

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004694.D
 Acq On : 03 May 2021 15:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 01:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

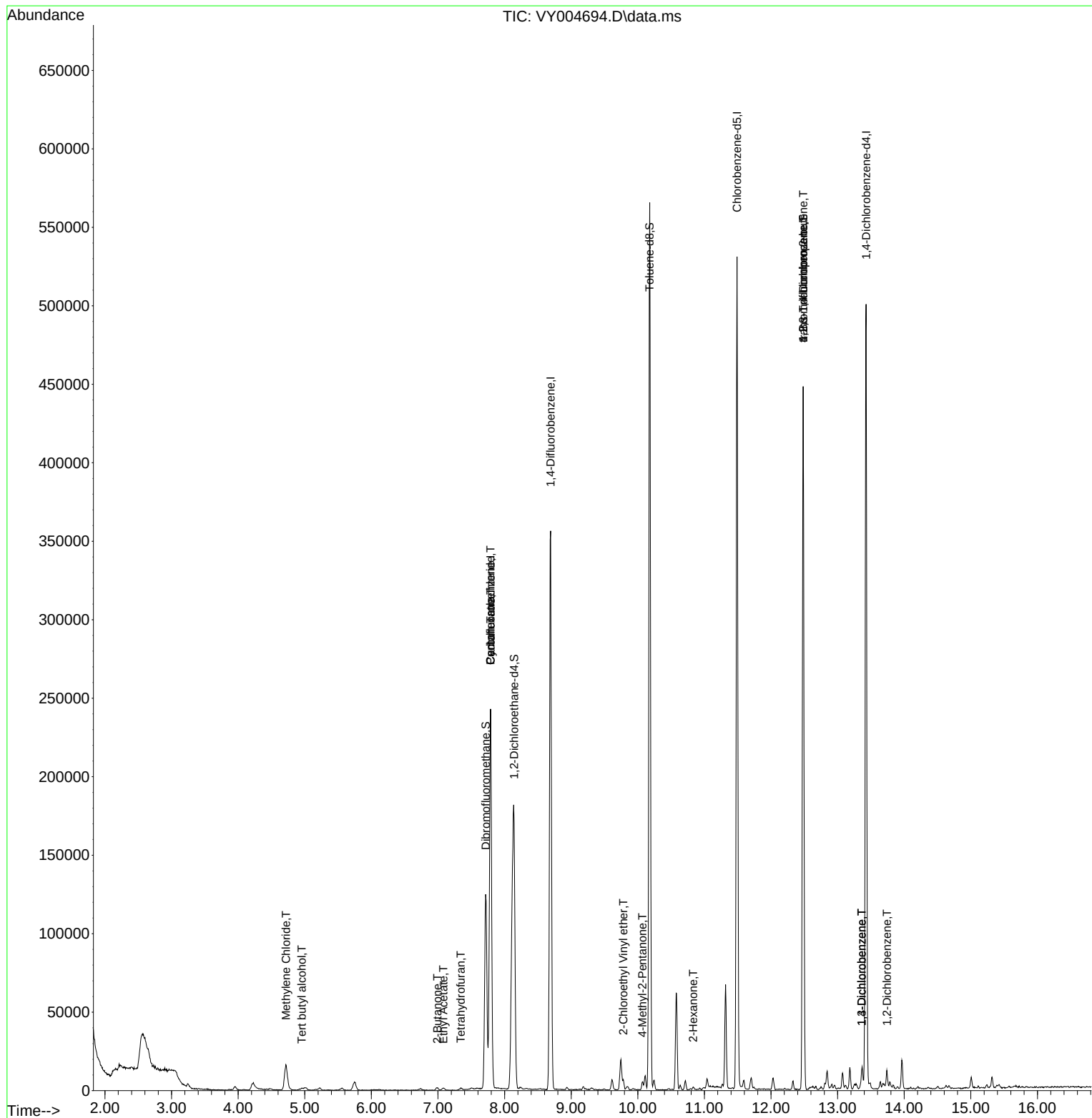
Internal Standards						
1) Pentafluorobenzene	7.789	168	177595	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	292976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109467	55.48	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.96%	
35) Dibromofluoromethane	7.716	113	86753	53.36	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.72%	
50) Toluene-d8	10.179	98	349187	50.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.98%	
62) 4-Bromofluorobenzene	12.483	95	115190	49.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2439	12.54	ug/l #	86
16) Acetone	3.954	43	3793	Below	Cal	90
20) Methylene Chloride	4.716	84	11551	6.06	ug/l	89
25) 2-Butanone	6.990	43	1078	1.43	ug/l	97
29) Tetrahydrofuran	7.344	42	676	1.26	ug/l #	65
31) Cyclohexane	7.789	56	4772	1.32	ug/l #	20
37) Ethyl Acetate	7.082	43	2245	1.20	ug/l #	87
38) Carbon Tetrachloride	7.789	117	18316	7.28	ug/l #	17
51) 4-Methyl-2-Pentanone	10.069	43	3940	2.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	2548	2.17	ug/l	92
59) 2-Hexanone	10.831	43	1392	1.14	ug/l	85
76) 1,2,3-Trichloropropane	12.483	75	65788	49.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65788	88.65	ug/l #	12
87) 1,3-Dichlorobenzene	13.361	146	4293	1.07	ug/l	98
88) 1,4-Dichlorobenzene	13.361	146	4293	1.07	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	3898	1.10	ug/l	96

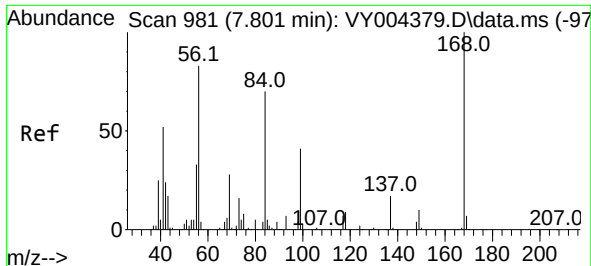
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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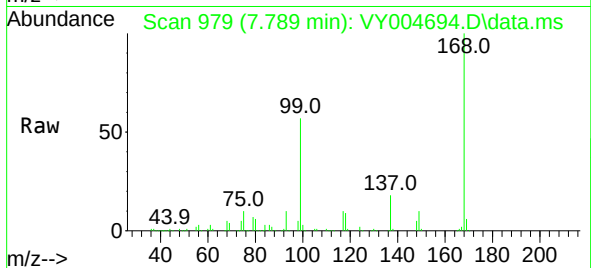
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QLast Update : Tue Apr 13 03:38:02 2021
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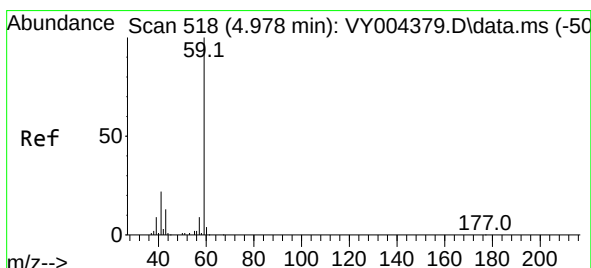
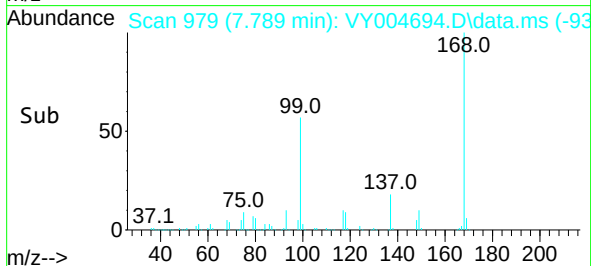
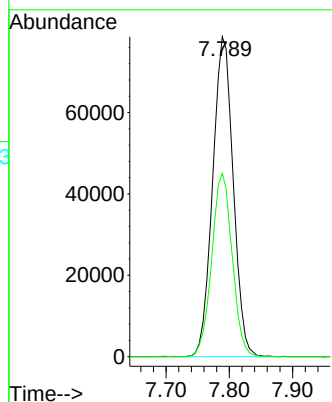


