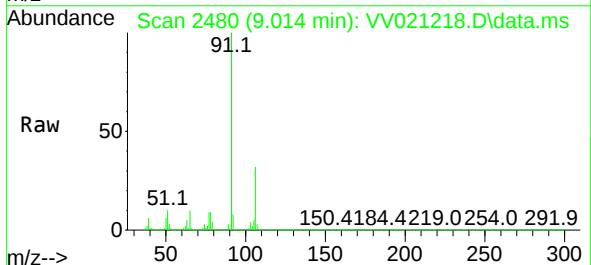
Instrument :
MSVOA_V
ClientSampleId :

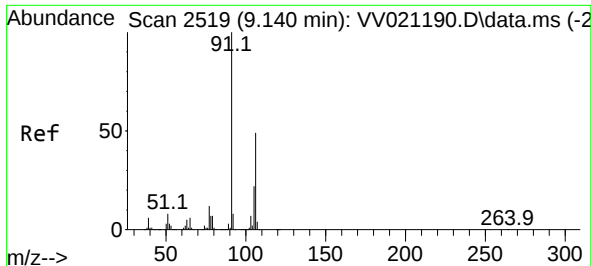
Tgt Ion:112 Resp: 596856
Ion Ratio Lower Upper
112 100
114 32.8 22.8 42.4
77 56.8 44.2 66.2



#52
Ethylbenzene
Concen: 50.36 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 91 Resp: 1009285
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.4

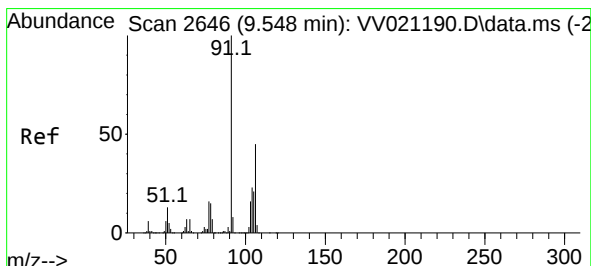
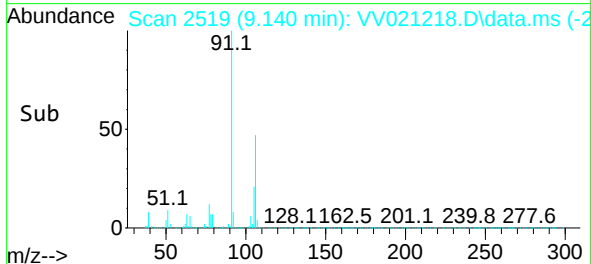
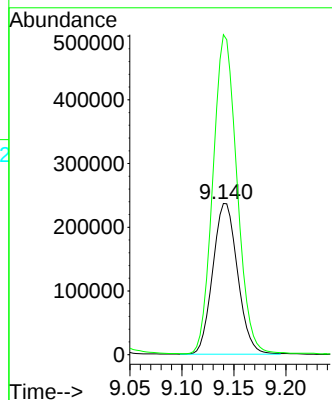
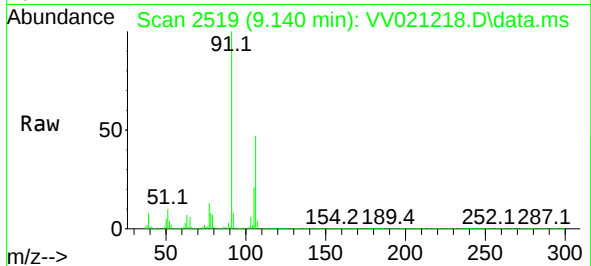




#53
m,p-Xylene
Concen: 51.42 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

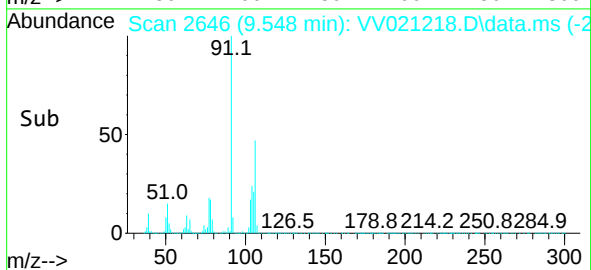
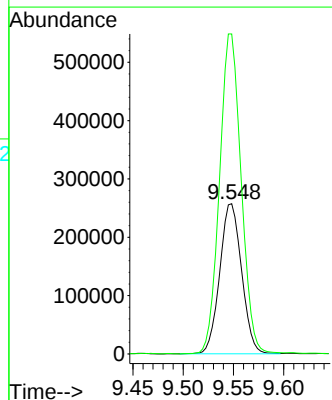
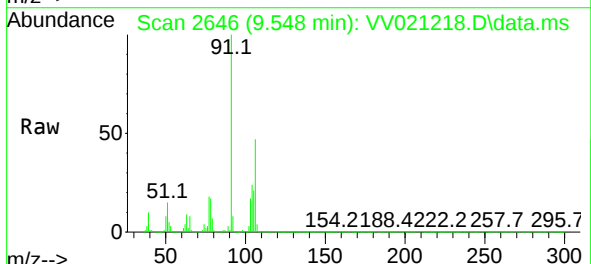
Instrument :
MSVOA_V
ClientSampled :

