

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005785.D
 Acq On : 20 Aug 2021 11:47
 Operator : SY/MD
 Sample : VY0820SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:05:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

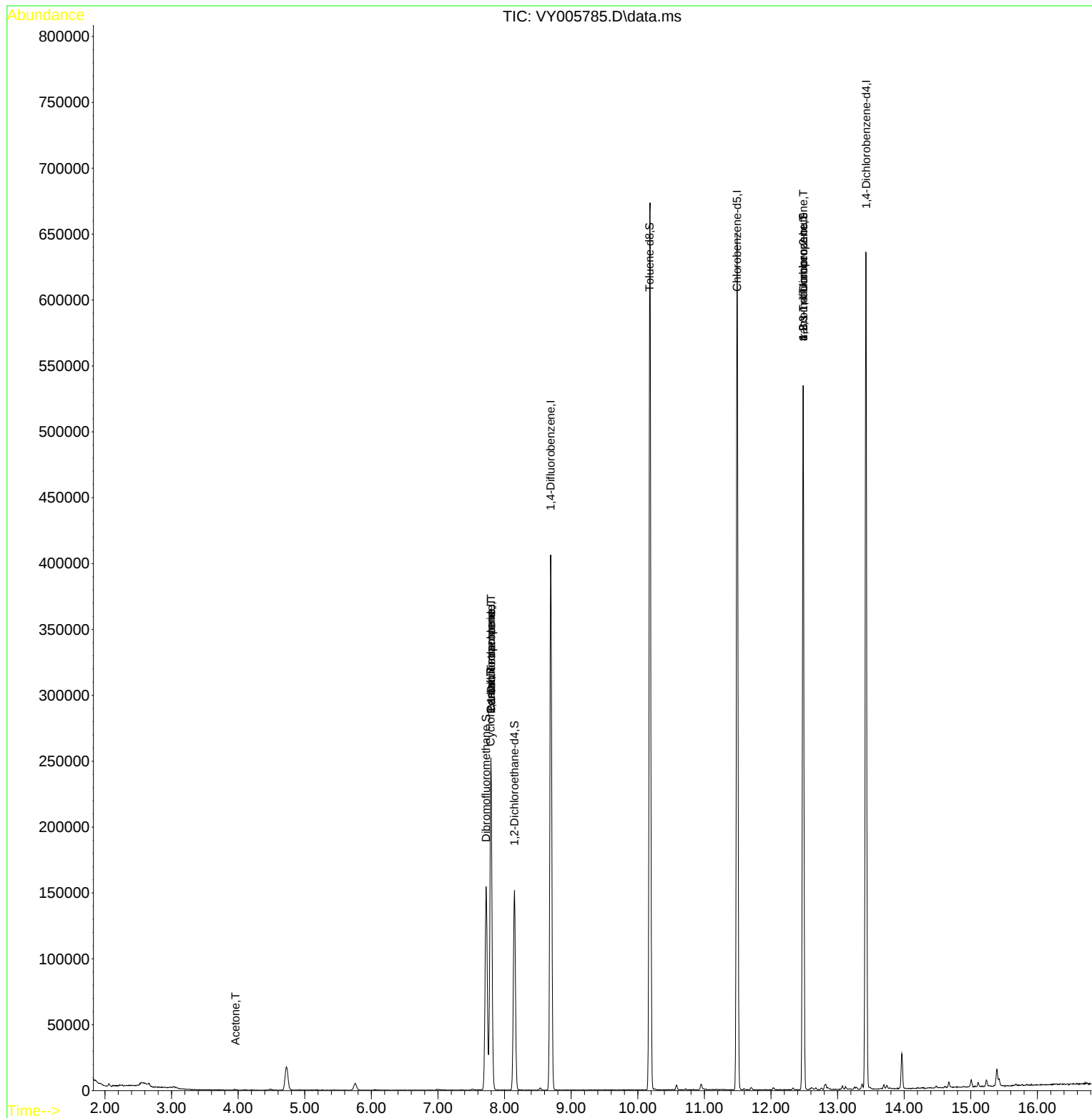
Internal Standards						
1) Pentafluorobenzene	7.795	168	201116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122839	60.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.680%	
35) Dibromofluoromethane	7.722	113	102496	53.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.100%	
50) Toluene-d8	10.179	98	438139	54.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	12.483	95	147641	55.544	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.080%	
Target Compounds						Qvalue
16) Acetone	3.961	43	908	1.769	ug/l	99
31) Cyclohexane	7.789	56	3812	1.092	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	13919	4.341	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17764	5.098	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80762	45.744	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80762	92.214	ug/l #	11