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampleId :

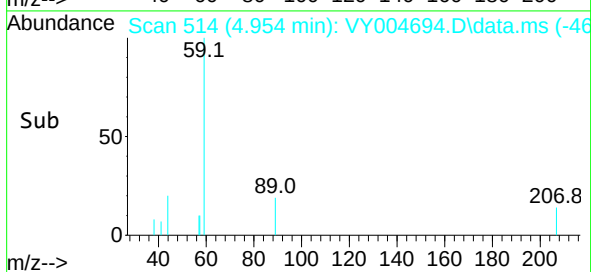
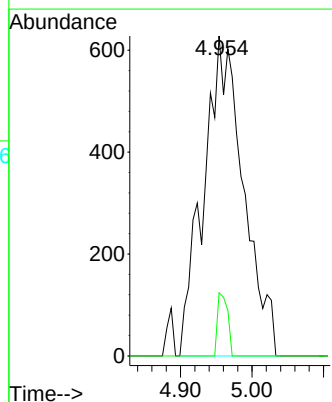
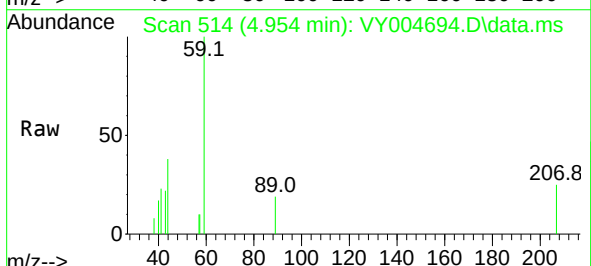


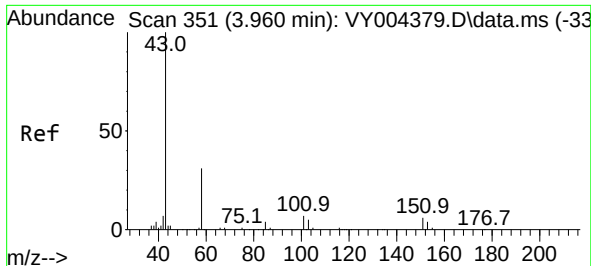
Tgt Ion:168 Resp: 177595
Ion Ratio Lower Upper
168 100
99 57.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 12.54 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 59 Resp: 2439
Ion Ratio Lower Upper
59 100
57 4.9 8.1 12.1#

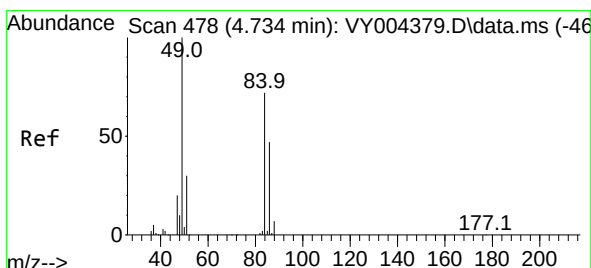
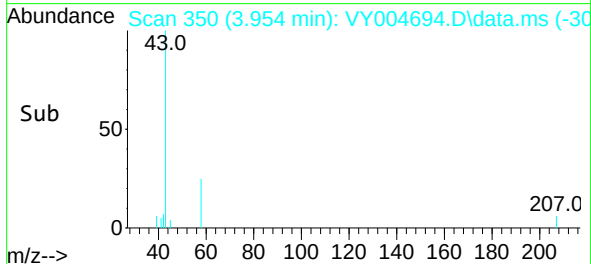
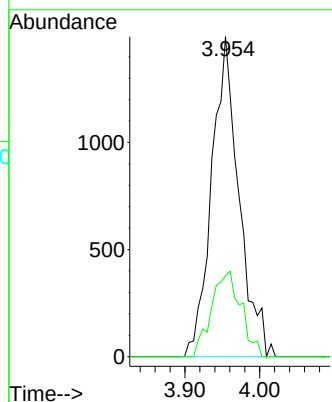
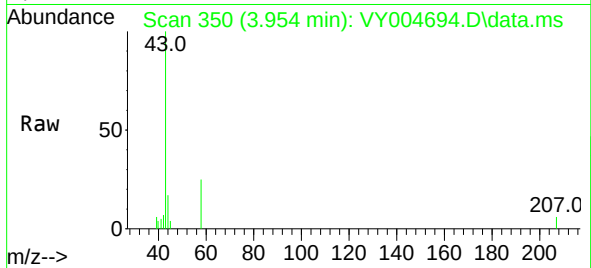




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

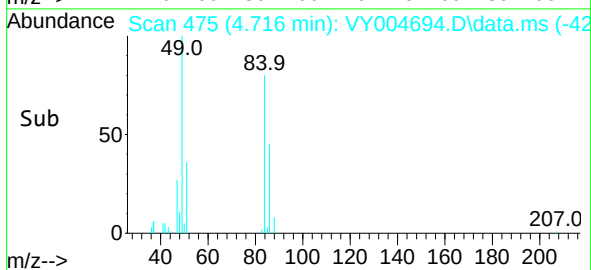
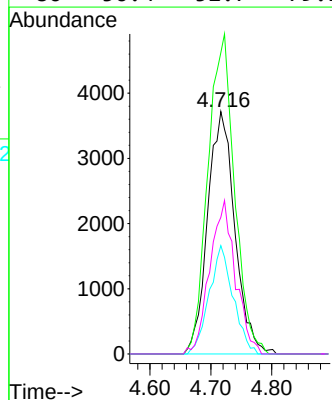
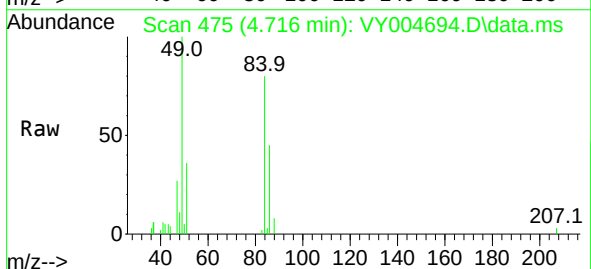
Instrument :
MSVOA_Y
ClientSampled :

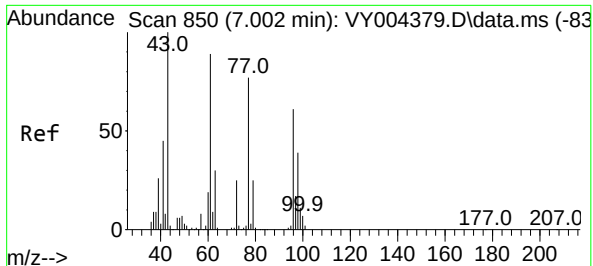
Tgt Ion: 43 Resp: 3793
Ion Ratio Lower Upper
43 100
58 25.3 24.6 37.0