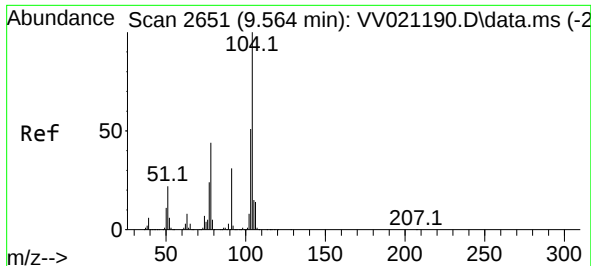
Tgt Ion:106 Resp: 392741
Ion Ratio Lower Upper
106 100
91 211.7 144.3 267.9



#54
o-Xylene
Concen: 51.94 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion:106 Resp: 389670
Ion Ratio Lower Upper
106 100
91 213.0 150.4 279.4

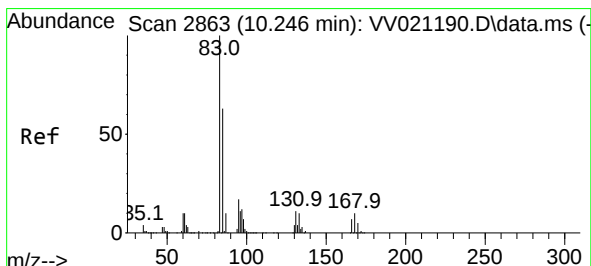
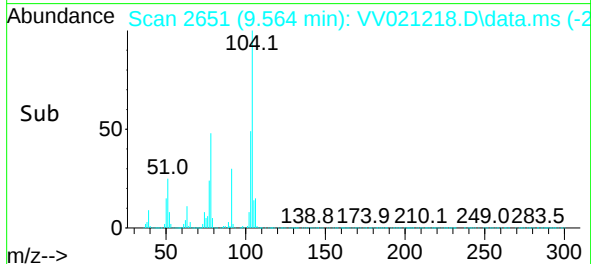
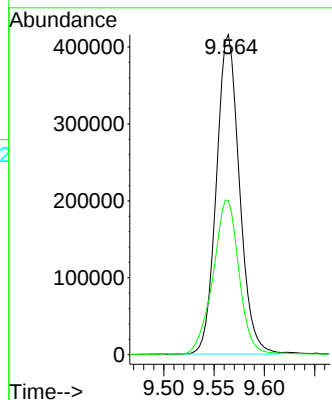
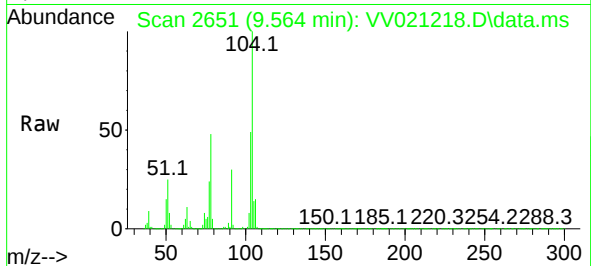




#55
Styrene
Concen: 52.24 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

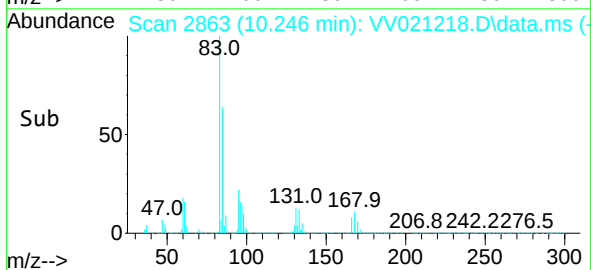
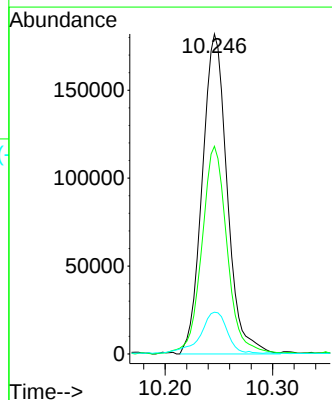
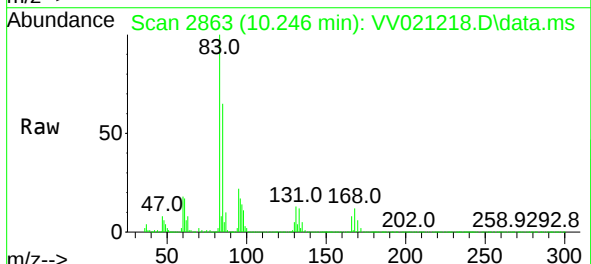
Instrument :
MSVOA_V
ClientSampleId :

