

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004005.D
 Acq On : 11 Feb 2021 16:46
 Operator : SY/MD
 Sample : M1363-04
 Misc : 2.90g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 16:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	172738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	117557	61.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.78%
35) Dibromofluoromethane	7.722	113	91802	52.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.40%
50) Toluene-d8	10.178	98	374287	54.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.50%
62) 4-Bromofluorobenzene	12.477	95	124922	50.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.26%

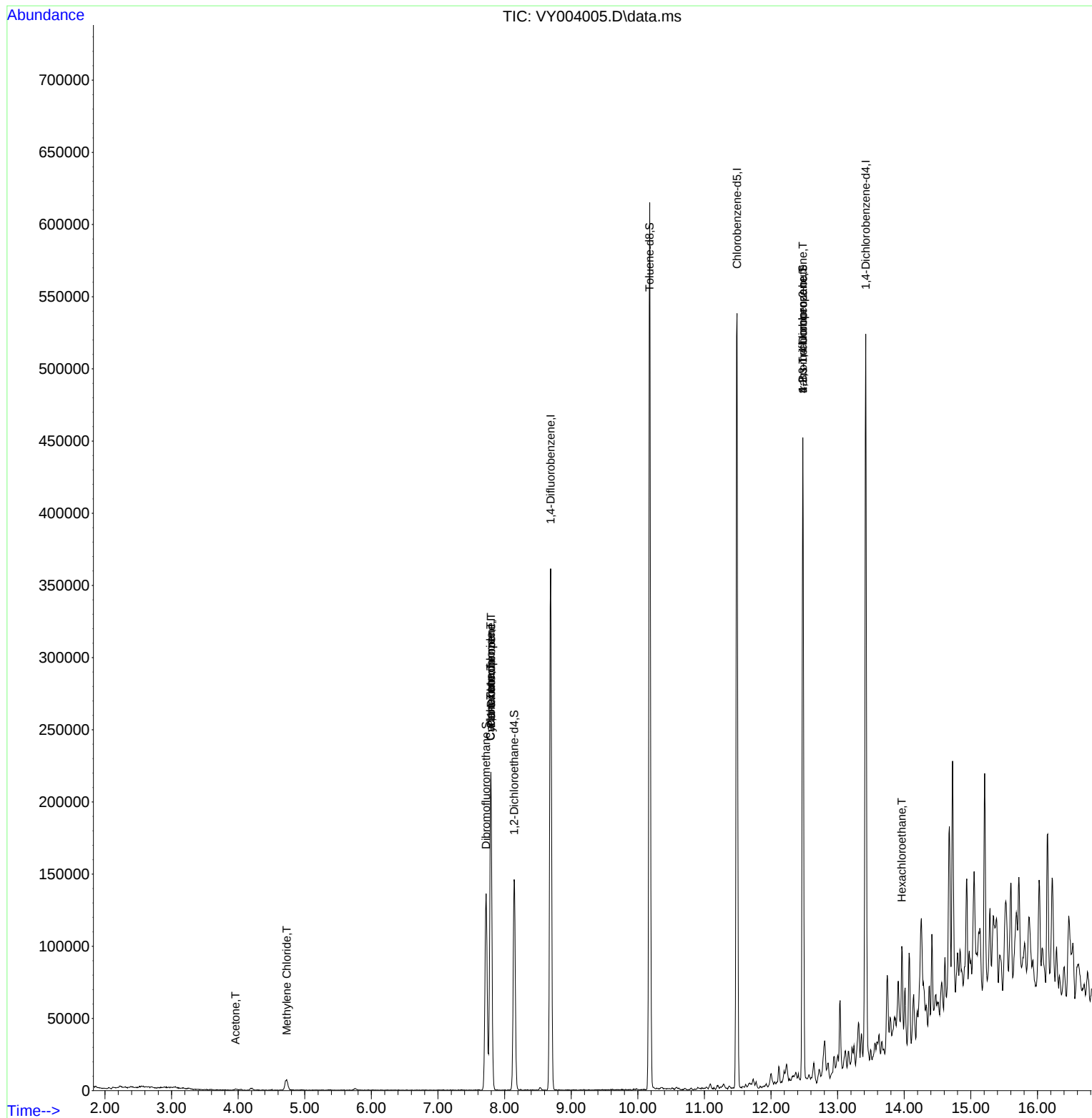
Target Compounds					Qvalue
11) Tert butyl alcohol	4.972	59	150	Below Cal	# 77
16) Acetone	3.960	43	1419	3.04 ug/l	99
20) Methylene Chloride	4.728	84	5275	2.66 ug/l	# 84
31) Cyclohexane	7.789	56	3674	1.15 ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	12706	4.22 ug/l	# 50
38) Carbon Tetrachloride	7.789	117	16026	4.92 ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	68114	54.72 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	68114	104.58 ug/l	# 11
90) Hexachloroethane	13.964	117	2159	1.45 ug/l	# 4