#20
Methylene Chloride
Concen: 6.06 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 84 Resp: 11551
Ion Ratio Lower Upper
84 100
49 124.3 111.2 166.8
51 44.7 33.4 50.2
86 56.4 52.7 79.1

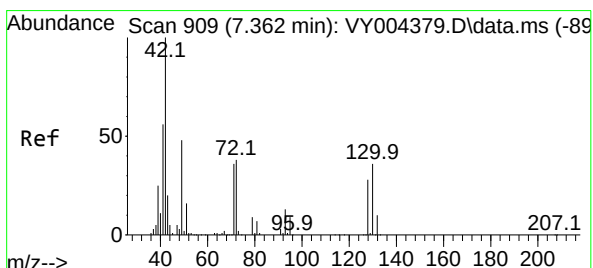
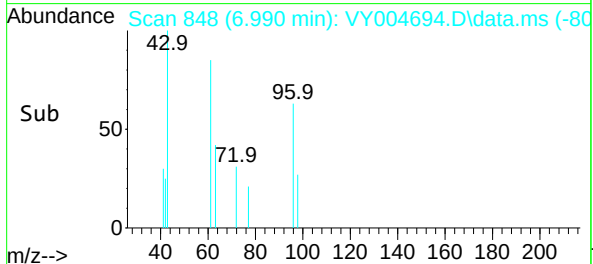
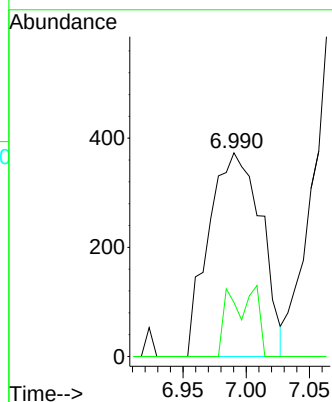
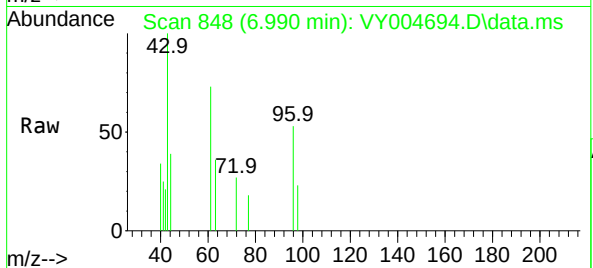




#25
2-Butanone
Concen: 1.43 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

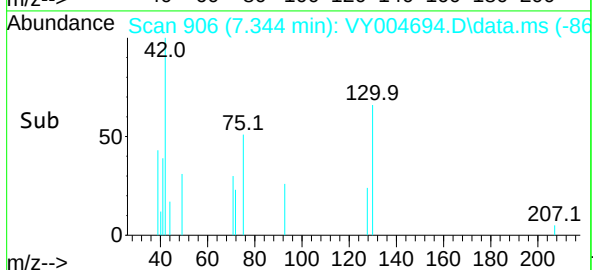
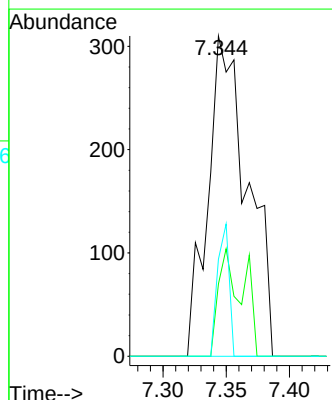
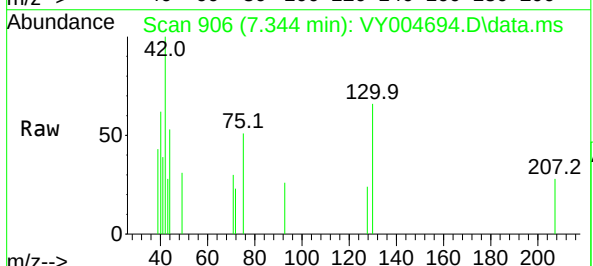
Instrument :
MSVOA_Y
ClientSampled :

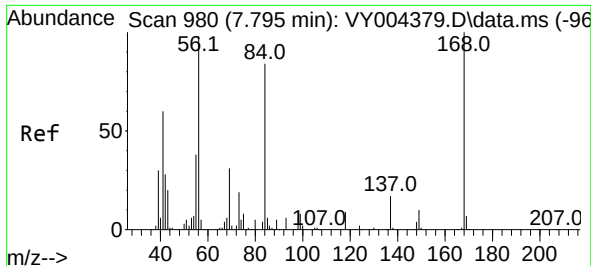
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.2



#29
Tetrahydrofuran
Concen: 1.26 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.018 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

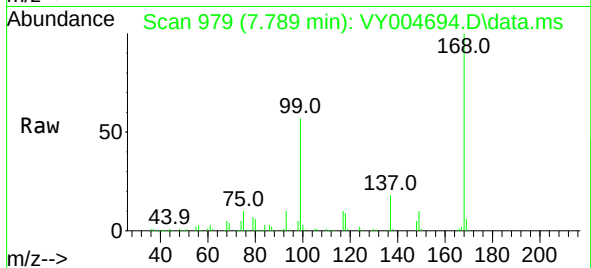
Tgt Ion: 42 Resp: 676
Ion Ratio Lower Upper
42 100
72 20.6 31.0 46.4#
71 12.0 28.8 43.2#



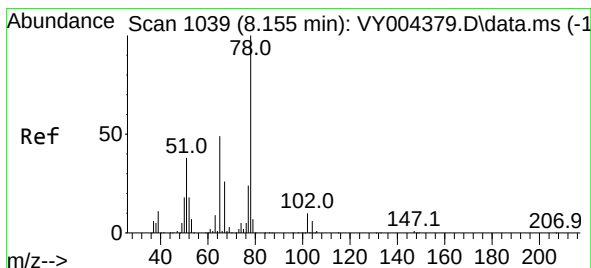
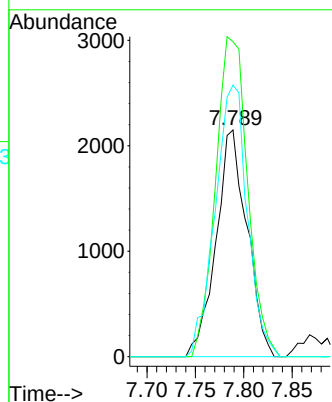
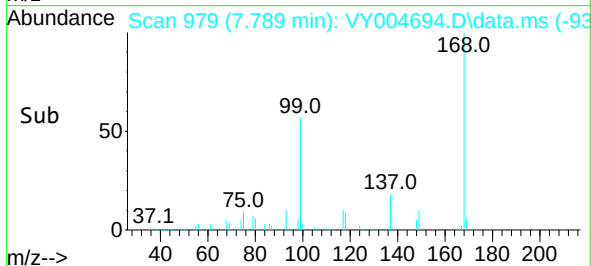