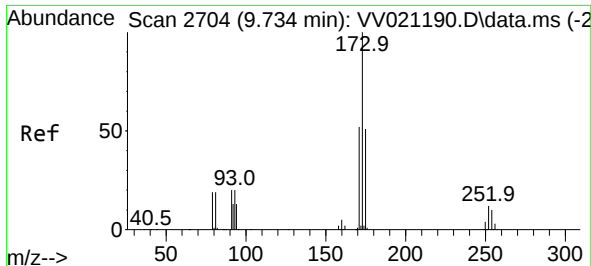
Tgt Ion:104 Resp: 662067
Ion Ratio Lower Upper
104 100
78 48.2 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 41.94 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 83 Resp: 292821
Ion Ratio Lower Upper
83 100
85 64.9 45.8 85.0
131 13.1 8.8 13.2





#59

Bromoform

Concen: 49.89 ug/L

RT: 9.735 min Scan# 2704

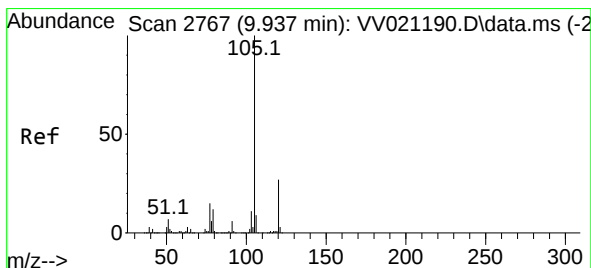
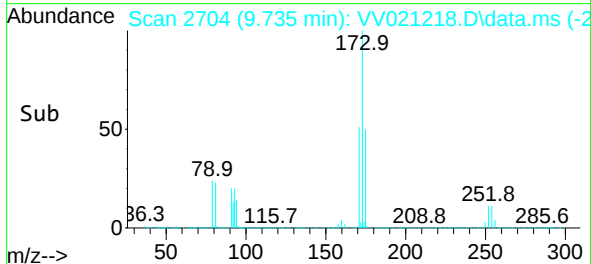
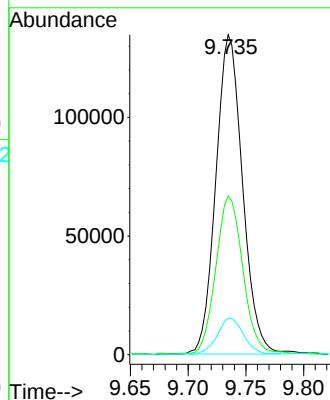
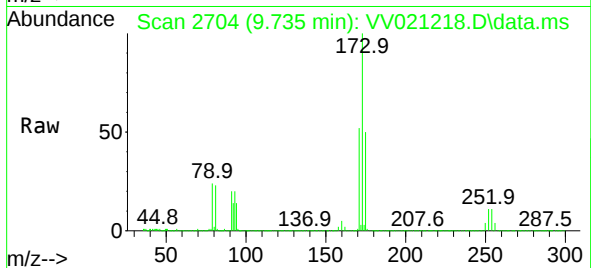
Delta R.T. 0.000 min

Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

Tgt Ion:173 Resp: 215870

Ion	Ratio	Lower	Upper
173	100		
175	50.2	38.9	58.3
254	11.2	8.3	12.5



#60

Isopropylbenzene

Concen: 49.28 ug/L

RT: 9.934 min Scan# 2766

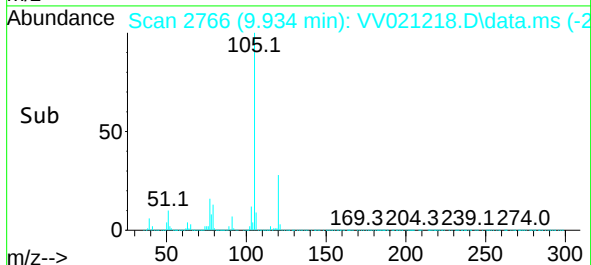
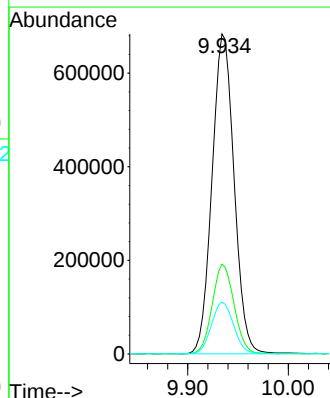
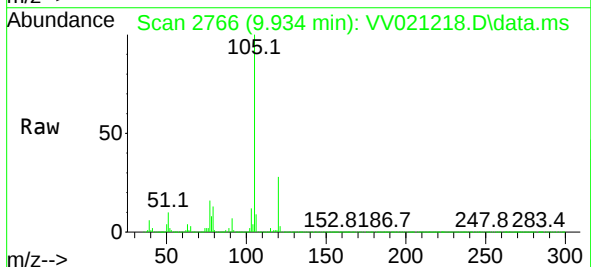
Delta R.T. -0.003 min

