

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004714.D
 Acq On : 04 May 2021 14:45
 Operator : SY/MD
 Sample : M2253-02
 Misc : 6.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:34:14 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)

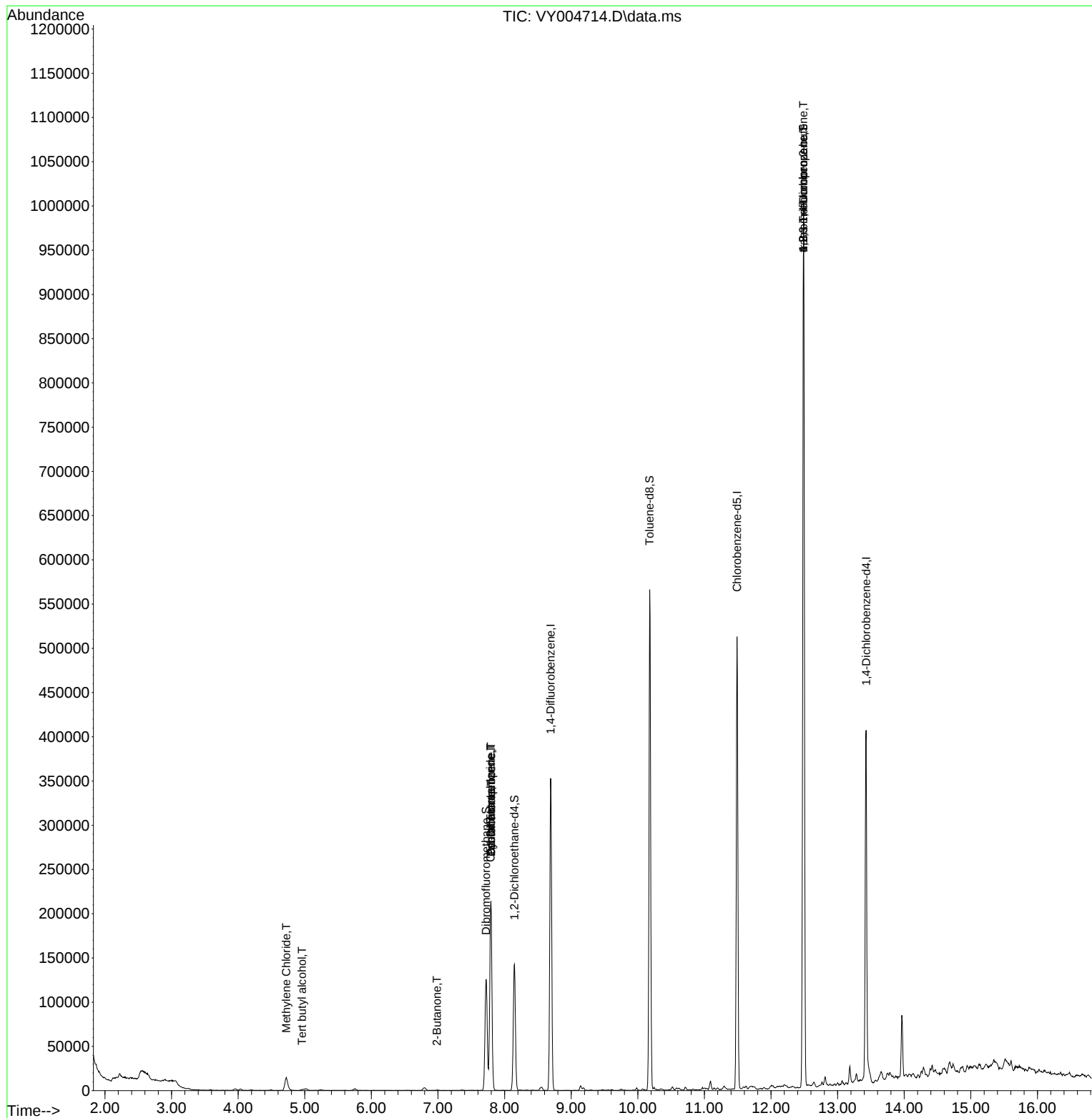
Internal Standards						
1) Pentafluorobenzene	7.795	168	162407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112220	62.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.38%
35) Dibromofluoromethane	7.722	113	86594	54.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.26%
50) Toluene-d8	10.179	98	347434	51.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.06%
62) 4-Bromofluorobenzene	12.483	95	113759	49.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.44%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	2027	11.40	ug/l #	76
16) Acetone	3.960	43	3050	Below	Cal	91
20) Methylene Chloride	4.722	84	10150	5.82	ug/l	95
25) 2-Butanone	6.984	43	877	1.28	ug/l #	50
31) Cyclohexane	7.795	56	4889	1.48	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	13242	4.67	ug/l #	51
38) Carbon Tetrachloride	7.789	117	16237	6.62	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	69985	67.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69985	120.69	ug/l #	14