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

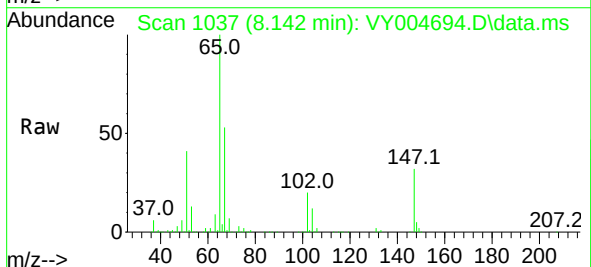
Instrument :
MSVOA_Y
ClientSampled :



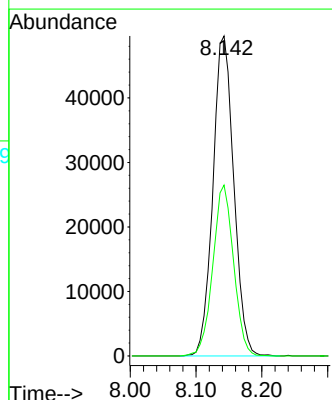
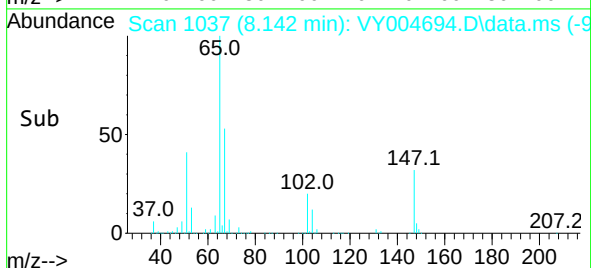
Tgt Ion: 56 Resp: 4772
Ion Ratio Lower Upper
56 100
69 139.0 25.8 38.6#
84 119.8 68.2 102.4#

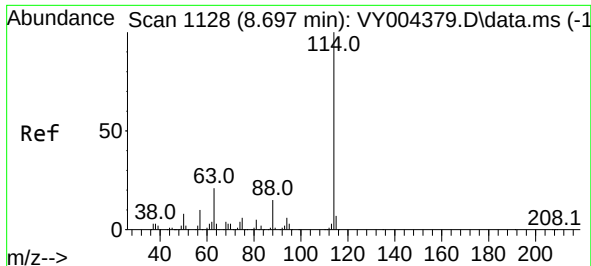


#33
1,2-Dichloroethane-d4
Concen: 55.48 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53



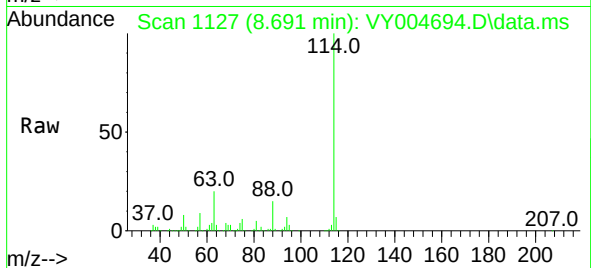
Tgt Ion: 65 Resp: 109467
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.4



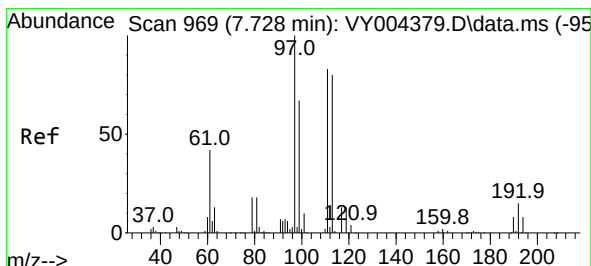
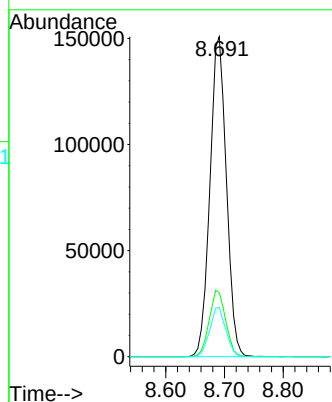
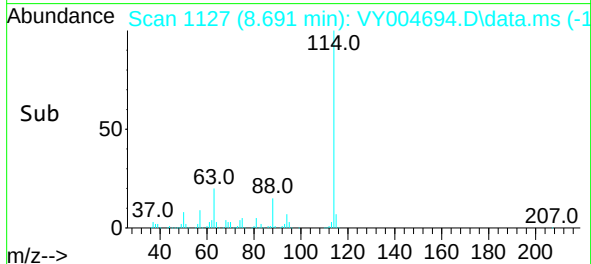


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

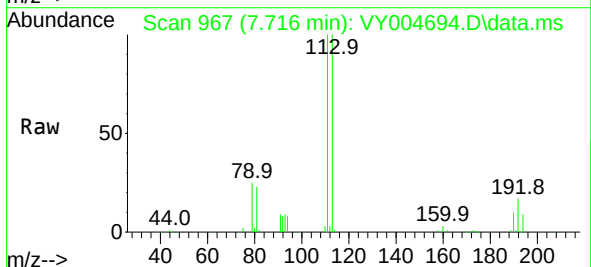
Instrument :
MSVOA_Y
ClientSampled :



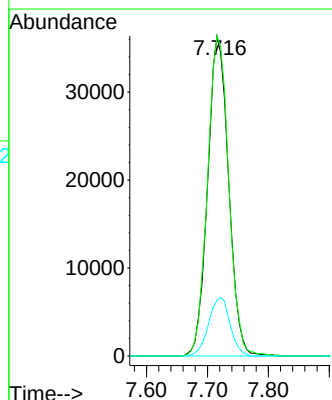
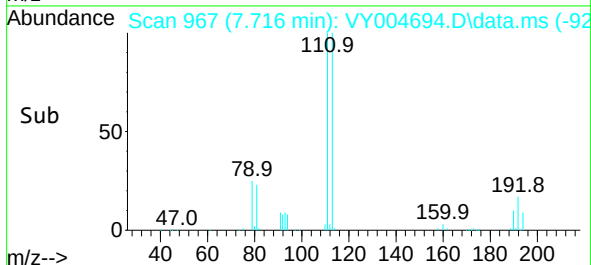
Tgt Ion:114 Resp: 292976
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.4 0.0 30.8

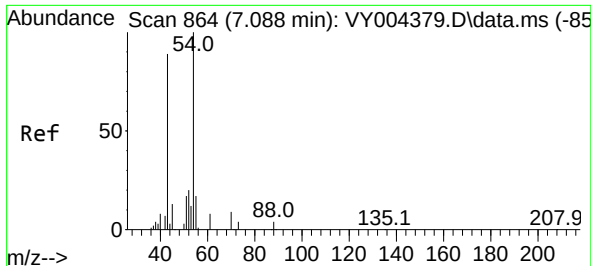


#35
Dibromofluoromethane
Concen: 53.36 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53



Tgt Ion:113 Resp: 86753
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 18.7 16.1 24.1





#37

Ethyl Acetate

Concen: 1.20 ug/l

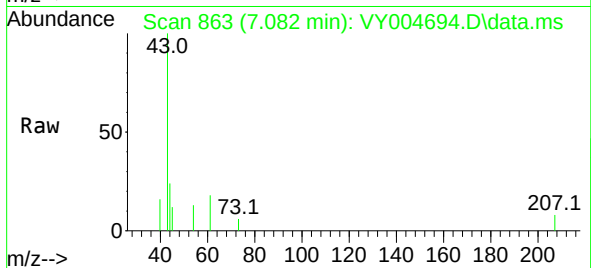
RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