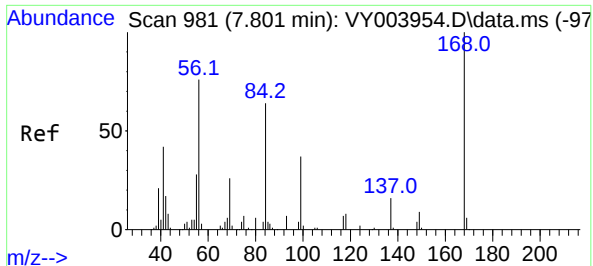
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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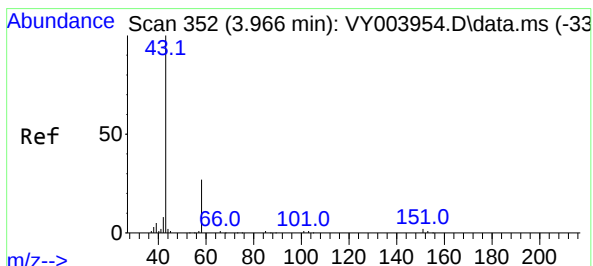
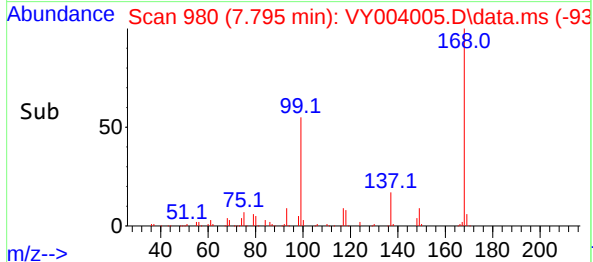
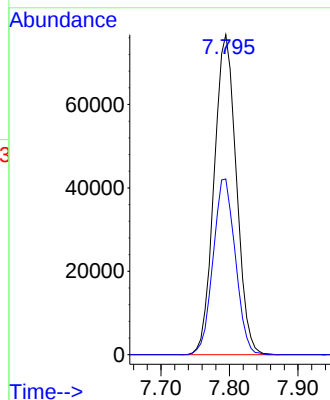
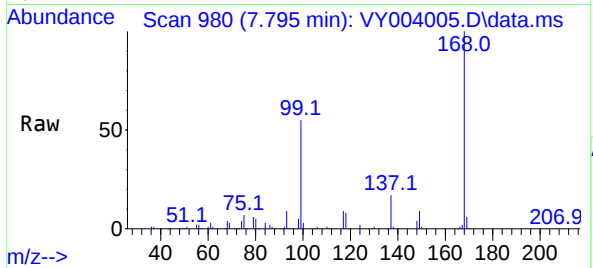




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

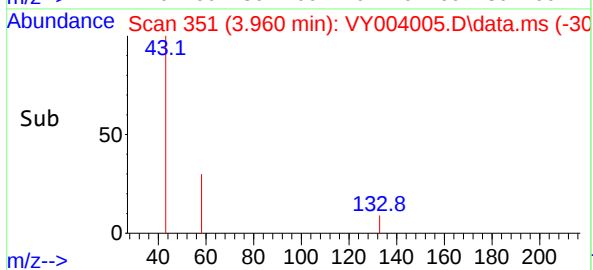
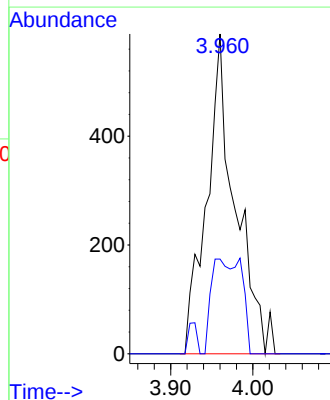
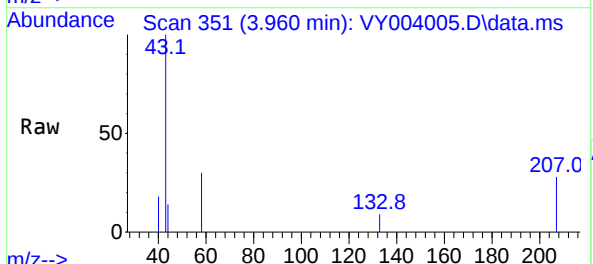
Instrument :
MSVOA_Y
ClientSampled :