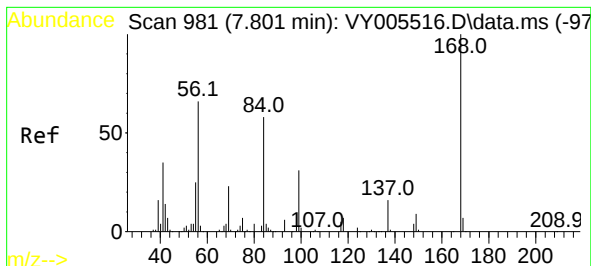
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005785.D

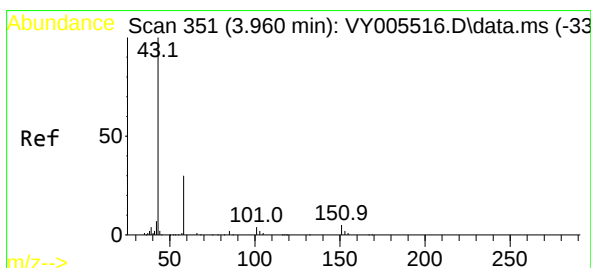
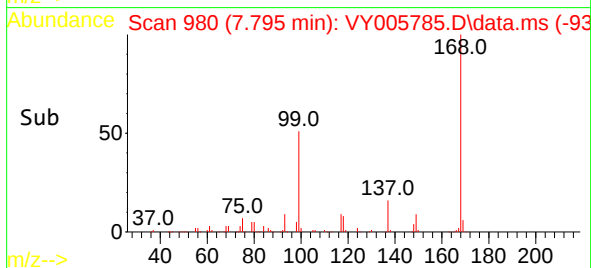
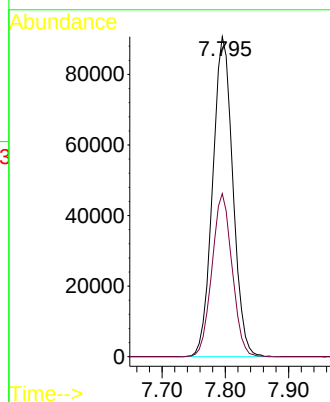
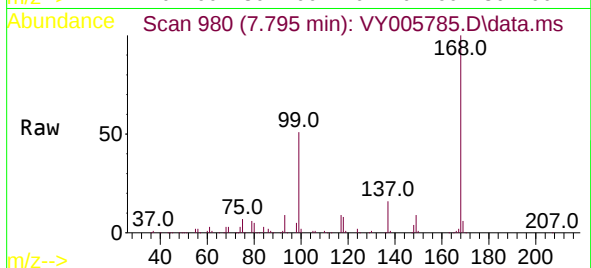
Acq: 20 Aug 2021 11:47

Tgt Ion:168 Resp: 201116

Ion Ratio Lower Upper

168 100

99 50.9 38.9 58.3



#16

Acetone

Concen: 1.769 ug/l

RT: 3.961 min Scan# 351

Delta R.T. 0.000 min

Lab File: VY005785.D

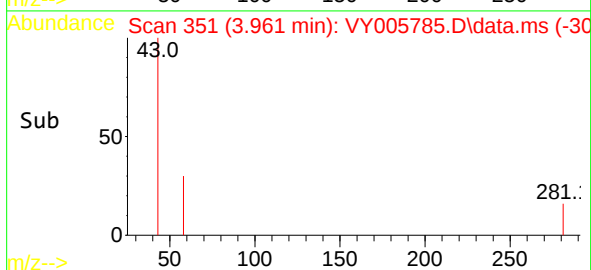
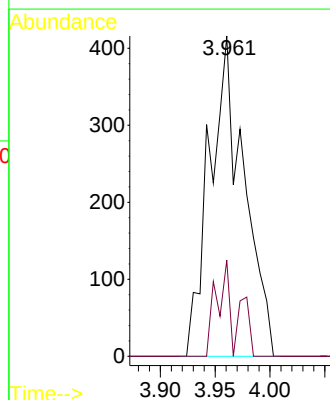
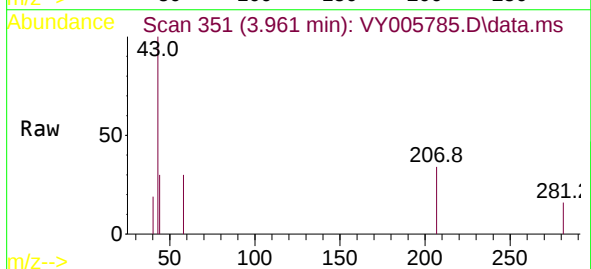
Acq: 20 Aug 2021 11:47