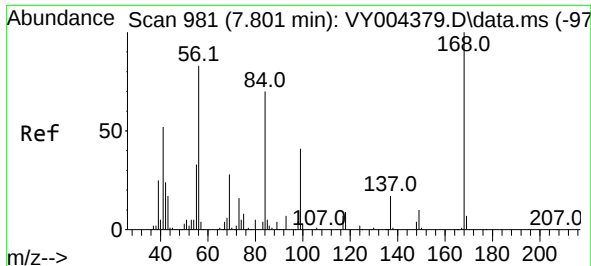
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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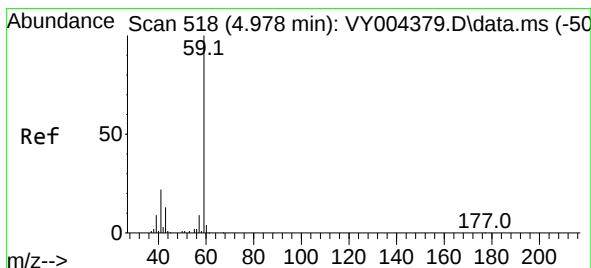
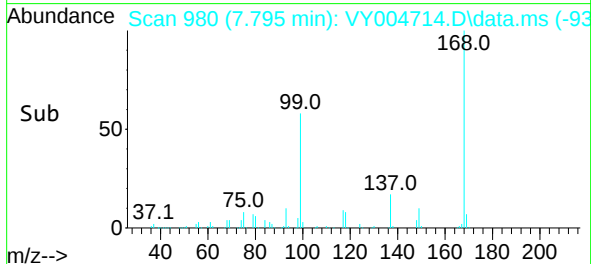
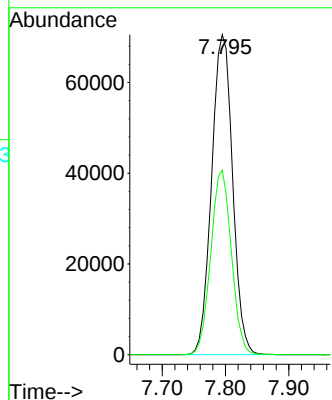
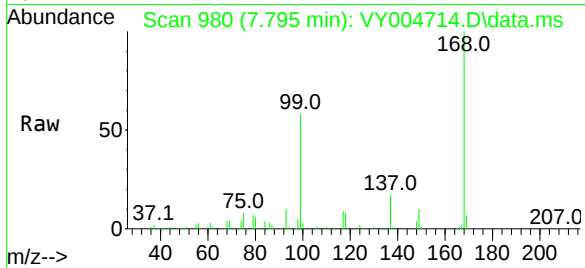




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

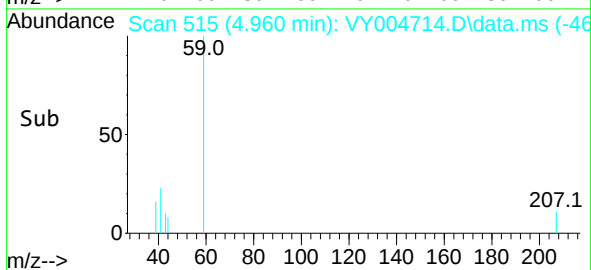
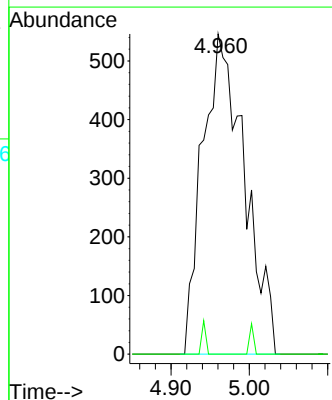
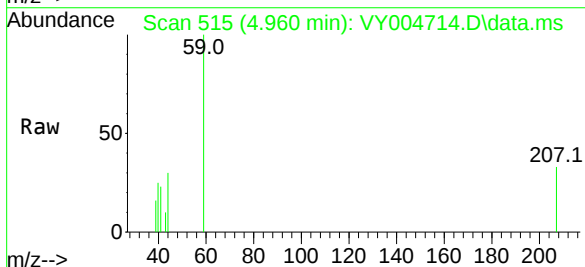
Instrument :
MSVOA_Y
ClientSampleId :

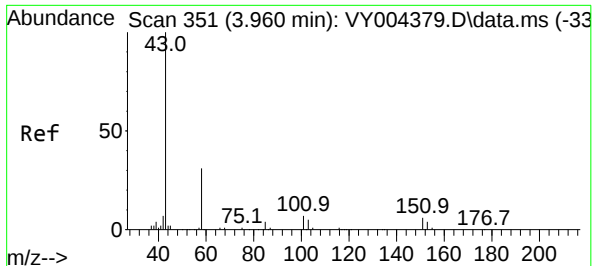
Tgt Ion:168 Resp: 162407
Ion Ratio Lower Upper
168 100
99 57.6 45.5 68.3



#11
Tert butyl alcohol
Concen: 11.40 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 59 Resp: 2027
Ion Ratio Lower Upper
59 100
57 1.0 8.1 12.1#