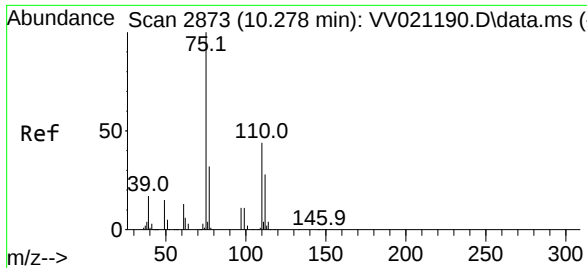
Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

Tgt Ion:105 Resp: 1039833

Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.8	32.6
77	16.2	12.9	19.3

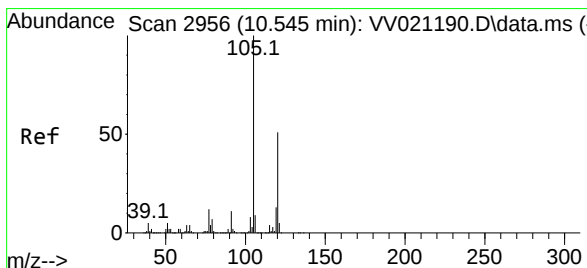
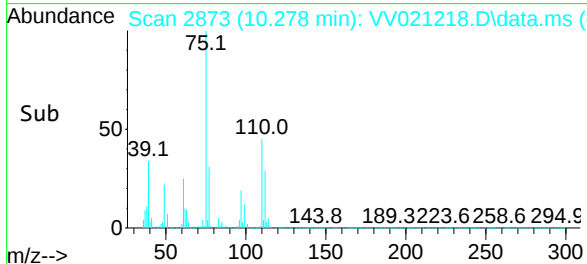
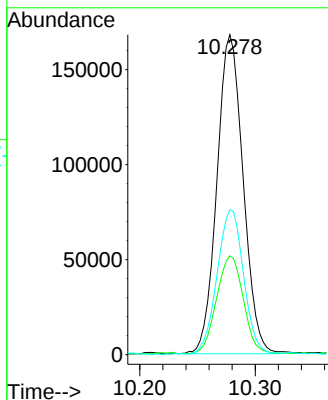
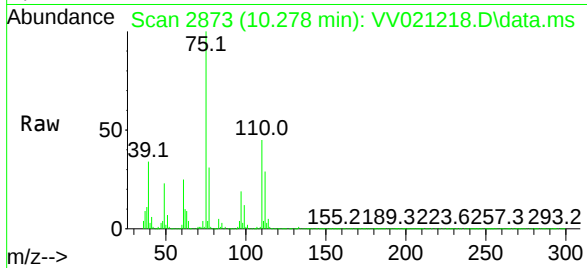




#61
1,2,3-Trichloropropane
Concen: 44.44 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

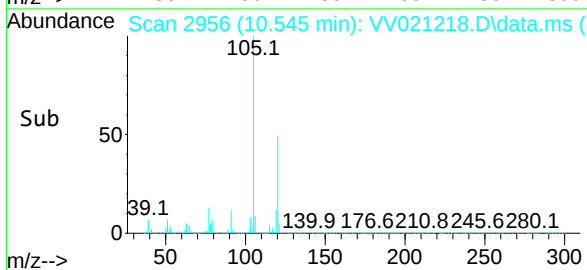
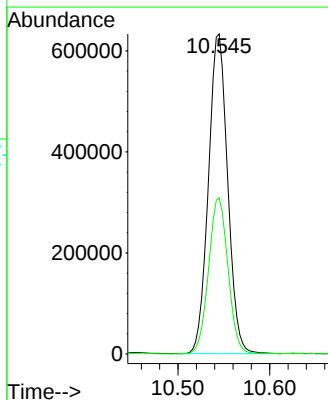
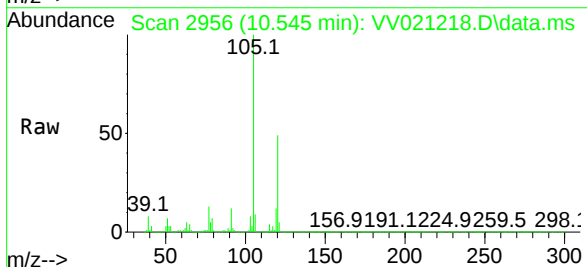
Instrument :
MSVOA_V
ClientSampleId :