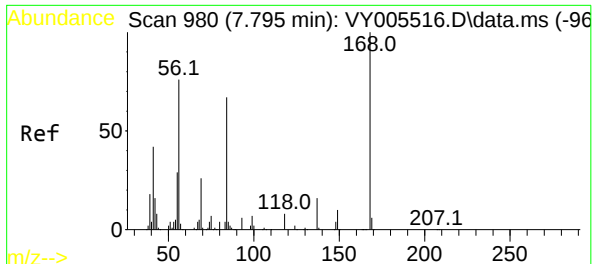
Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.6

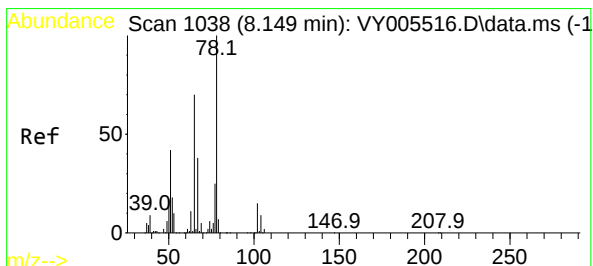
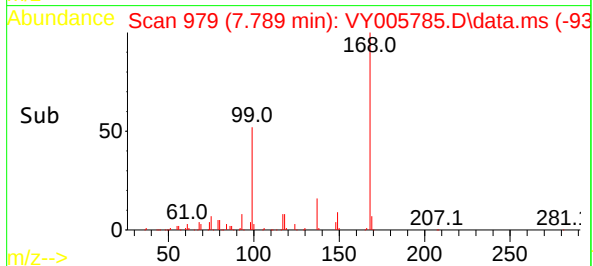
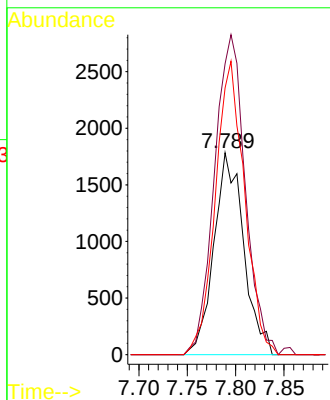
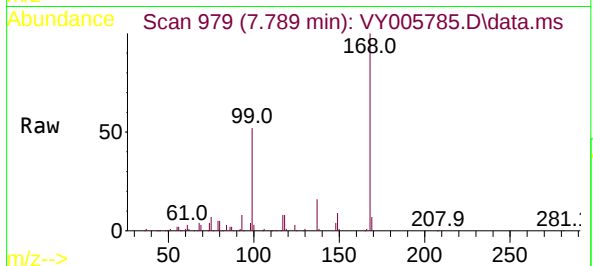




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

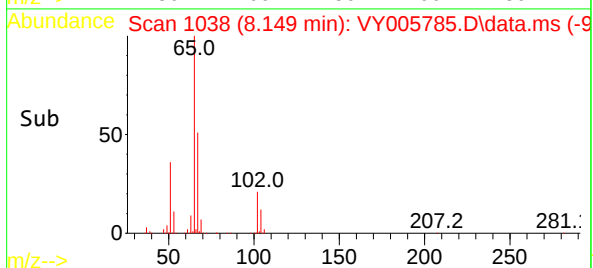
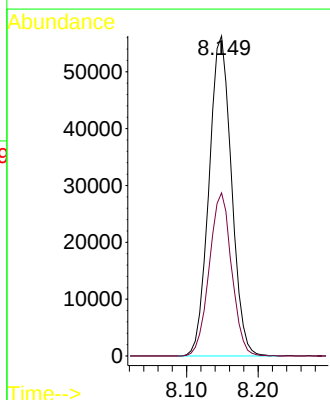
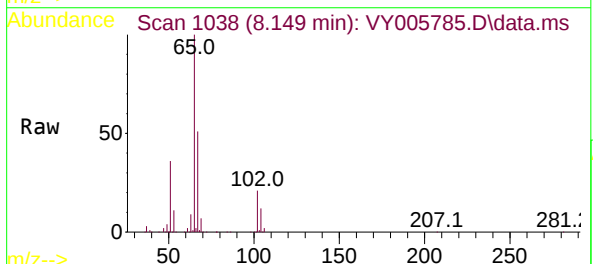
Instrument :
MSVOA_Y
ClientSampleId :