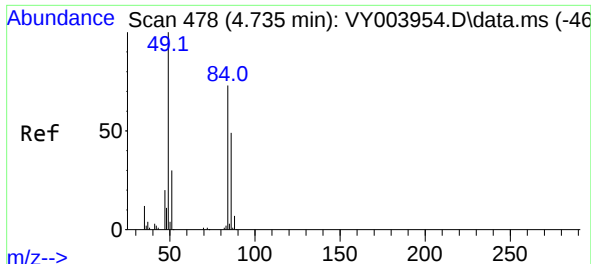
Tgt Ion:168 Resp: 172738
Ion Ratio Lower Upper
168 100
99 54.9 46.1 69.1



#16
Acetone
Concen: 3.04 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 29.6 23.4 35.0



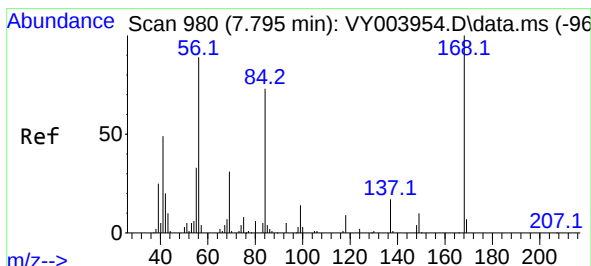
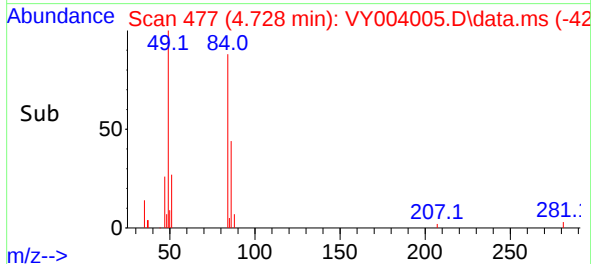
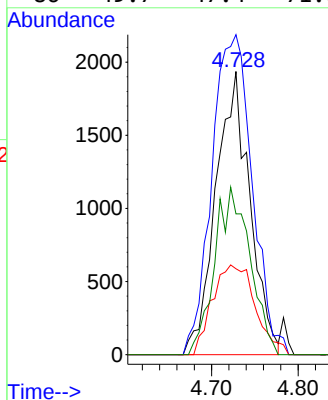
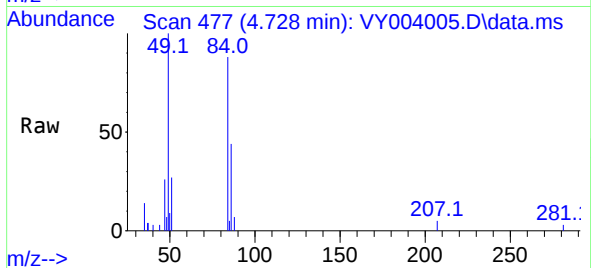


#20
Methylene Chloride
Concen: 2.66 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5275

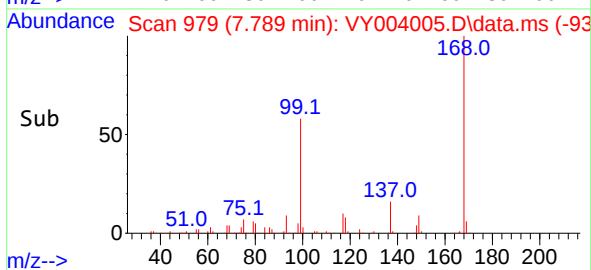
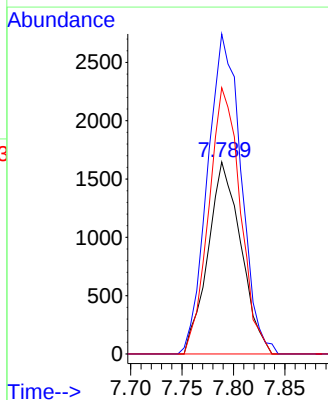
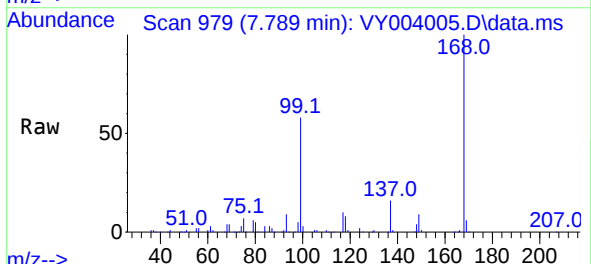
Ion	Ratio	Lower	Upper
84	100		
49	113.0	107.0	160.4
51	30.3	31.9	47.9#
86	49.7	47.4	71.0

