

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004036.D
 Acq On : 22 Feb 2021 15:38
 Operator : SY/MD
 Sample : VY0222SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 03:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:42:58 2021
 Response via : Initial Calibration

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

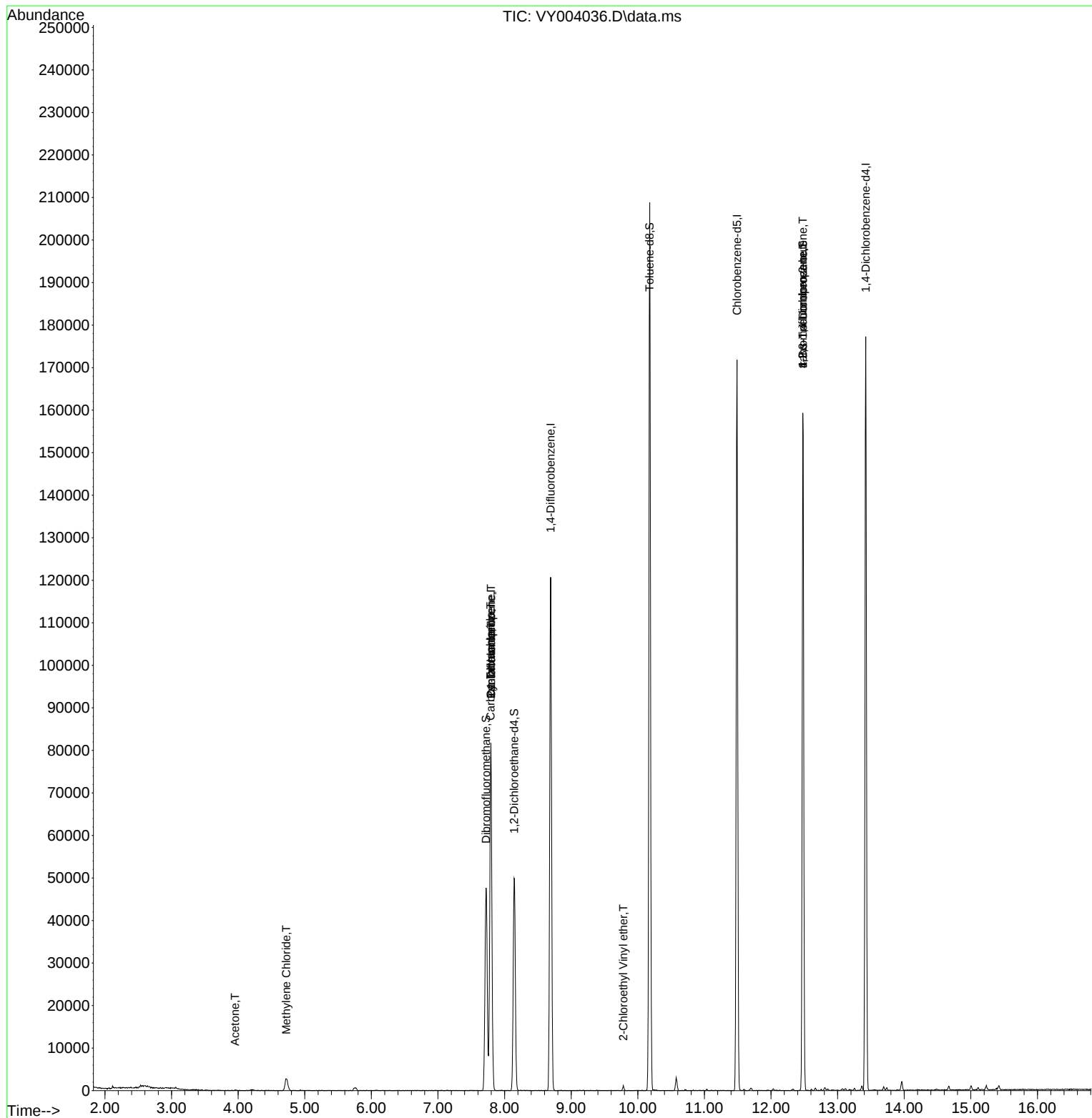
Internal Standards						
1) Pentafluorobenzene	7.795	168	63331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	41456	58.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.32%			
35) Dibromofluoromethane	7.722	113	32931	55.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.78%			
50) Toluene-d8	10.179	98	130775	54.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.72%			
62) 4-Bromofluorobenzene	12.477	95	45110	53.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.14%			
Target Compounds						
11) Tert butyl alcohol	4.942	59	19	Below Cal	#	76
16) Acetone	3.954	43	365	2.04	ug/l #	46
20) Methylene Chloride	4.722	84	2139	2.96	ug/l	89
31) Cyclohexane	7.795	56	1338	1.13	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	4608	4.67	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6083	5.97	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.782	63	451	1.31	ug/l	94
76) 1,2,3-Trichloropropane	12.477	75	25202	56.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25202	105.14	ug/l #	13