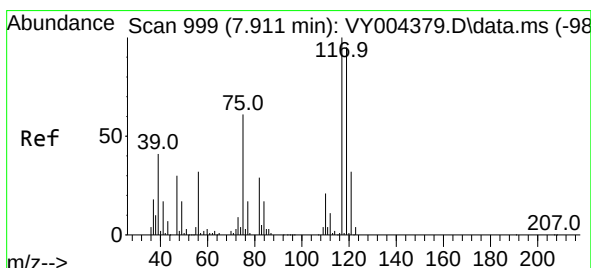
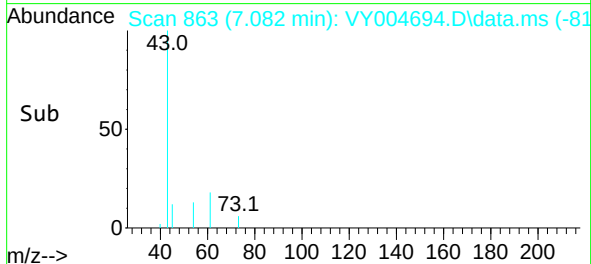
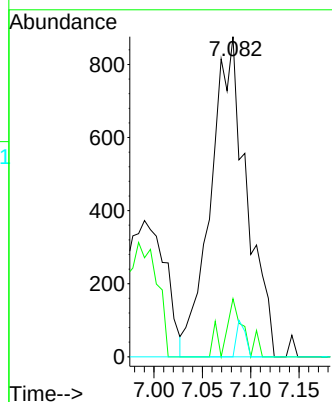
Lab File: VY004694.D

Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	43	Resp:	2245
Ion	Ratio	Lower	Upper
43	100		
61	9.5	10.4	15.6#
70	2.8	7.5	11.3#



#38

Carbon Tetrachloride

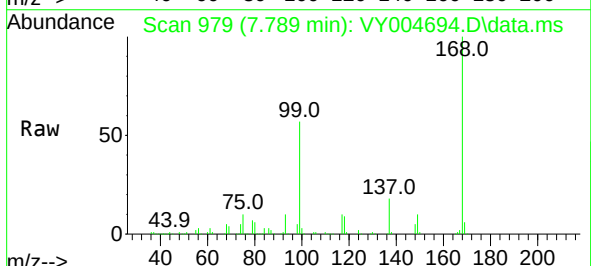
Concen: 7.28 ug/l

RT: 7.789 min Scan# 979

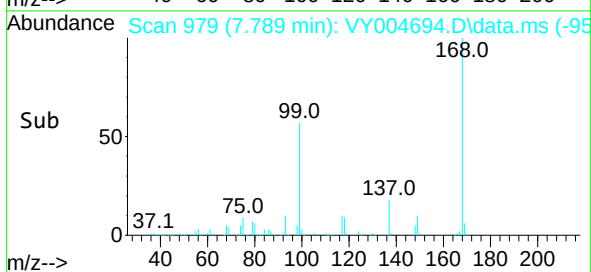
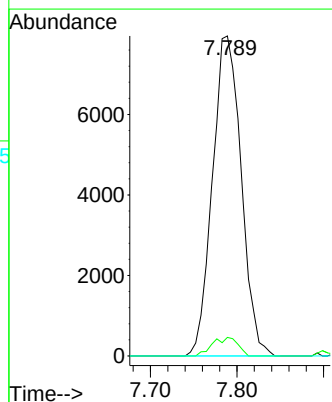
Delta R.T. -0.122 min

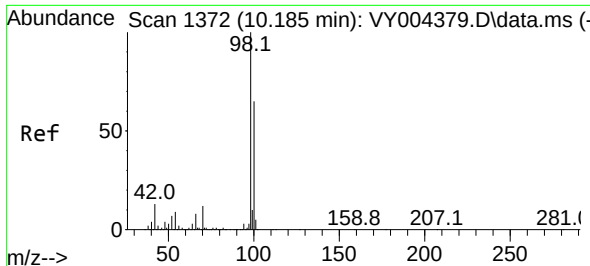
Lab File: VY004694.D

Acq: 03 May 2021 15:53



Tgt Ion:	117	Resp:	18316
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.8	113.8#
121	0.0	25.3	37.9#

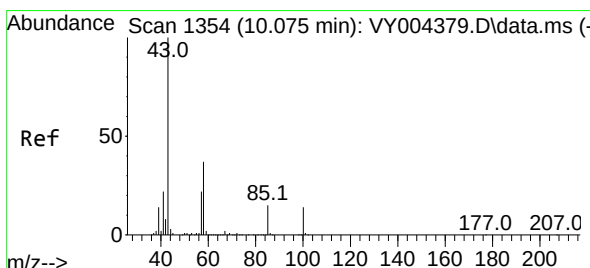
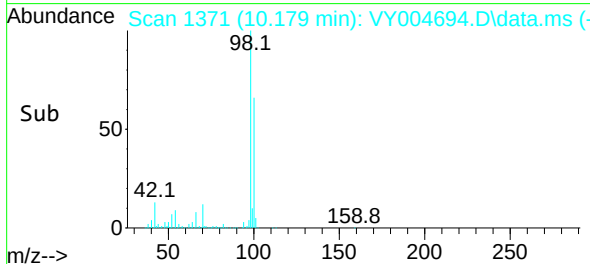
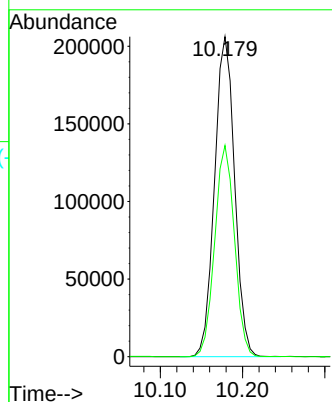
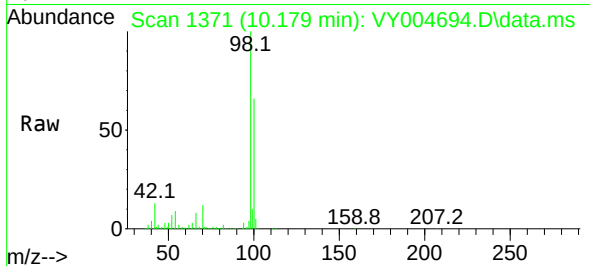




#50
Toluene-d8
Concen: 50.49 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

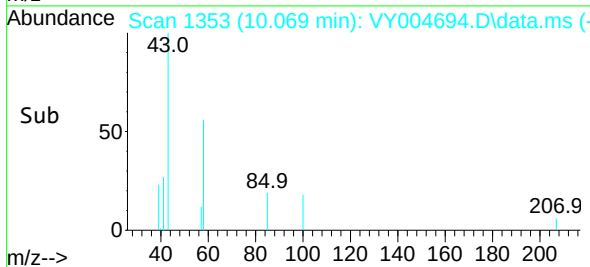
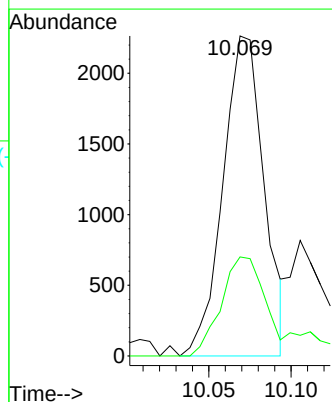
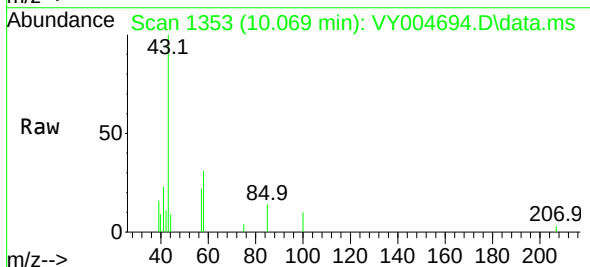
Instrument :
MSVOA_Y
ClientSampleId :