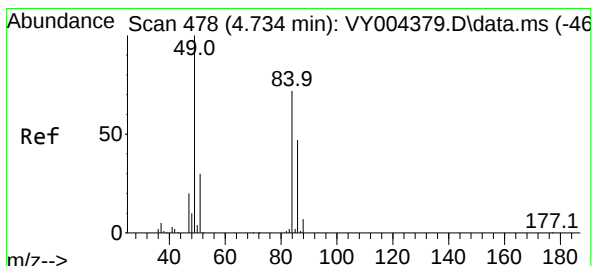
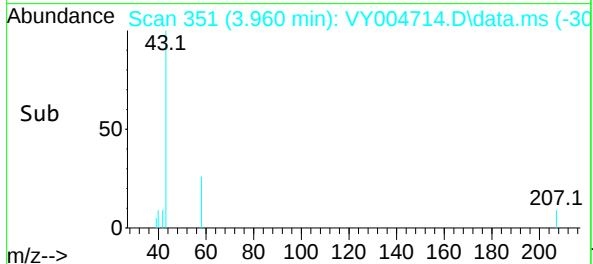
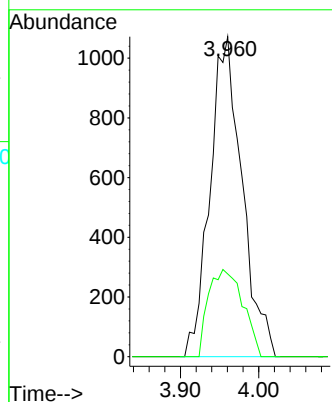
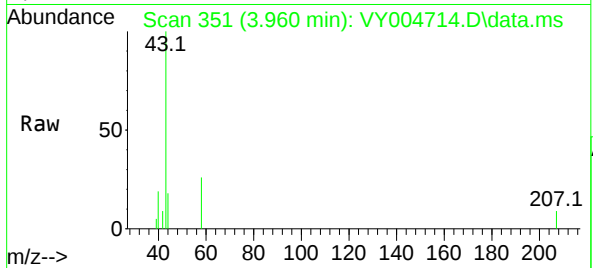




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

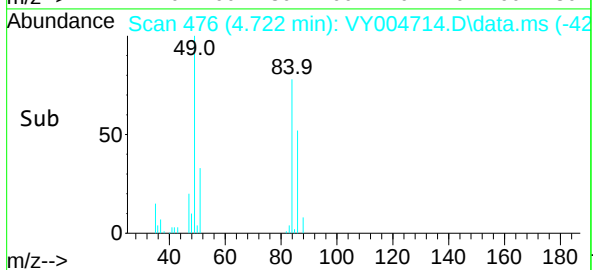
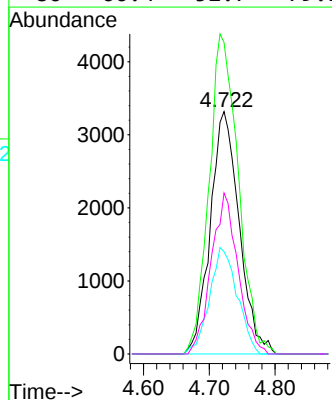
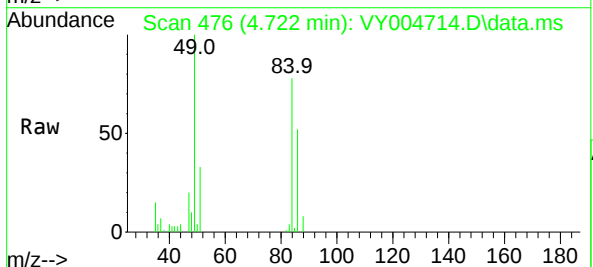
Instrument :
MSVOA_Y
ClientSampled :

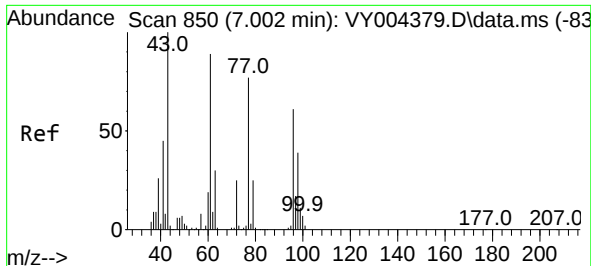
Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 25.8 24.6 37.0



#20
Methylene Chloride
Concen: 5.82 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 84 Resp: 10150
Ion Ratio Lower Upper
84 100
49 128.5 111.2 166.8
51 42.2 33.4 50.2
86 66.4 52.7 79.1