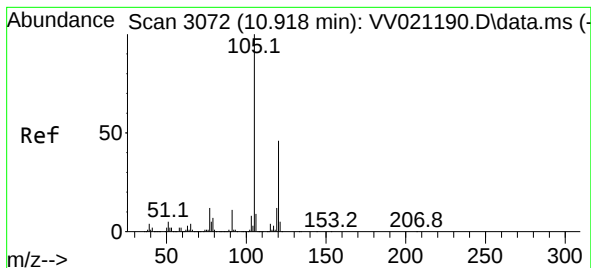
Tgt Ion: 75 Resp: 264467
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 45.7 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 51.55 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion: 105 Resp: 923670
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3

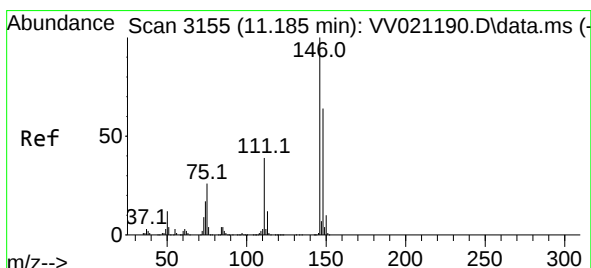
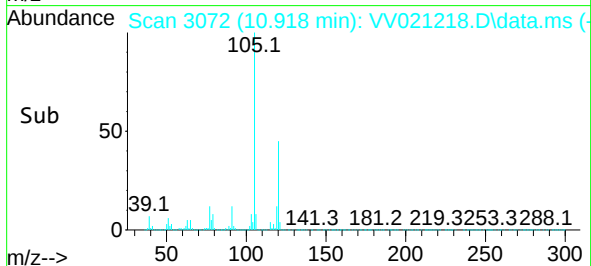
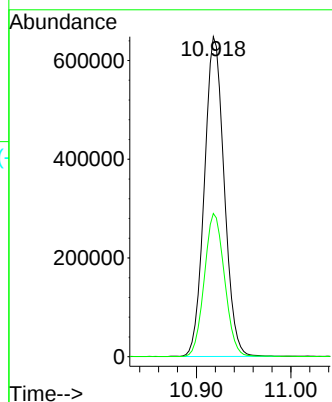
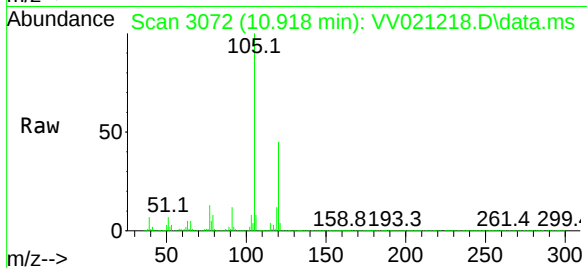




#63
1,2,4-Trimethylbenzene
Concen: 52.70 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

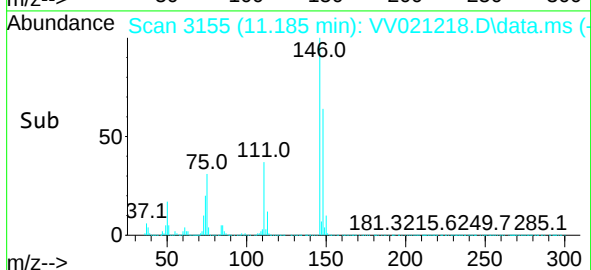
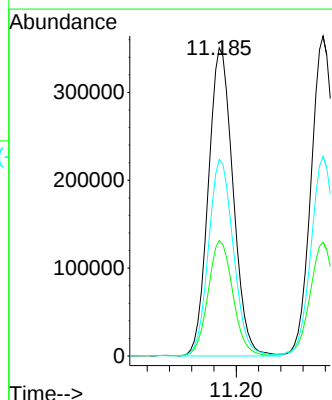
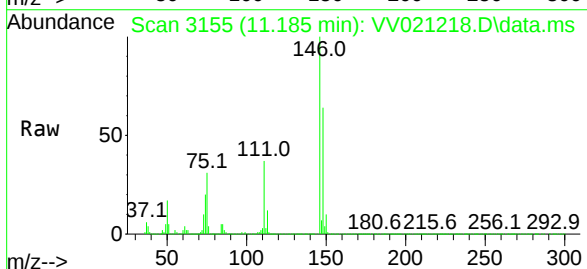
Instrument :
MSVOA_V
ClientSampled :

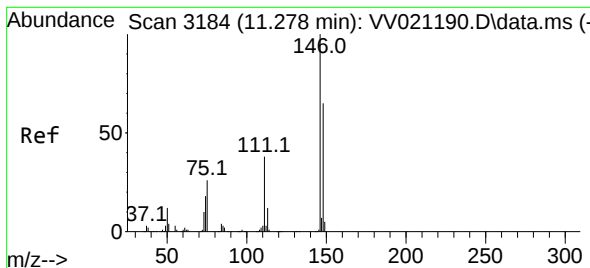
Tgt Ion:105 Resp: 941709
Ion Ratio Lower Upper
105 100
120 45.7 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 51.51 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion:146 Resp: 541417
Ion Ratio Lower Upper
146 100
111 37.4 27.6 51.2
148 63.7 45.1 83.7