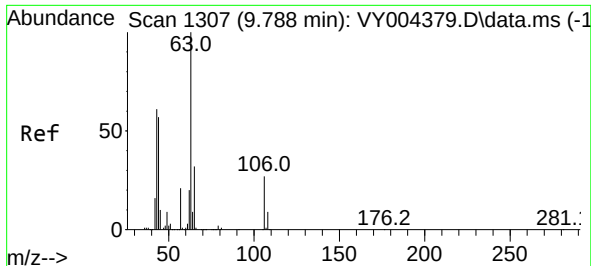
Tgt Ion: 98 Resp: 349187
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 2.16 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
58 35.4 29.2 43.8

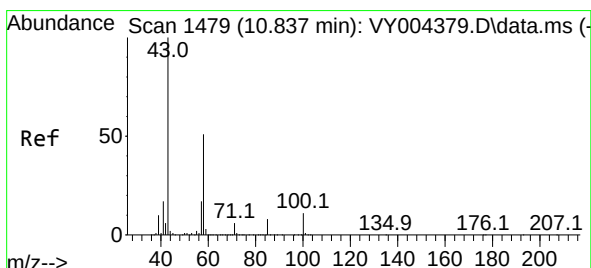
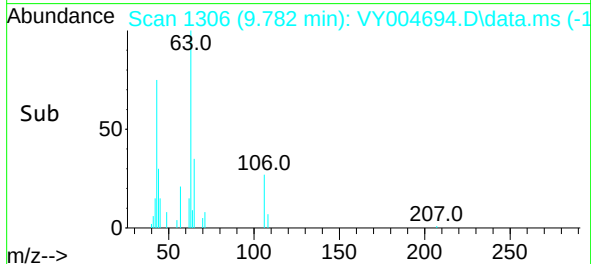
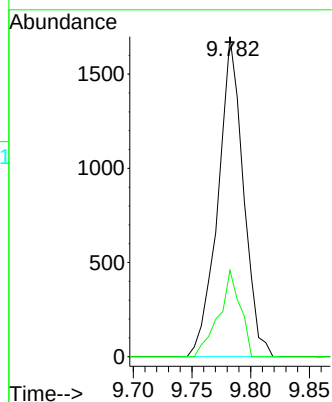
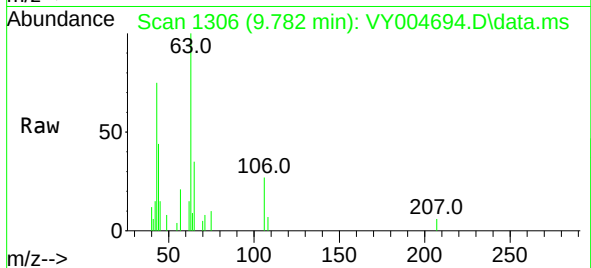




#58
2-Chloroethyl Vinyl ether
Concen: 2.17 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

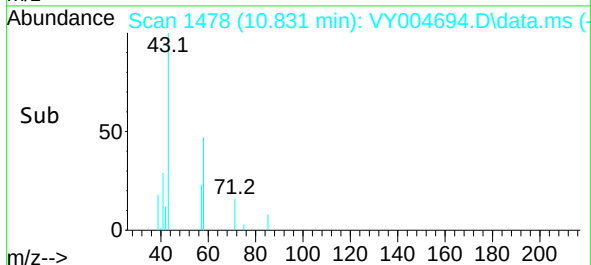
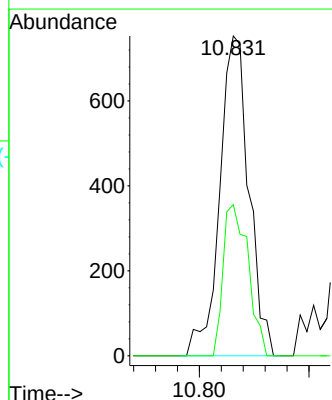
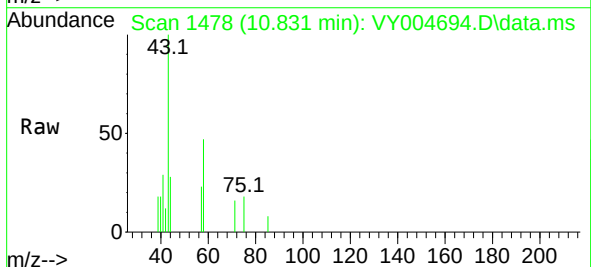
Instrument :
MSVOA_Y
ClientSampled :

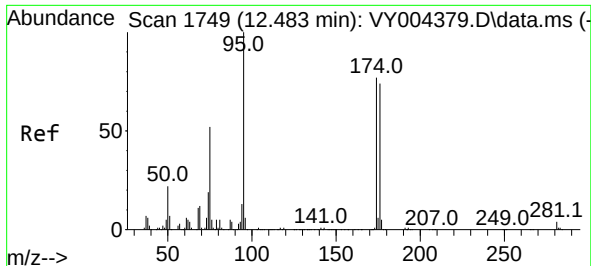
Tgt Ion: 63 Resp: 2548
Ion Ratio Lower Upper
63 100
106 22.8 21.7 32.5



#59
2-Hexanone
Concen: 1.14 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 40.4 25.4 76.4

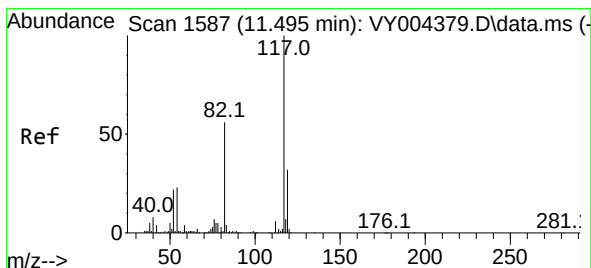
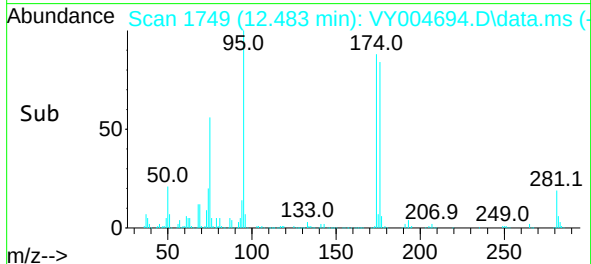
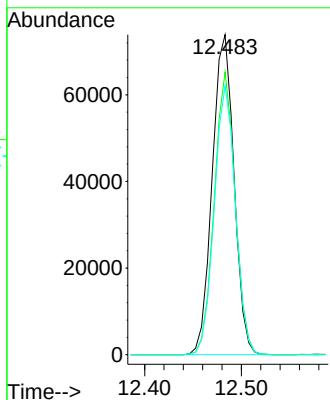
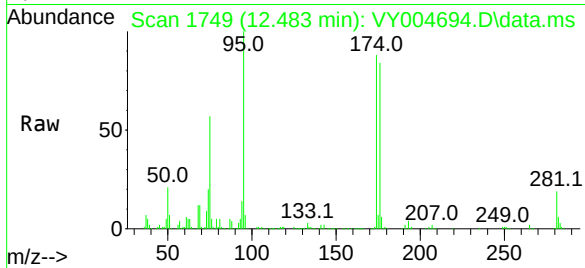