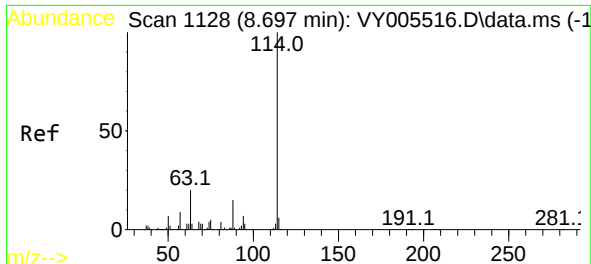
Tgt Ion: 56 Resp: 3812
Ion Ratio Lower Upper
56 100
69 144.1 27.7 41.5#
84 132.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.340 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Tgt Ion: 65 Resp: 122839
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

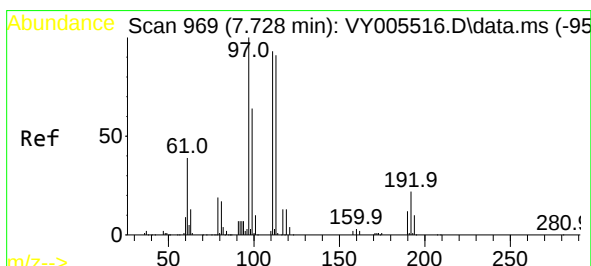
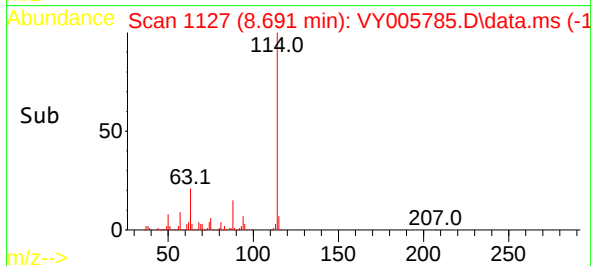
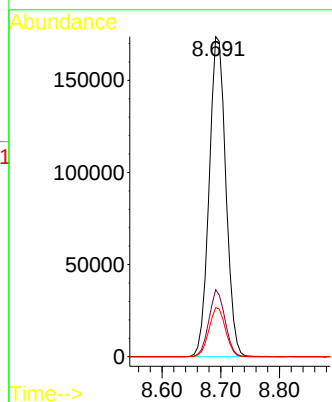
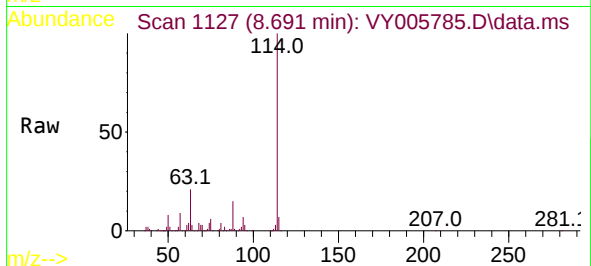




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

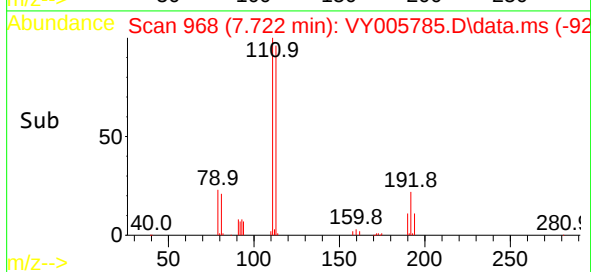
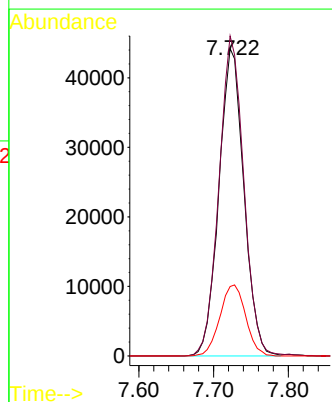
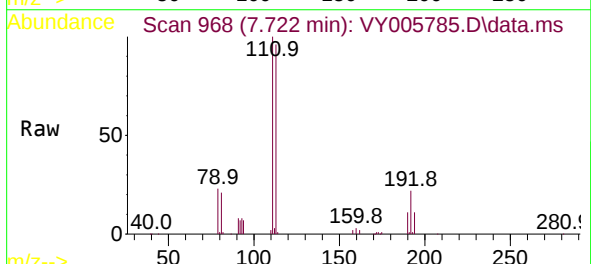
Instrument :
MSVOA_Y
ClientSampleId :