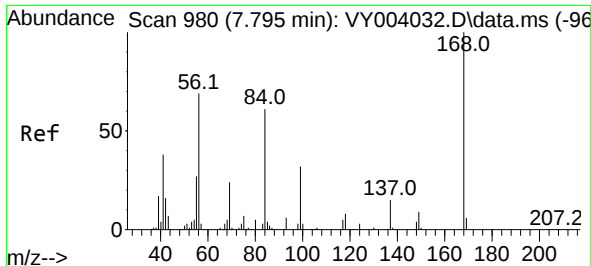
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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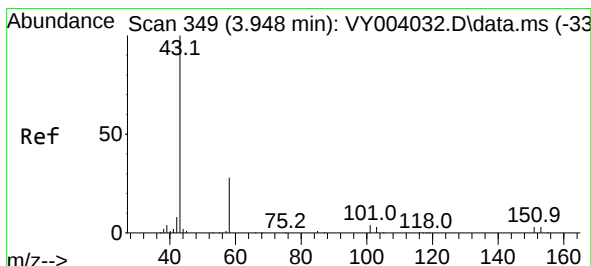
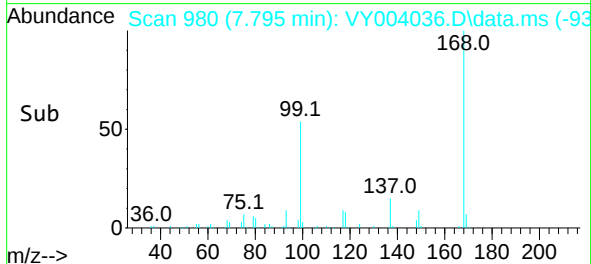
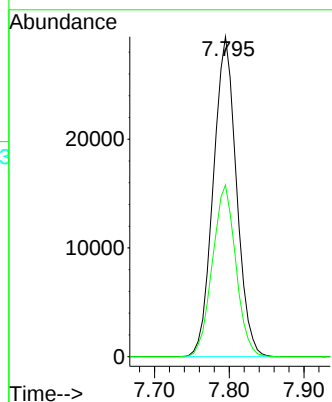
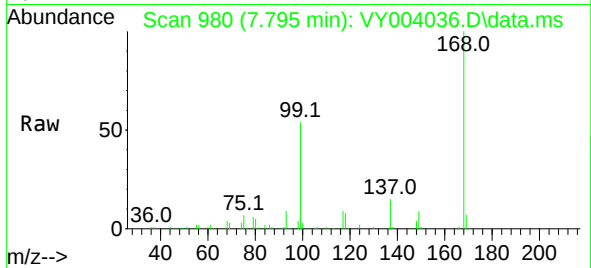




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

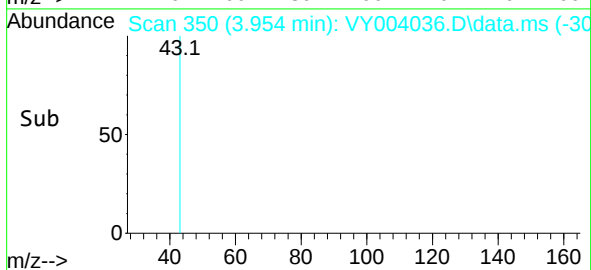
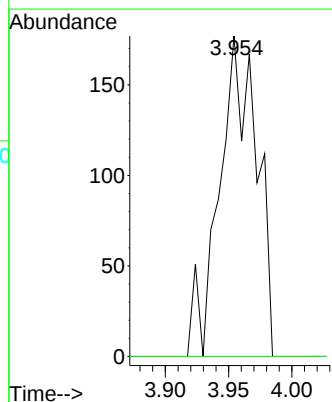
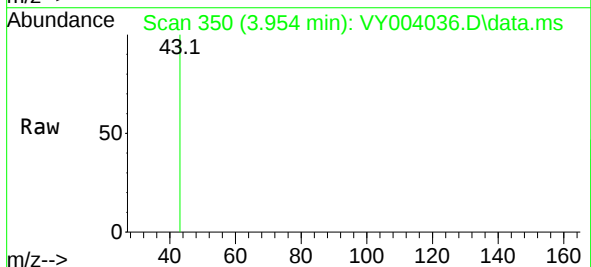
Instrument :
MSVOA_Y
ClientSampled :

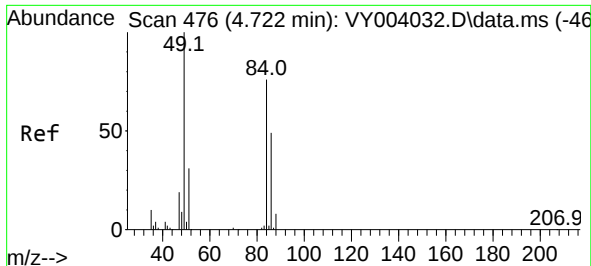
Tgt Ion:168 Resp: 63331
Ion Ratio Lower Upper
168 100
99 53.6 41.2 61.8