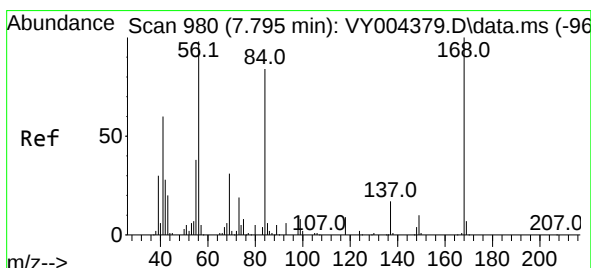
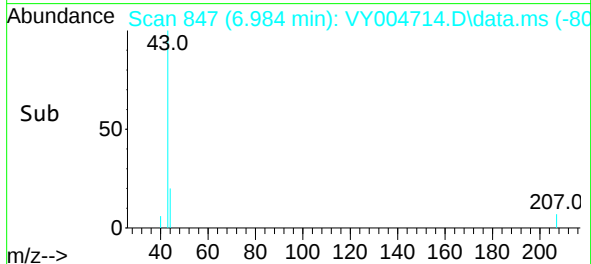
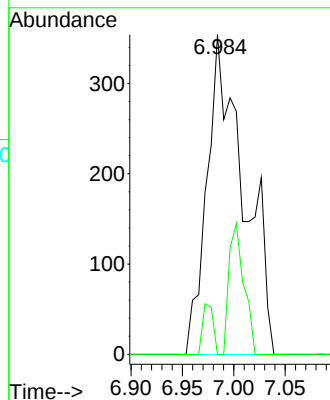
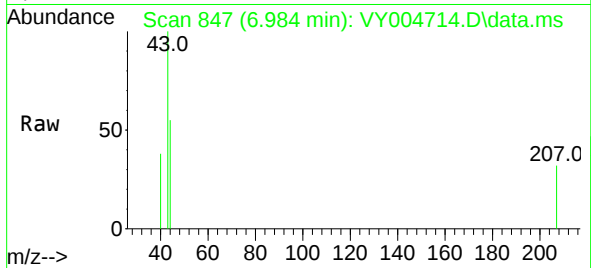




#25
2-Butanone
Concen: 1.28 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

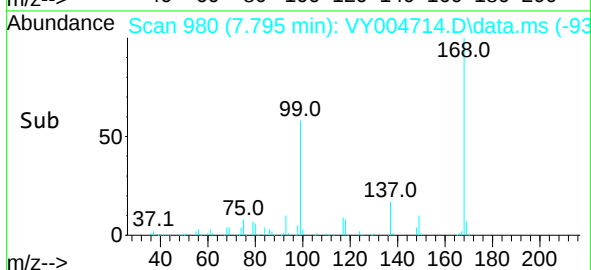
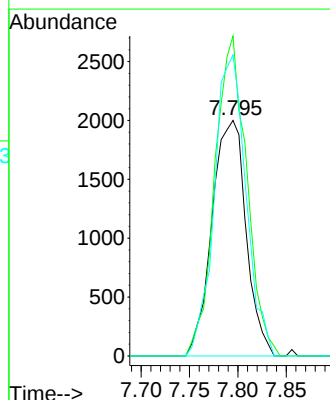
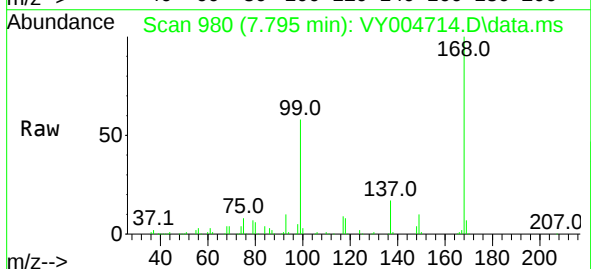
Instrument :
MSVOA_Y
ClientSampled :

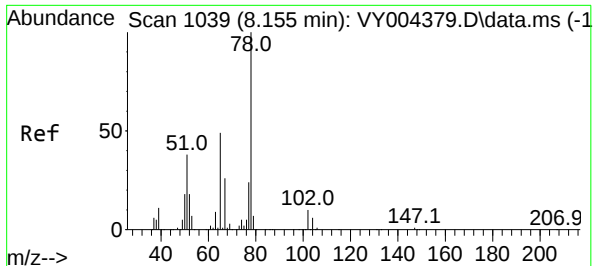
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 56 Resp: 4889
Ion Ratio Lower Upper
56 100
69 135.8 25.8 38.6#
84 127.8 68.2 102.4#