#62
4-Bromofluorobenzene
Concen: 49.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

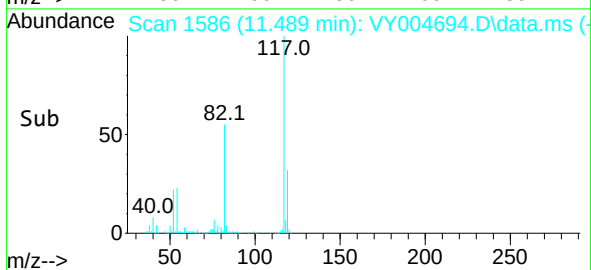
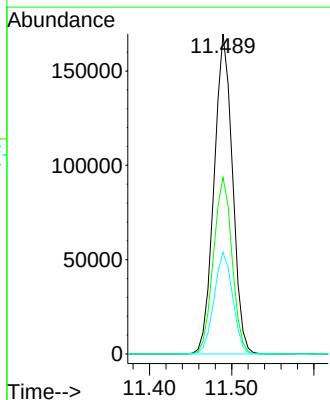
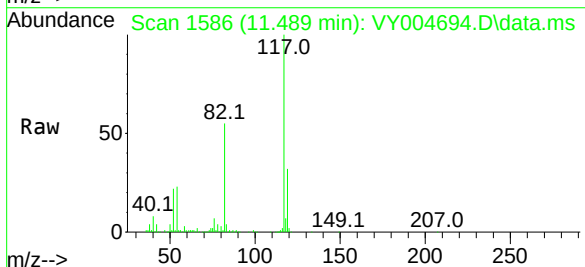
Instrument :
MSVOA_Y
ClientSampled :

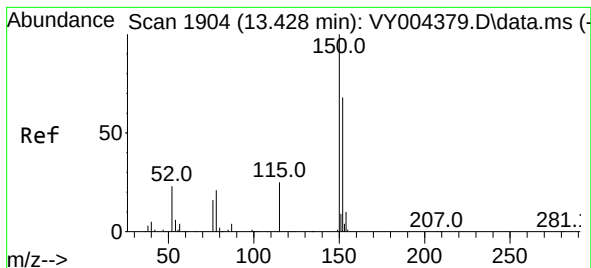
Tgt Ion: 95 Resp: 115190
Ion Ratio Lower Upper
95 100
174 84.9 0.0 162.4
176 81.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 117 Resp: 264349
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 31.7 25.4 38.0

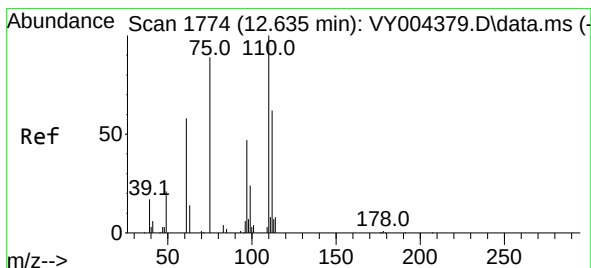
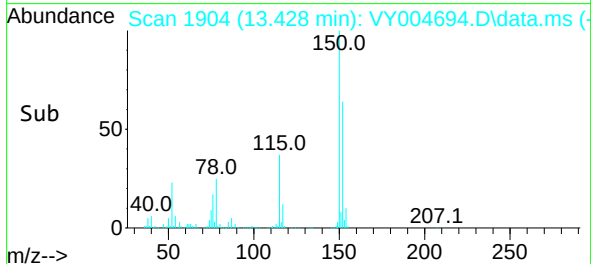
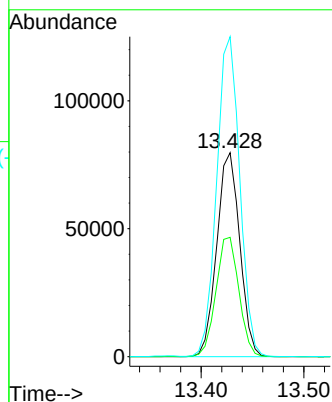
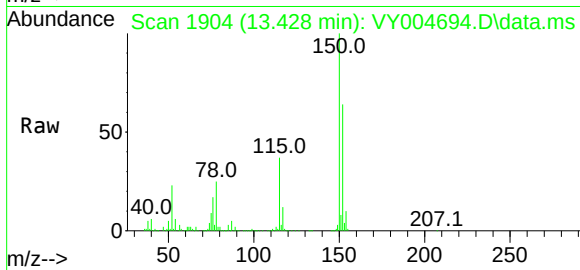




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004694.D
 Acq: 03 May 2021 15:53

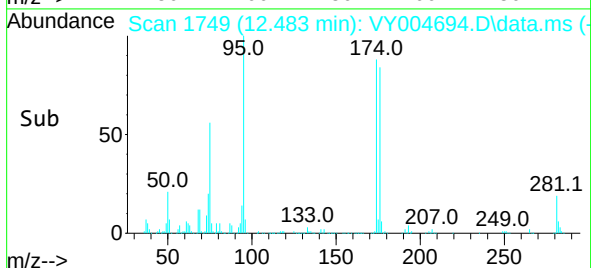
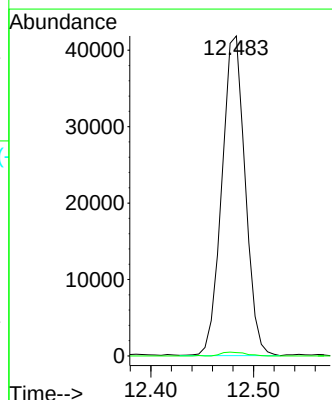
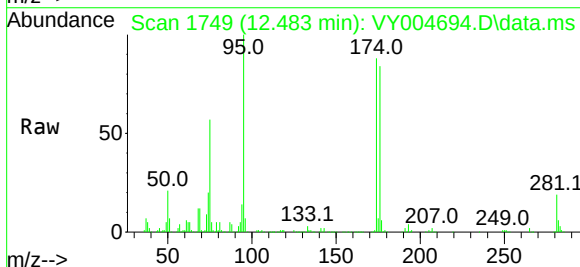
Instrument :
 MSVOA_Y
 ClientSampled :

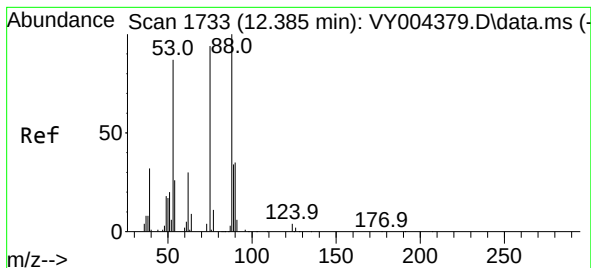
Tgt Ion:152 Resp: 123687
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.6 88.8
 150 157.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 49.56 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004694.D
 Acq: 03 May 2021 15:53