#16
Acetone
Concen: 2.04 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 22.6 34.0#





#20

Methylene Chloride

Concen: 2.96 ug/l

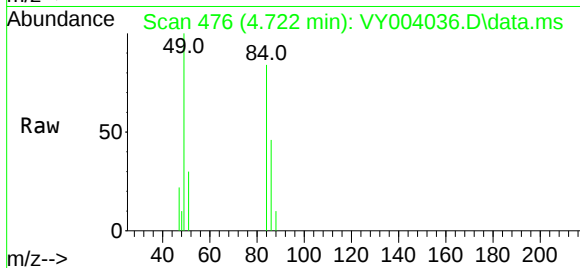
RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY004036.D

Acq: 22 Feb 2021 15:38

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 2139

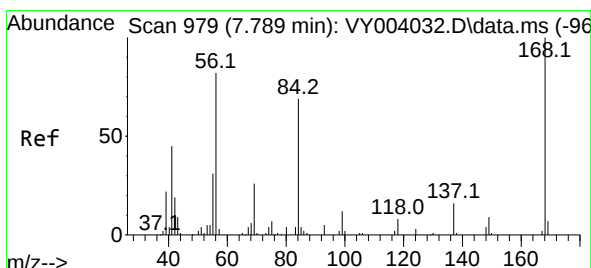
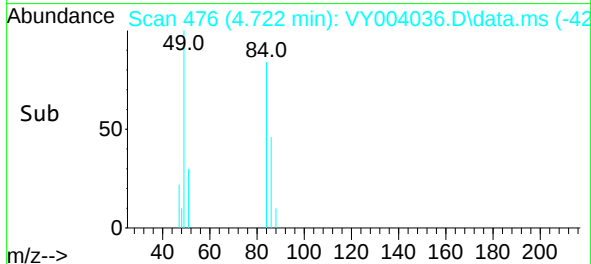
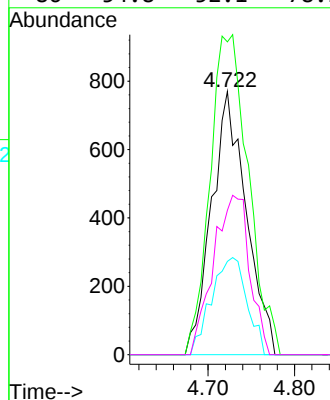
Ion Ratio Lower Upper

84 100

49 118.8 105.8 158.6

51 35.5 32.6 48.8

86 54.8 52.1 78.1



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004036.D

Acq: 22 Feb 2021 15:38

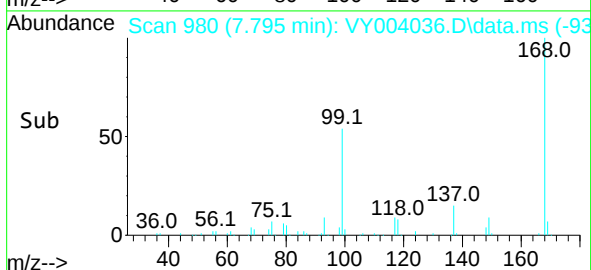
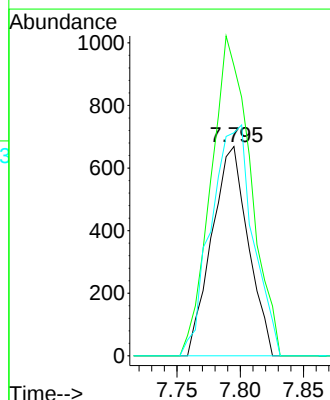
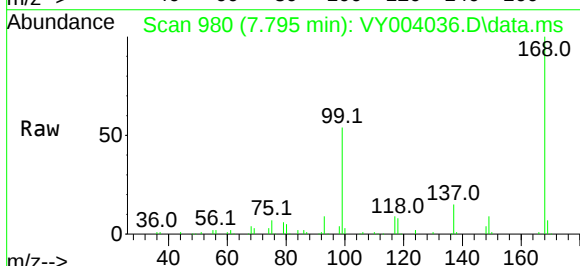
Tgt Ion: 56 Resp: 1338