#33

1,2-Dichloroethane-d4

Concen: 62.19 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004714.D

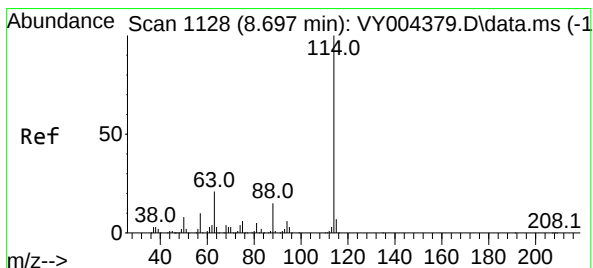
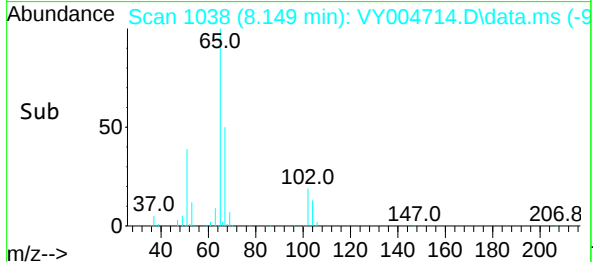
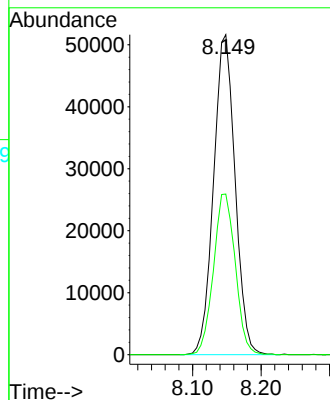
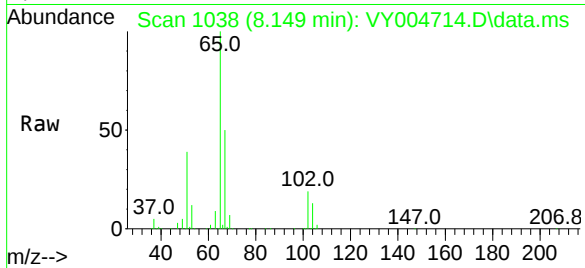
Acq: 04 May 2021 14:45

Tgt Ion: 65 Resp: 112220

Ion Ratio Lower Upper

65 100

67 51.0 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: VY004714.D

Acq: 04 May 2021 14:45

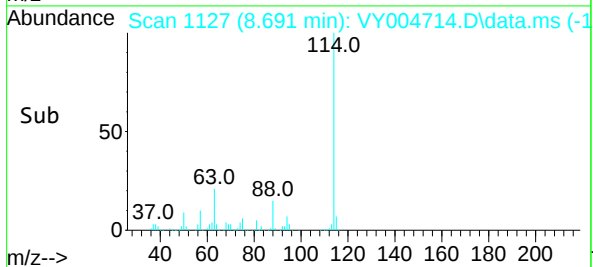
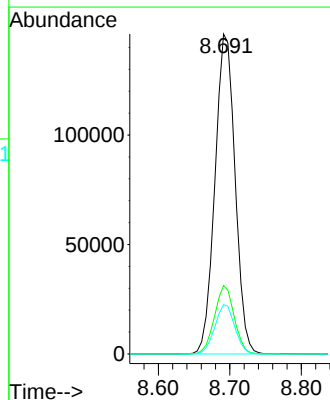
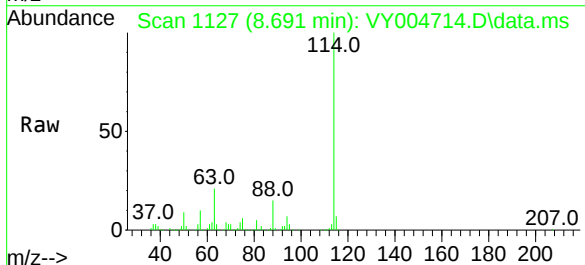
Tgt Ion: 114 Resp: 285627

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 15.4 0.0 30.8

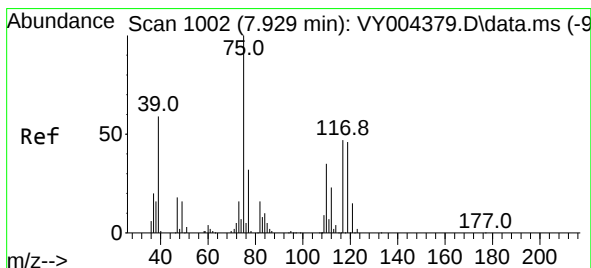
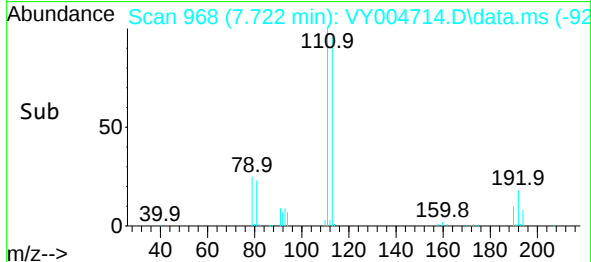
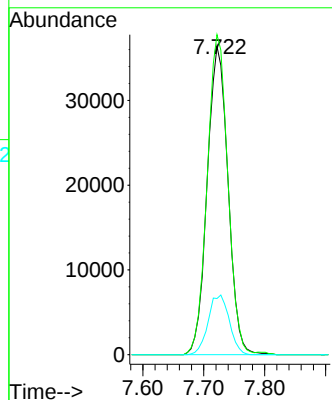
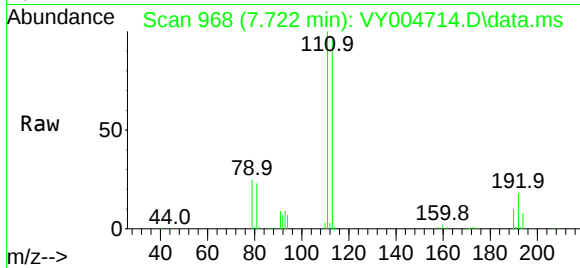