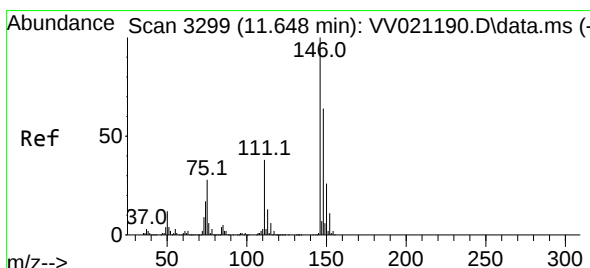
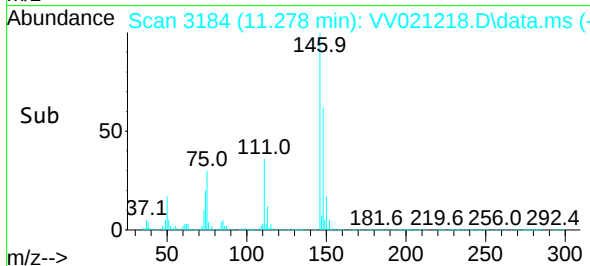
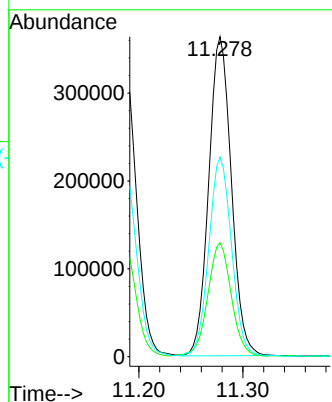
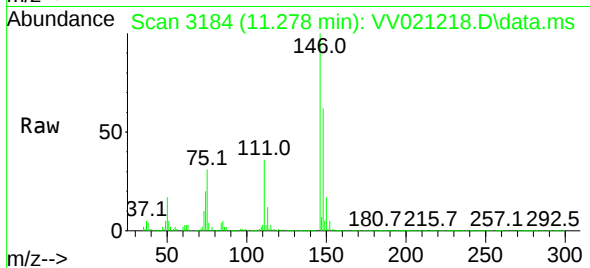




#65
1,4-Dichlorobenzene
Concen: 50.78 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

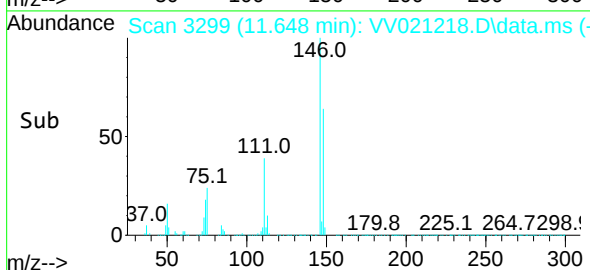
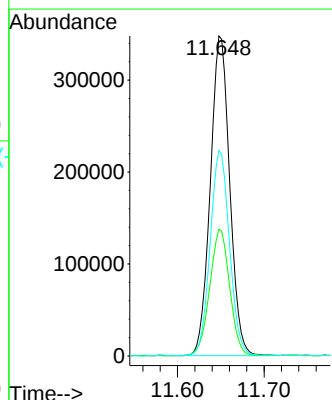
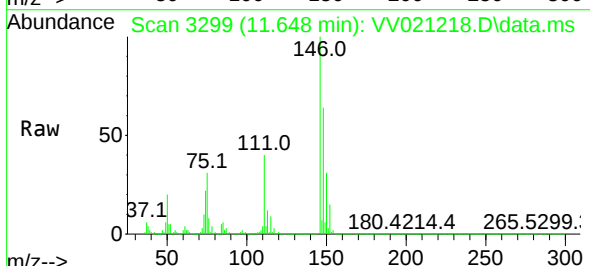
Instrument :
MSVOA_V
ClientSampleId :

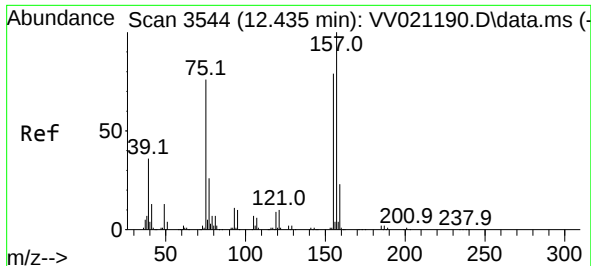
Tgt Ion:146 Resp: 548388
Ion Ratio Lower Upper
146 100
111 35.6 26.3 48.9
148 62.3 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 49.89 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion:146 Resp: 541335
Ion Ratio Lower Upper
146 100
111 39.6 33.2 49.8
148 64.2 50.6 75.8