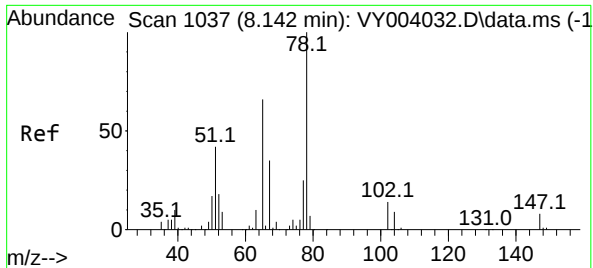
Ion Ratio Lower Upper

56 100

69 138.6 25.3 37.9#

84 106.6 67.3 100.9#

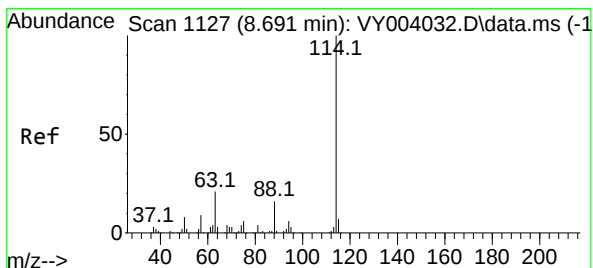
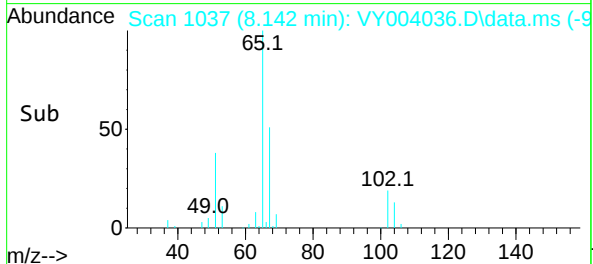
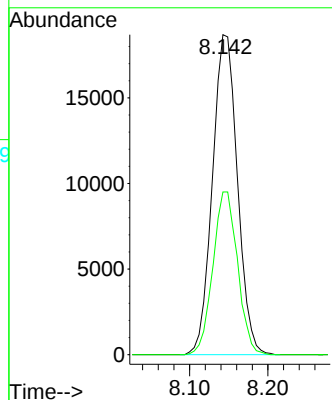
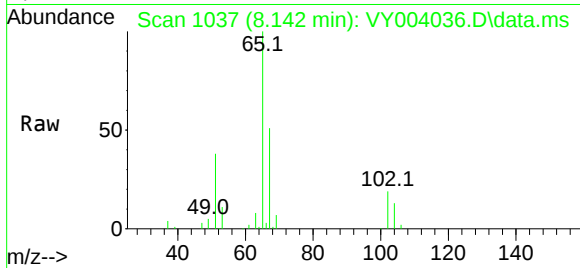




#33
1,2-Dichloroethane-d4
Concen: 58.66 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

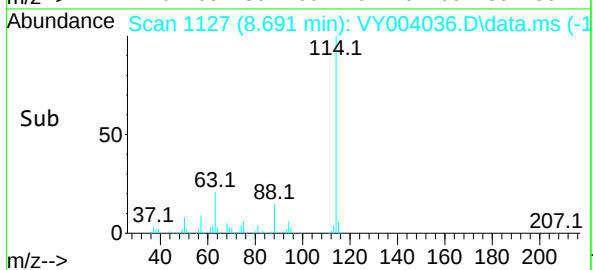
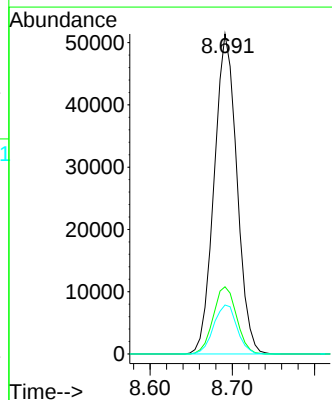
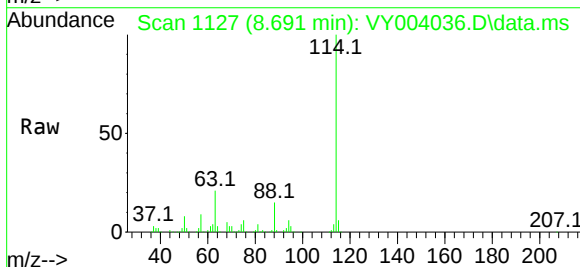
Instrument :
MSVOA_Y
ClientSampled :

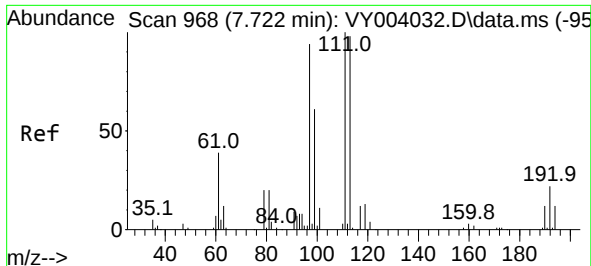
Tgt Ion: 65 Resp: 41456
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Tgt Ion: 114 Resp: 98610
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 15.3 0.0 31.4