#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

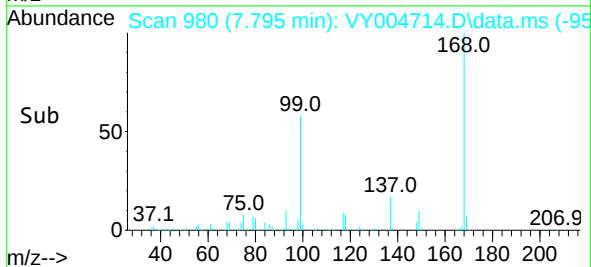
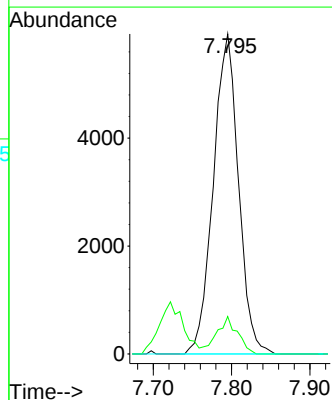
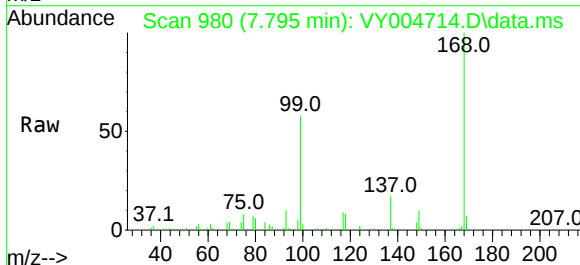
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 86594
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

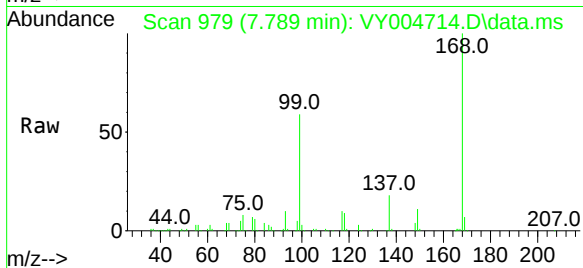
Tgt Ion: 75 Resp: 13242
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.7#
77 0.0 24.3 36.5#



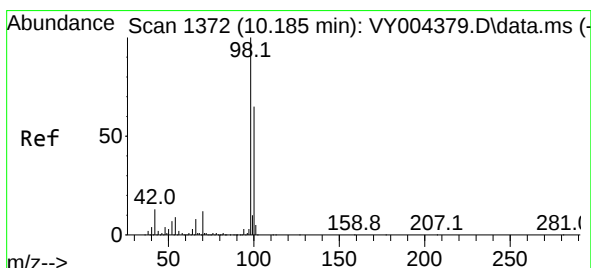
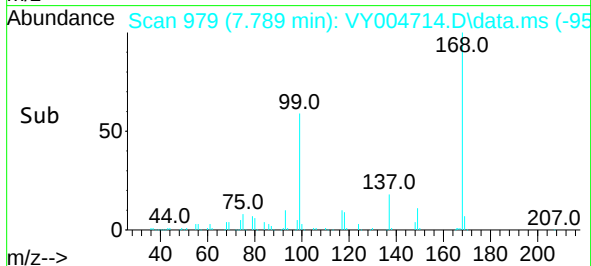
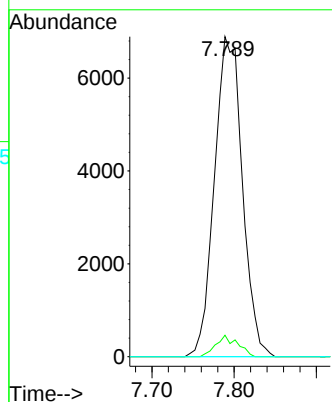


#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

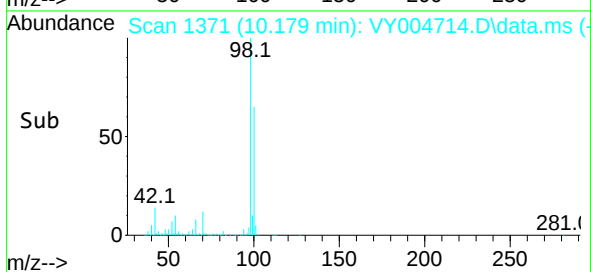
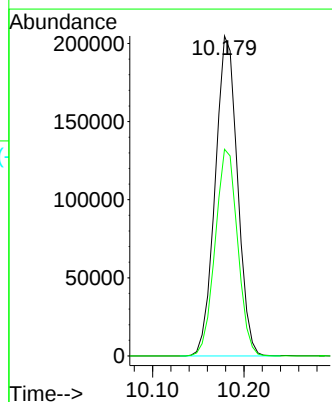
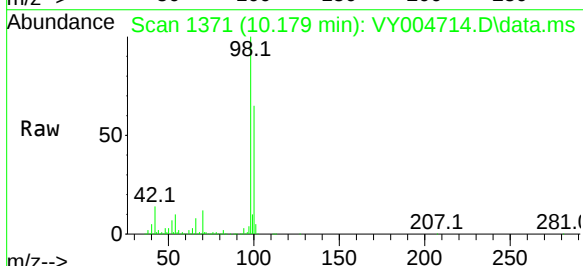