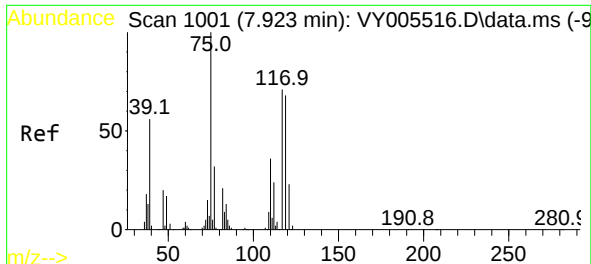
Tgt Ion:114 Resp: 341845
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.553 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Tgt Ion:113 Resp: 102496
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 23.9 19.2 28.8

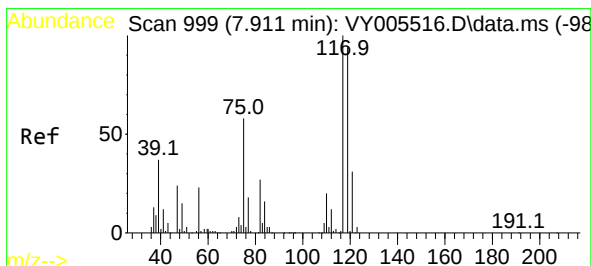
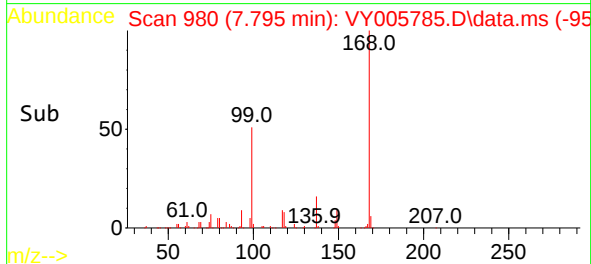
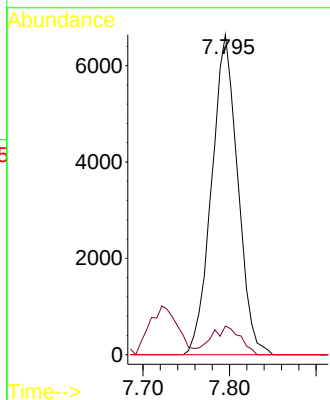
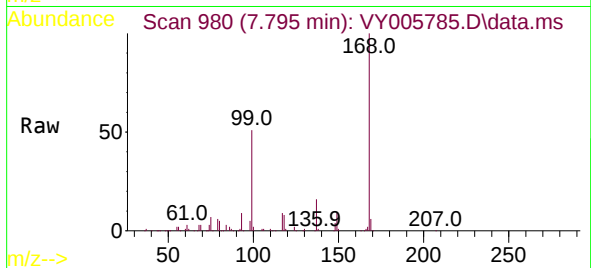




#36
1,1-Dichloropropene
Concen: 4.341 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