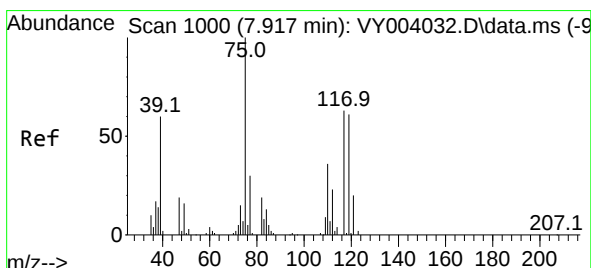
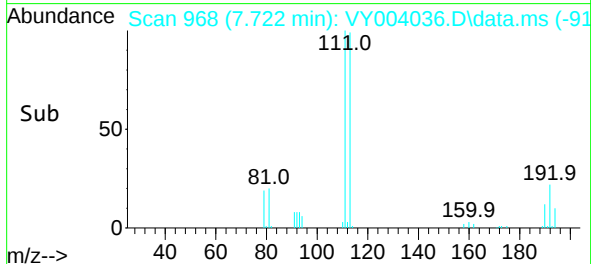
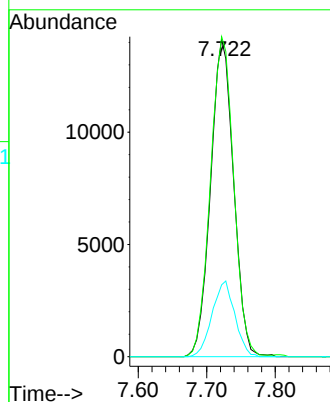
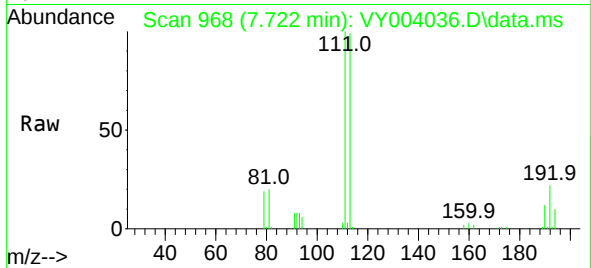




#35
Dibromofluoromethane
Concen: 55.39 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

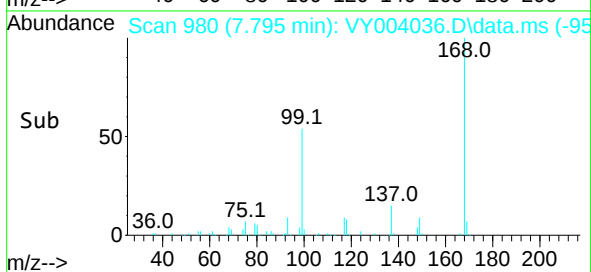
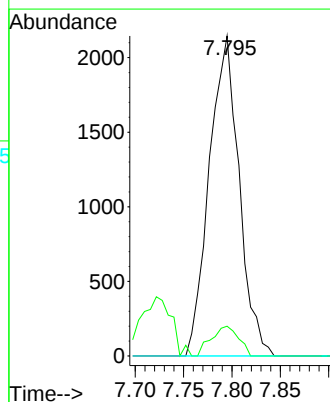
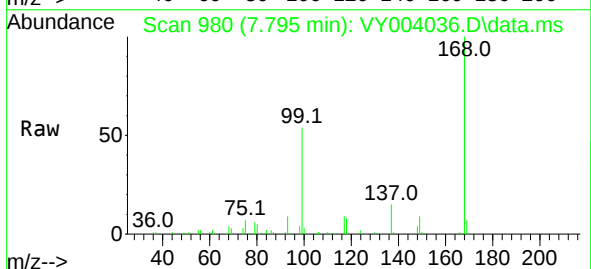
Instrument :
MSVOA_Y
ClientSampleId :

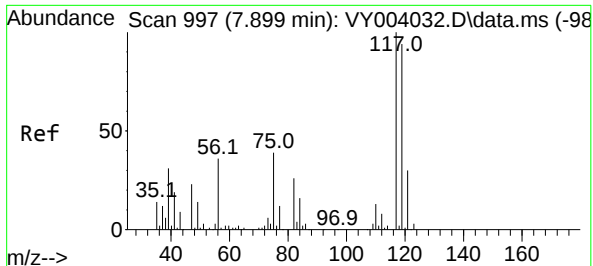
Tgt Ion:113 Resp: 32931
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 23.6 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

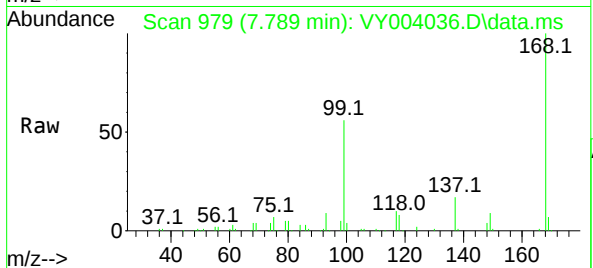
Tgt Ion: 75 Resp: 4608
Ion Ratio Lower Upper
75 100
110 8.6 17.4 52.3#
77 0.0 24.5 36.7#