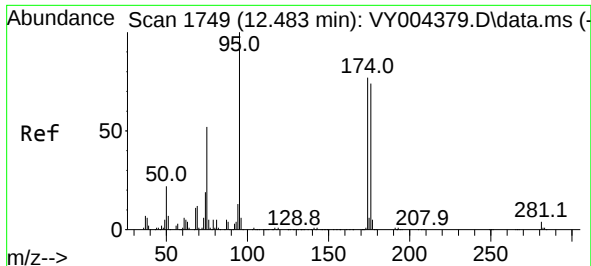
Tgt Ion:117 Resp: 16237
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 98 Resp: 347434
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

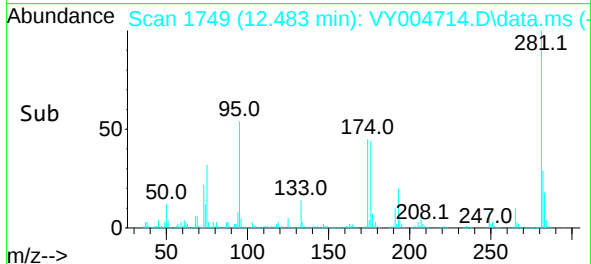
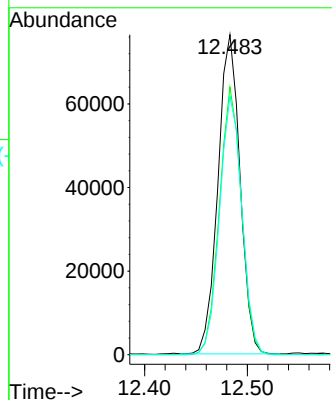
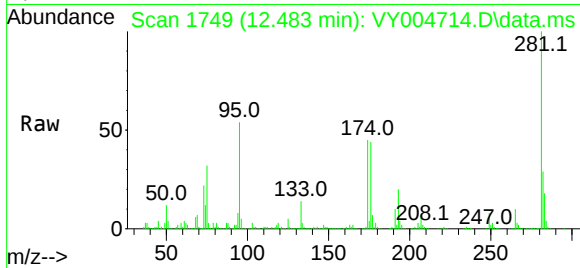




#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

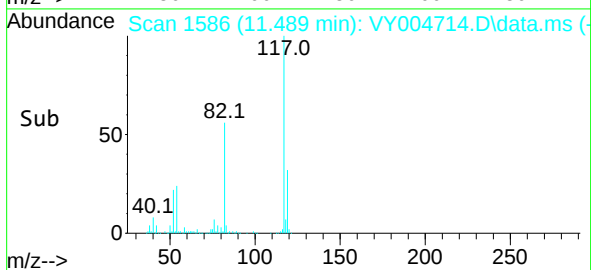
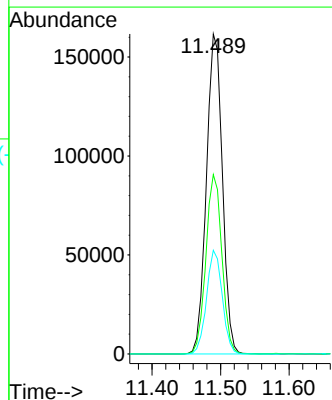
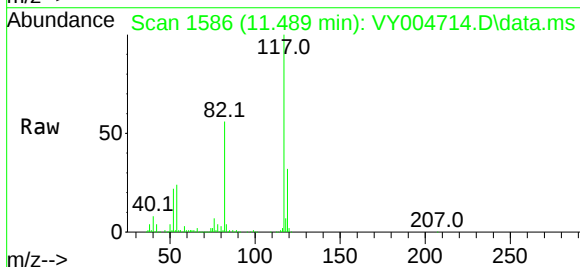
Instrument :
MSVOA_Y
ClientSampleId :

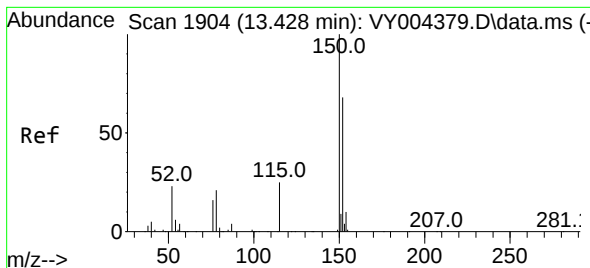
Tgt Ion: 95 Resp: 113759
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 82.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 117 Resp: 262495
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.4 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: VY004714.D