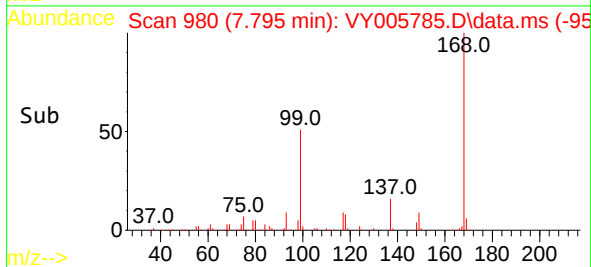
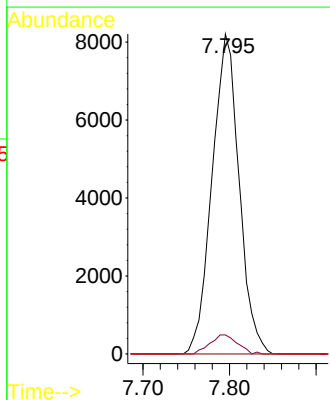
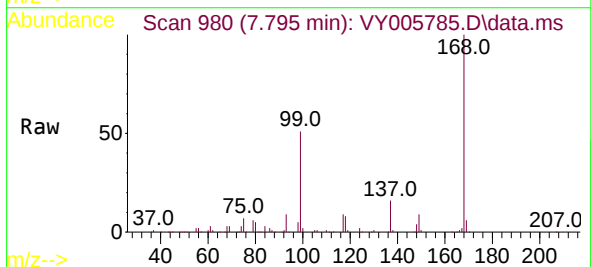
Instrument :
MSVOA_Y
ClientSampleId :

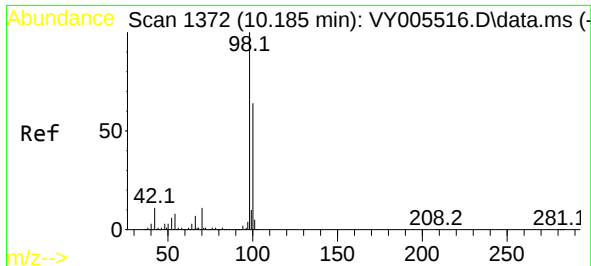
Tgt Ion: 75 Resp: 13919
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.098 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Tgt Ion: 117 Resp: 17764
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#

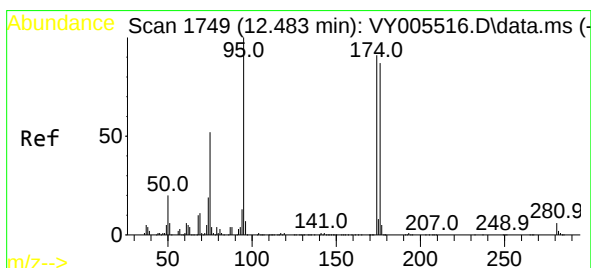
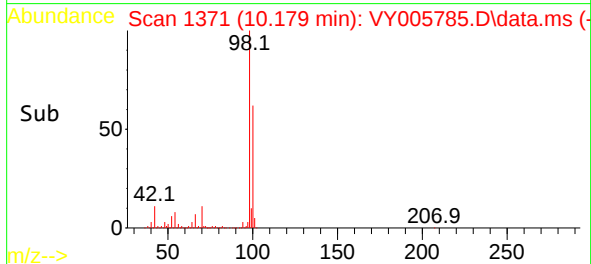
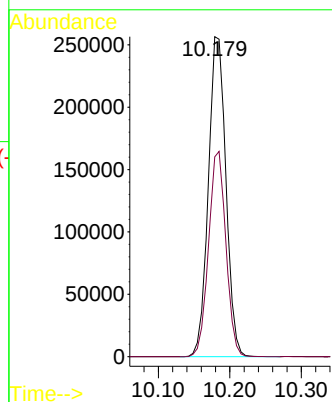
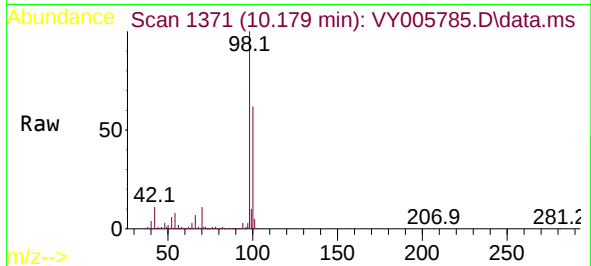




#50
Toluene-d8
Concen: 54.585 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