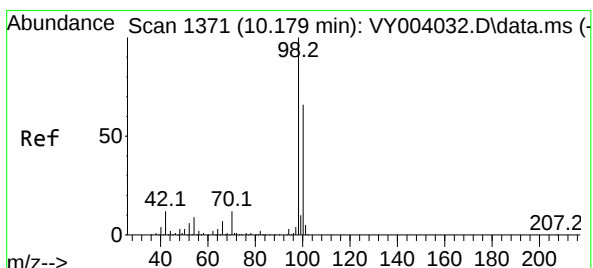
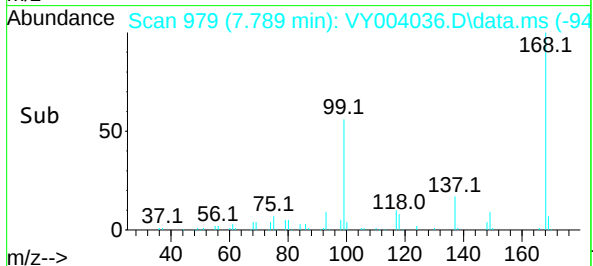
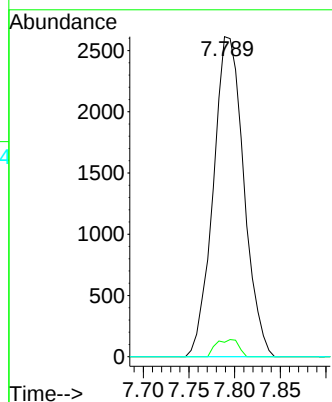


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Instrument :
MSVOA_Y
ClientSampled :

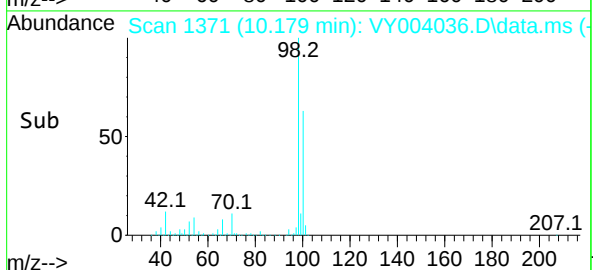
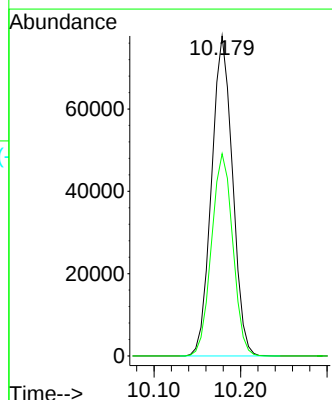
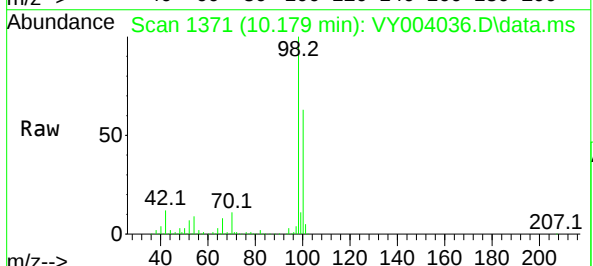


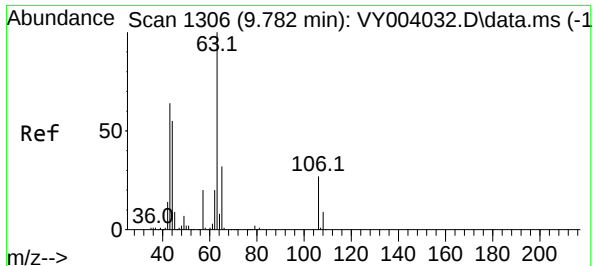
Tgt Ion:117 Resp: 6083
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.86 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Tgt Ion: 98 Resp: 130775
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

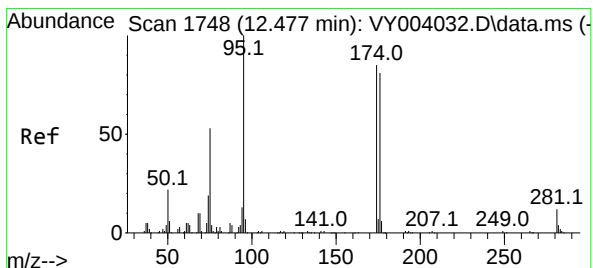
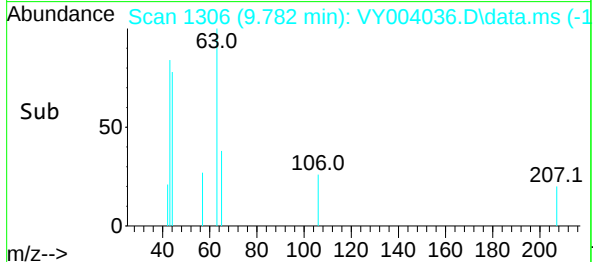
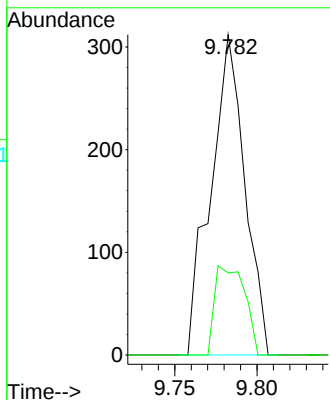
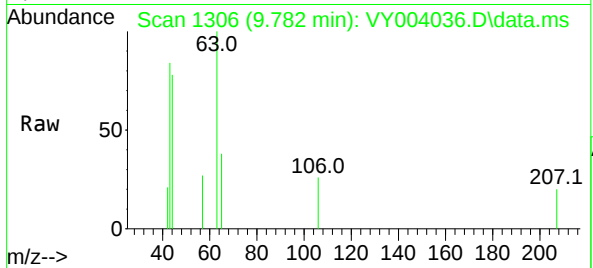