Tgt Ion: 75 Resp: 65788
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

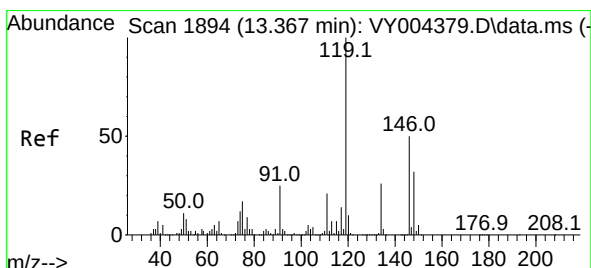
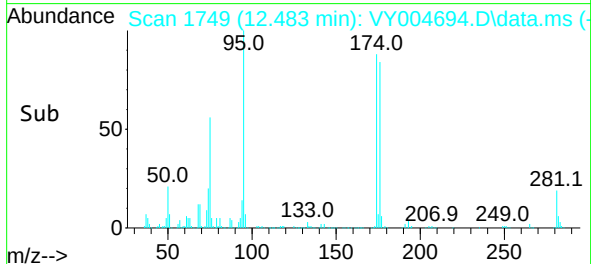
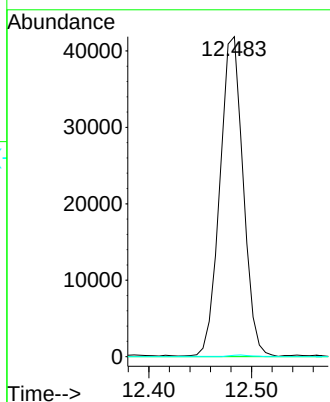
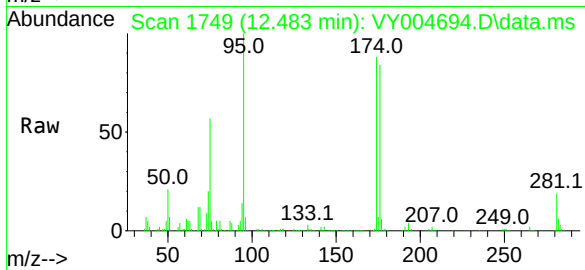




#81
trans-1,4-Dichloro-2-butene
Concen: 88.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

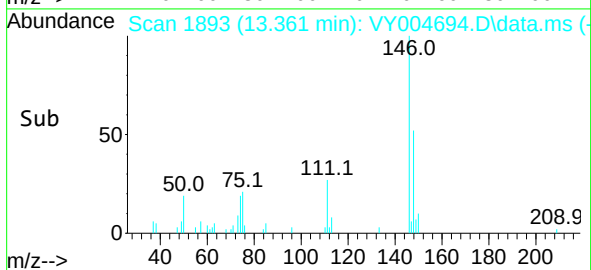
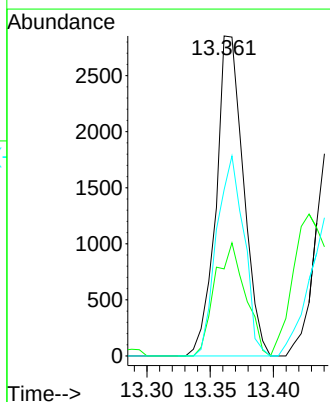
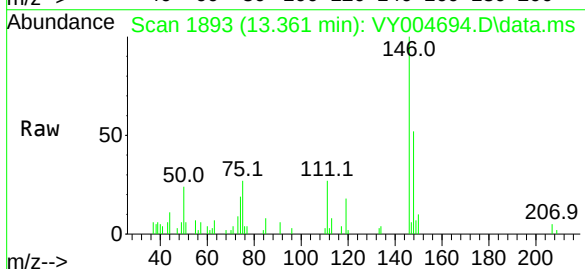
Instrument :
MSVOA_Y
ClientSampleId :

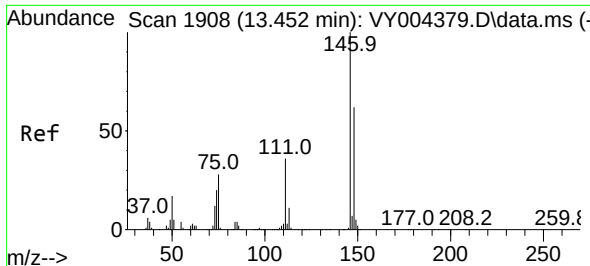
Tgt Ion: 75 Resp: 65788
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.4 36.1 54.1#



#87
1,3-Dichlorobenzene
Concen: 1.07 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 146 Resp: 4293
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.2
148 62.4 32.1 96.5

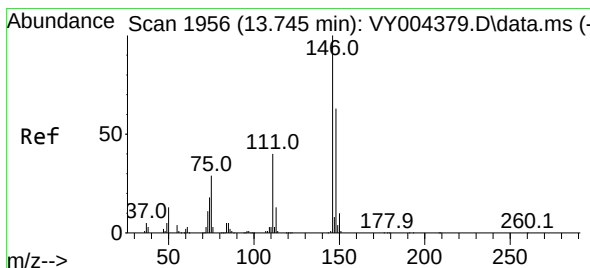
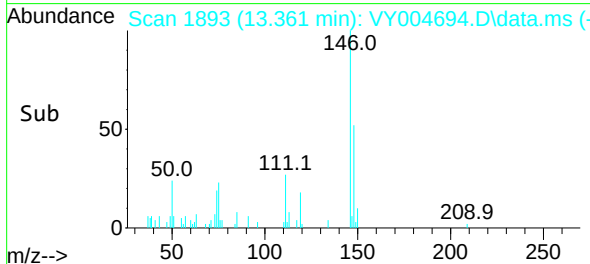
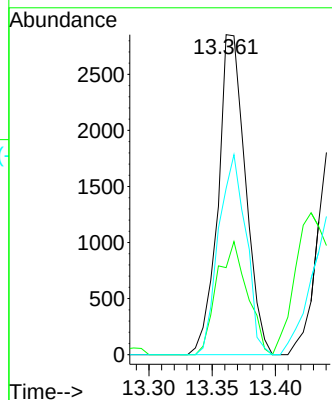
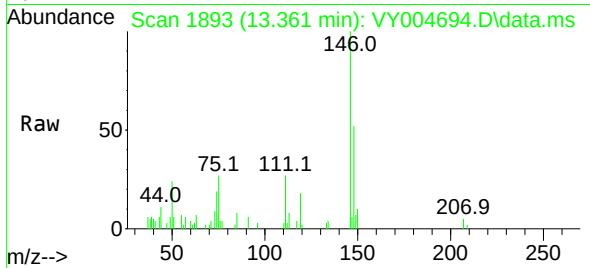




#88
1,4-Dichlorobenzene
Concen: 1.07 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.091 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	146	Resp:	4293
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.6	58.8
148	62.4	31.9	95.5



#91
1,2-Dichlorobenzene
Concen: 1.10 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion:	146	Resp:	3898
Ion Ratio	Lower	Upper	
146	100		
111	43.7	20.9	62.7
148	67.8	31.9	95.5