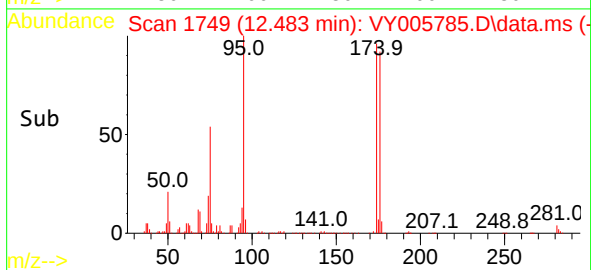
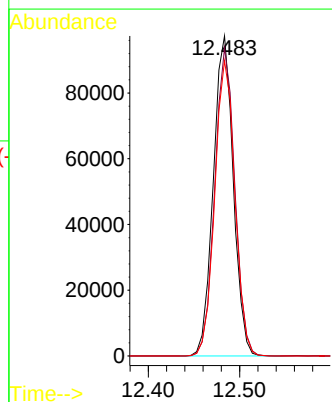
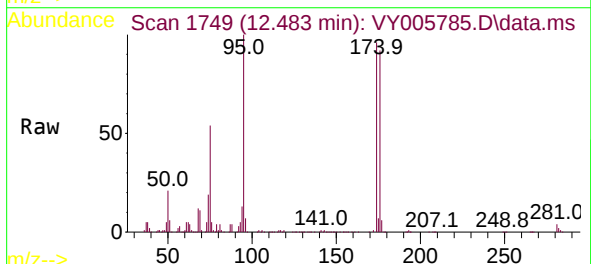
Instrument :
MSVOA_Y
ClientSampleId :

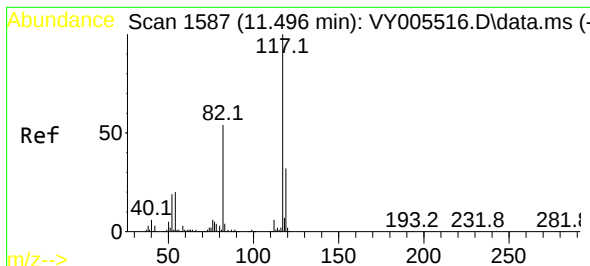
Tgt Ion: 98 Resp: 438139
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 55.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Tgt Ion: 95 Resp: 147641
Ion Ratio Lower Upper
95 100
174 96.5 0.0 191.4
176 93.0 0.0 183.6

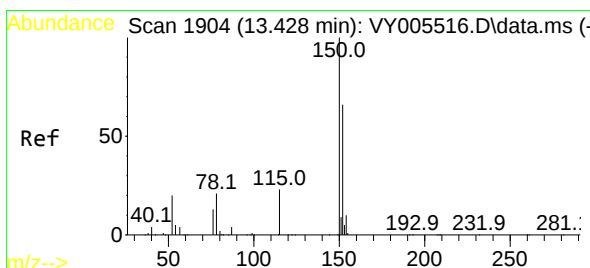
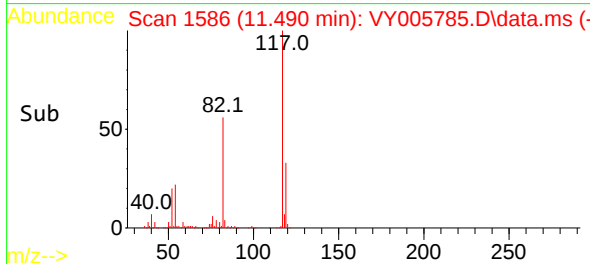
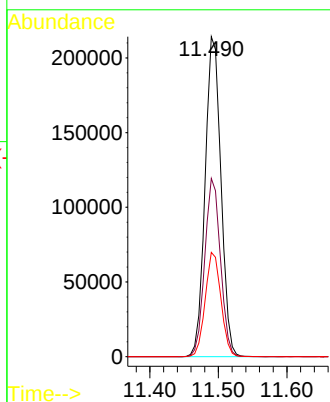
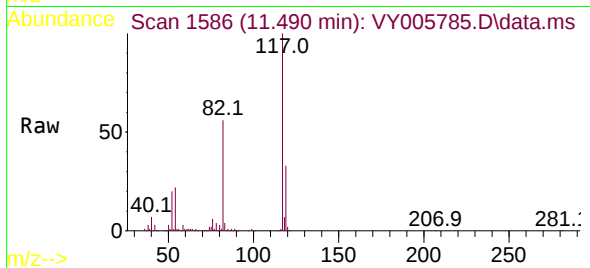