#58
2-Chloroethyl Vinyl ether
Concen: 1.31 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

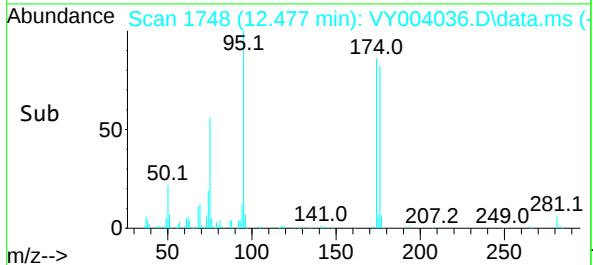
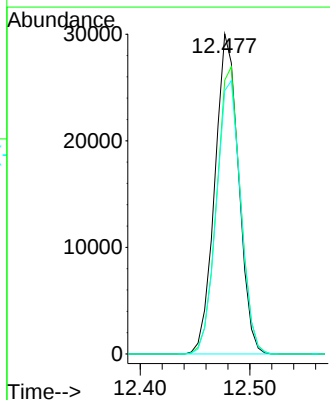
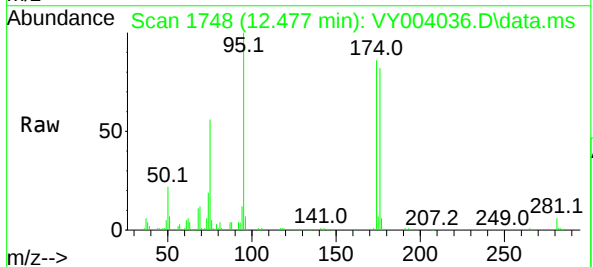
Instrument :
MSVOA_Y
ClientSampled :

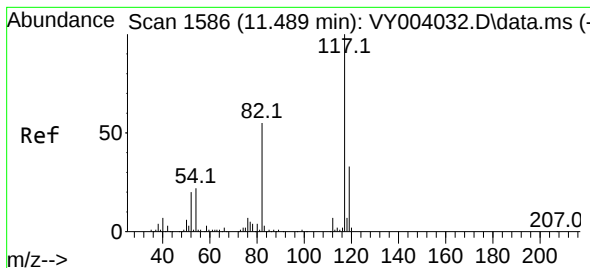
Tgt Ion: 63 Resp: 451
Ion Ratio Lower Upper
63 100
106 24.4 22.1 33.1



#62
4-Bromofluorobenzene
Concen: 53.57 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Tgt Ion: 95 Resp: 45110
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.0
176 87.4 0.0 174.4

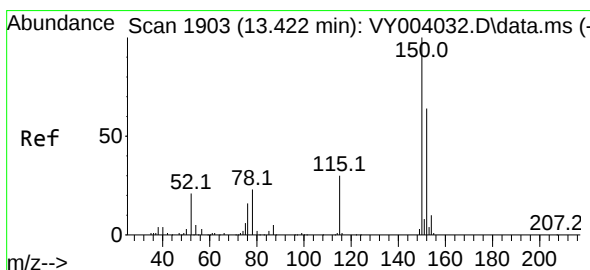
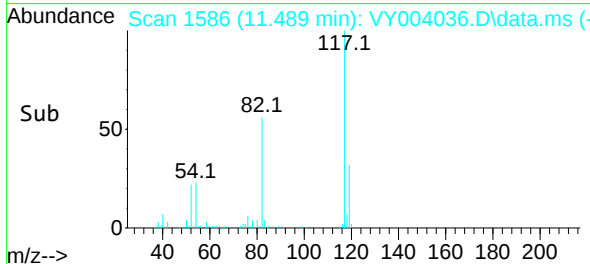
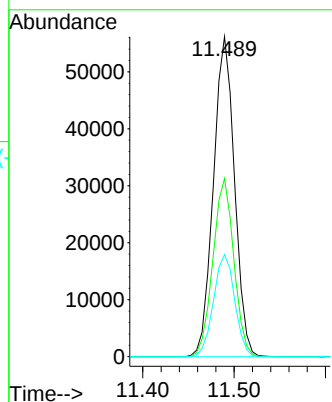
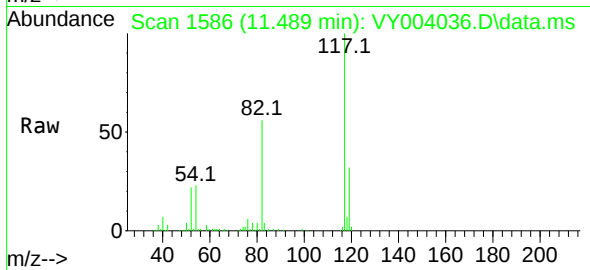