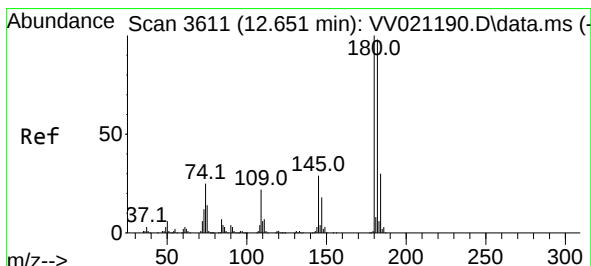
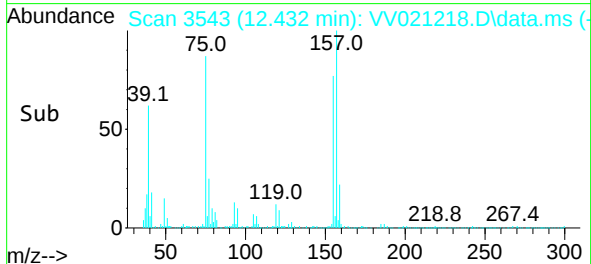
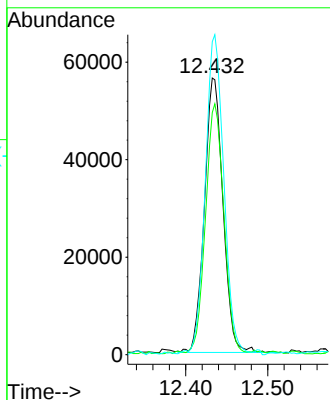
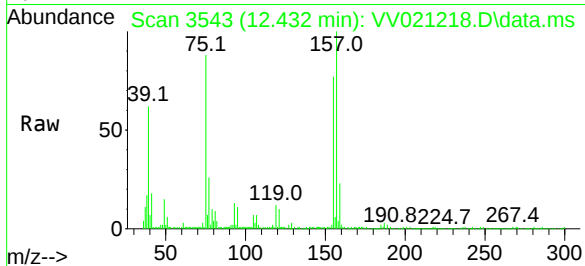




#68
1,2-Dibromo-3-chloropropane
Concen: 49.58 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.003 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

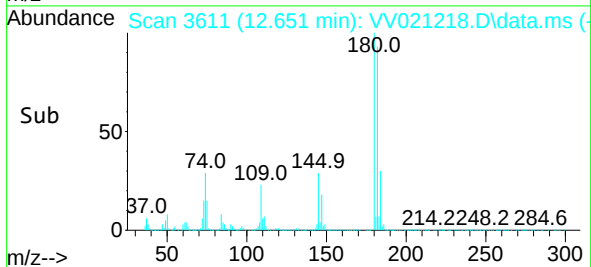
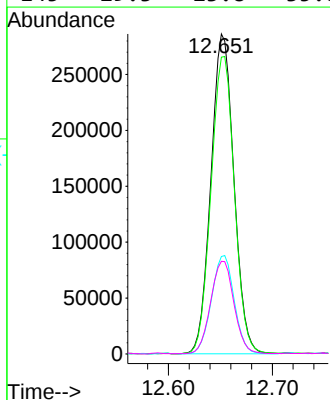
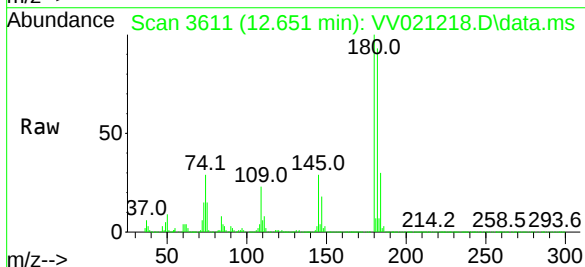
Instrument :
MSVOA_V
ClientSampled :

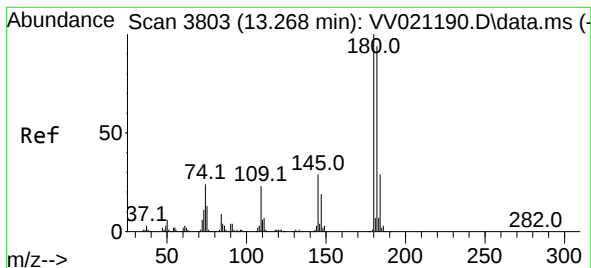
Tgt Ion: 75 Resp: 88432
Ion Ratio Lower Upper
75 100
155 87.5 72.8 109.2
157 113.1 94.6 142.0



#69
1,3,5-Trichlorobenzene
Concen: 53.74 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021218.D
Acq: 29 Apr 2021 14:10