Acq: 04 May 2021 14:45

Tgt Ion:152 Resp: 96651

Ion Ratio Lower Upper

152 100

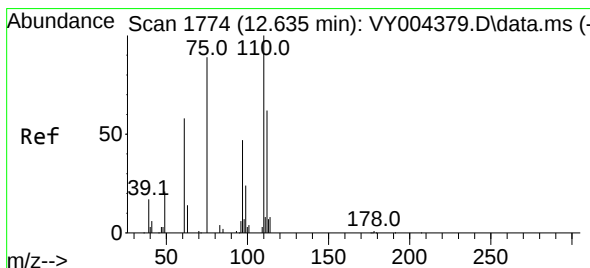
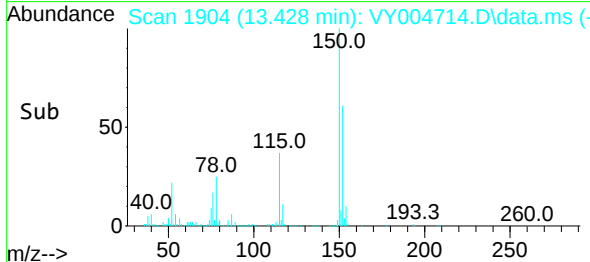
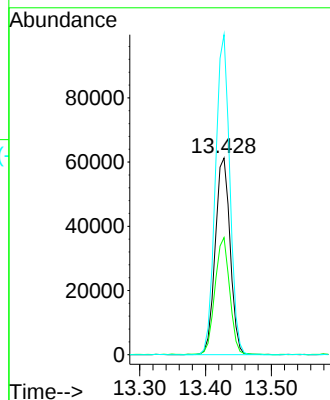
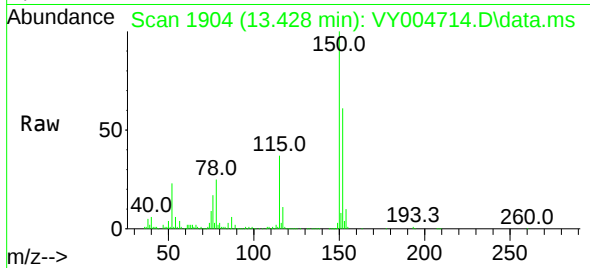
115 59.3 29.6 88.8

150 157.0 0.0 348.4

Instrument :

MSVOA_Y

ClientSampleId :



#76

1,2,3-Trichloropropane

Concen: 67.47 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY004714.D

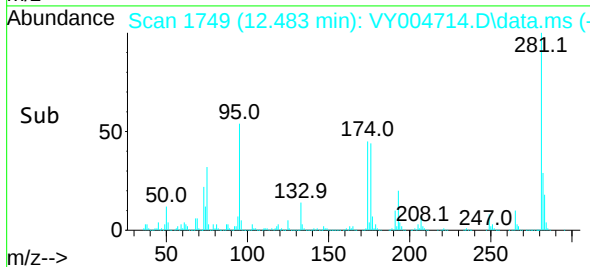
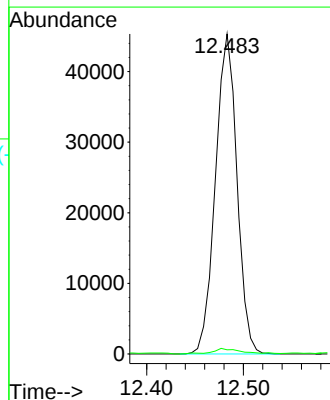
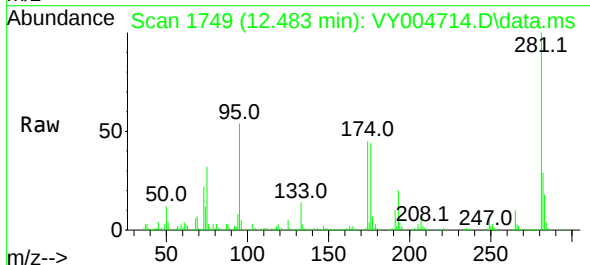
Acq: 04 May 2021 14:45

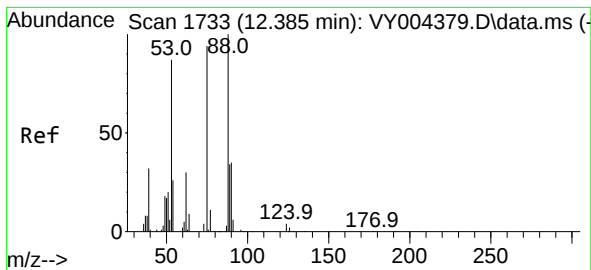
Tgt Ion: 75 Resp: 69985

Ion Ratio Lower Upper

75 100

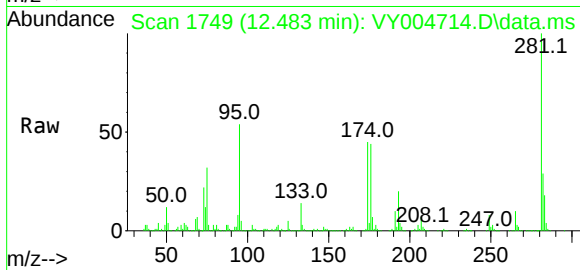
77 2.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 69985
Ion Ratio Lower Upper
75 100
53 0.4 75.0 112.6#
89 3.0 36.1 54.1#