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

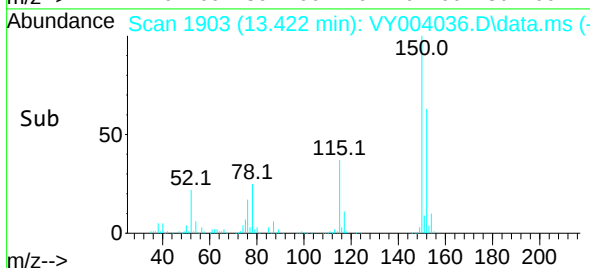
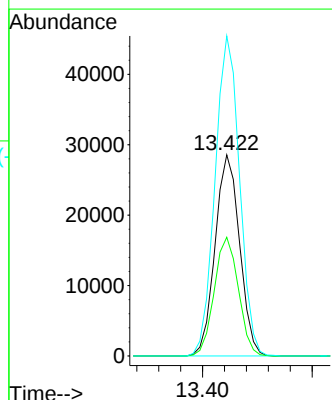
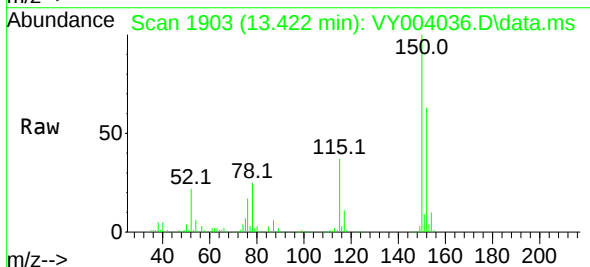
Instrument :
MSVOA_Y
ClientSampled :

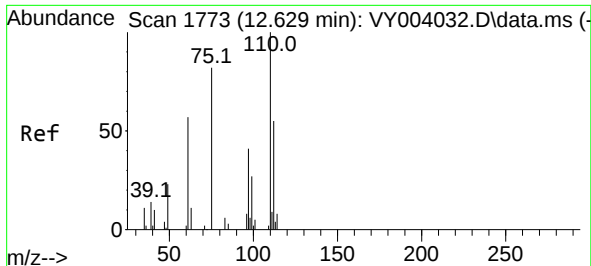
Tgt Ion:117	Resp:	89916
Ion Ratio	Lower	Upper
117	100	
82	55.7	43.8 65.6
119	31.9	26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Tgt Ion:152	Resp:	44339
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.2 84.6
150	159.1	0.0 347.2

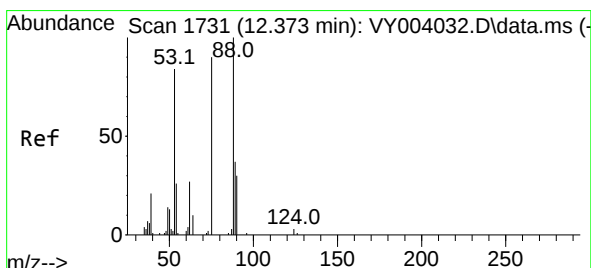
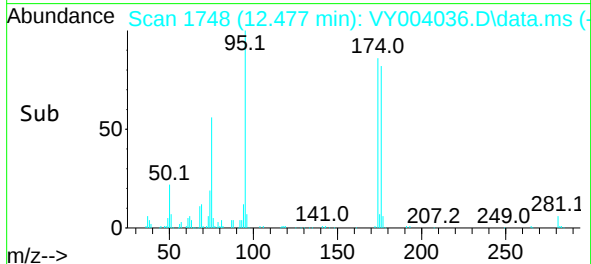
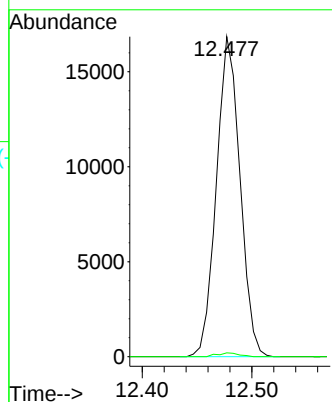
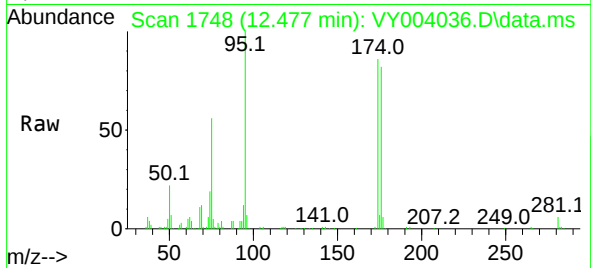




#76
1,2,3-Trichloropropane
Concen: 56.63 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 25202
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.14 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY004036.D
Acq: 22 Feb 2021 15:38

Tgt Ion: 75 Resp: 25202
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.0 35.7 53.5#