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

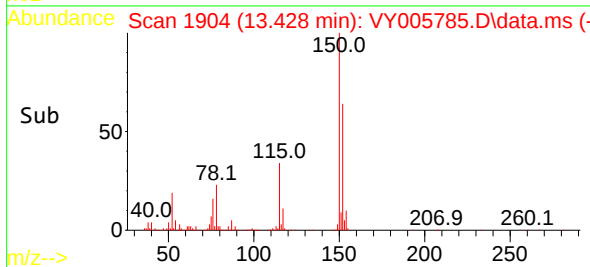
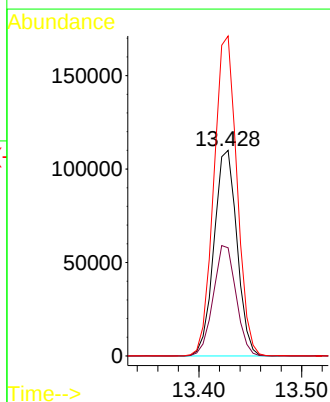
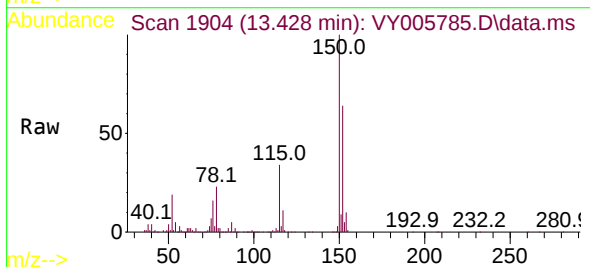
Instrument :
MSVOA_Y
ClientSampled :

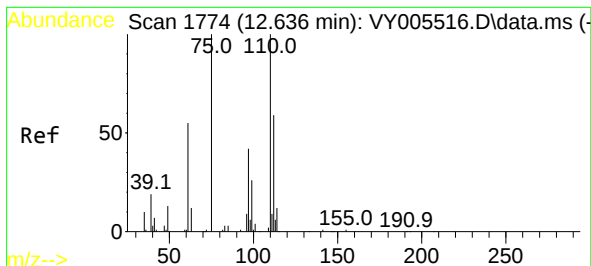
Tgt Ion:117 Resp: 344394
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Tgt Ion:152 Resp: 170370
Ion Ratio Lower Upper
152 100
115 53.4 27.3 81.9
150 156.4 0.0 350.2

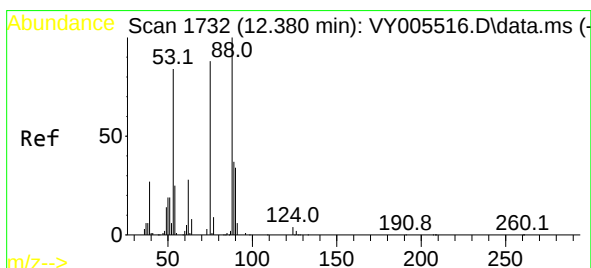
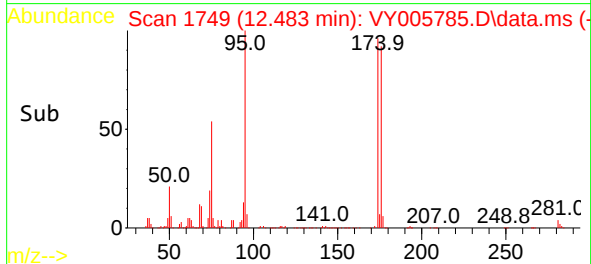
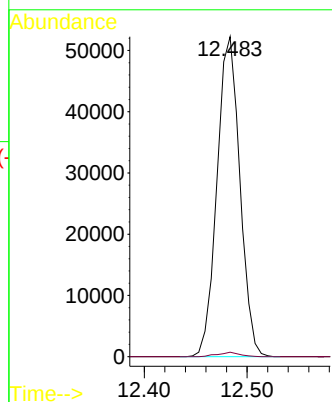
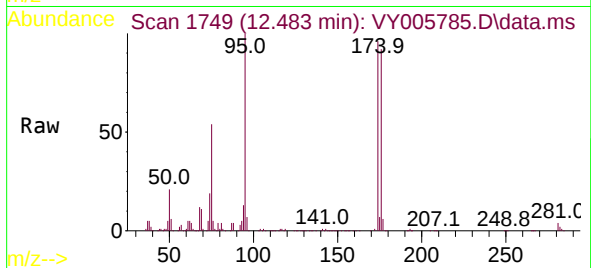




#76
1,2,3-Trichloropropane
Concen: 45.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 80762
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005785.D
Acq: 20 Aug 2021 11:47

Tgt Ion: 75 Resp: 80762
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