Tgt Ion:180 Resp: 439340
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
184 30.5 24.1 36.1
145 29.3 23.8 35.8





#70

1,2,4-trichlorobenzene

Concen: 55.34 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.000 min

Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

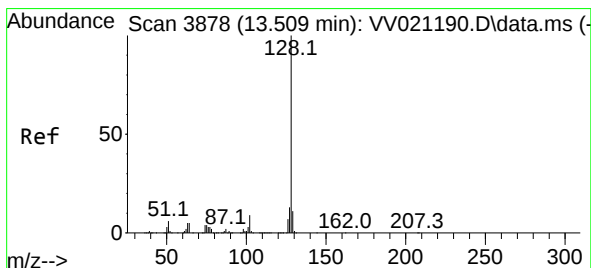
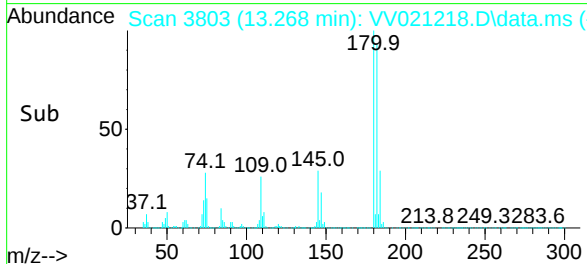
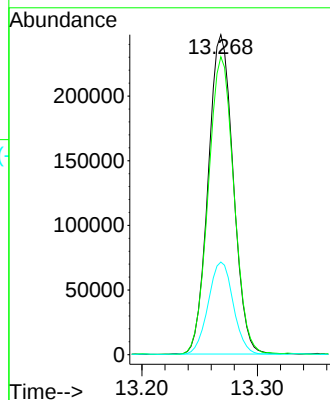
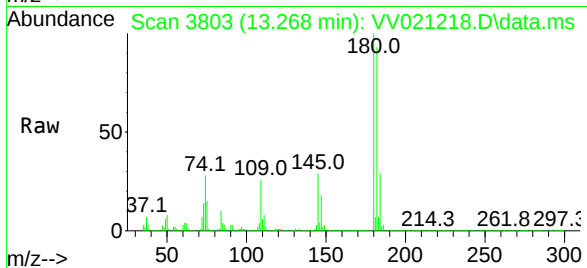
Tgt Ion:180 Resp: 370775

Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

145 29.1 24.3 36.5



#71

Naphthalene

Concen: 53.43 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.000 min

Lab File: VV021218.D

Acq: 29 Apr 2021 14:10

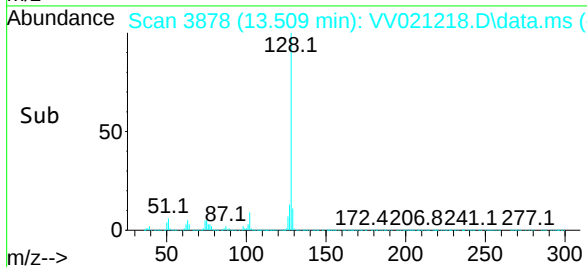
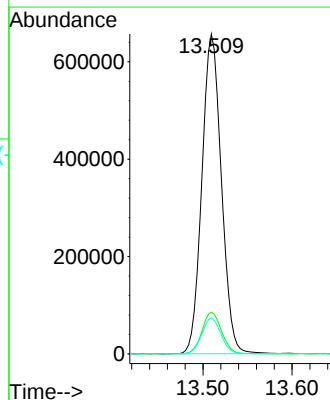
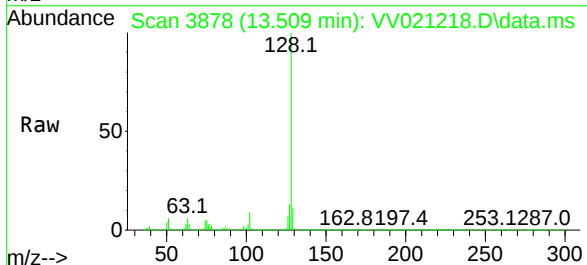
Tgt Ion:128 Resp: 997127

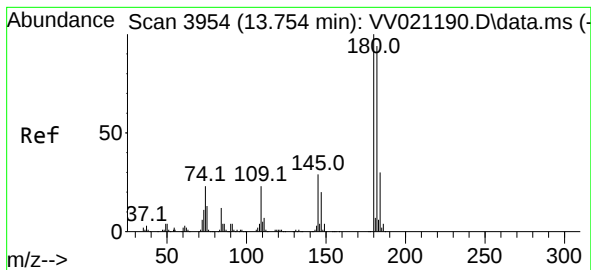
Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 56.18 ug/L
 RT: 13.751 min Scan# 3953
 Delta R.T. -0.003 min
 Lab File: VV021218.D
 Acq: 29 Apr 2021 14:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 384093
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.9 113.9
 145 31.6 25.0 37.6