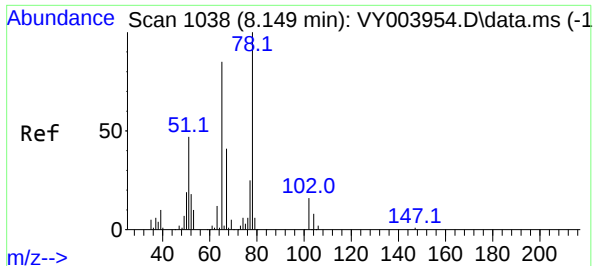


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion: 56 Resp: 3674

Ion	Ratio	Lower	Upper
56	100		
69	166.7	25.0	37.4#
84	138.7	64.5	96.7#

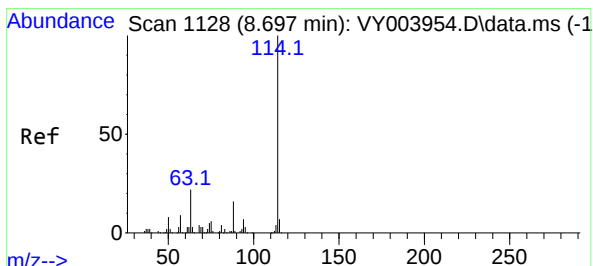
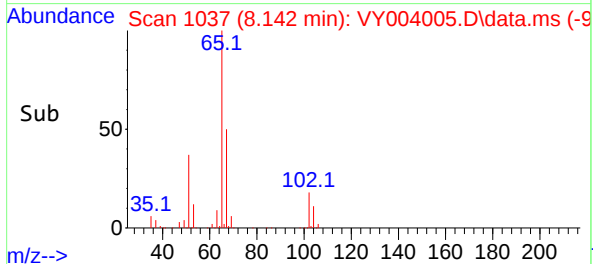
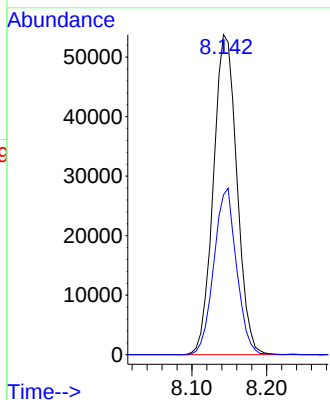
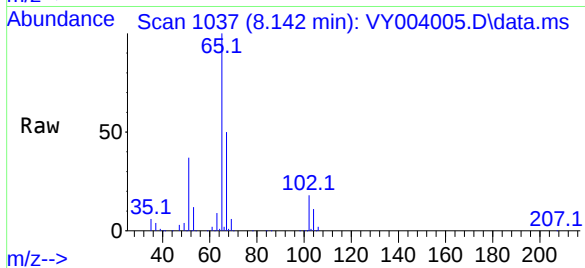




#33
1,2-Dichloroethane-d4
Concen: 61.89 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

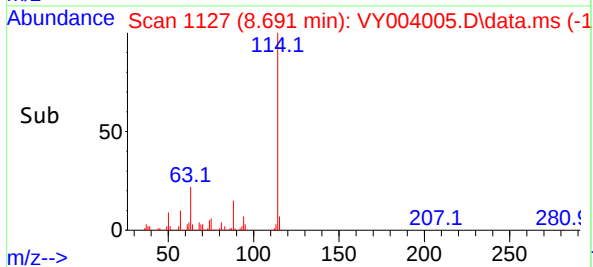
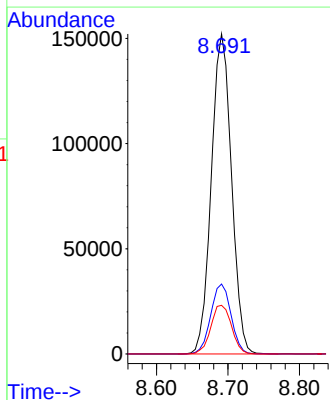
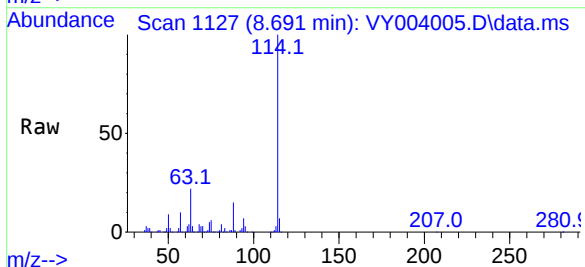
Instrument :
MSVOA_Y
ClientSampled :

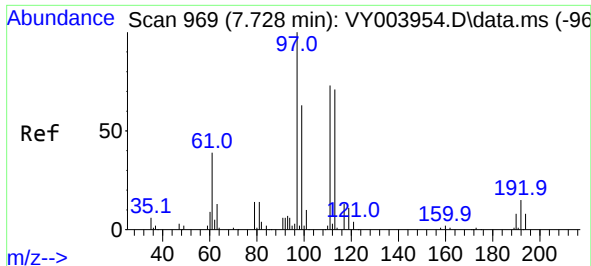
Tgt Ion: 65 Resp: 117557
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion:114 Resp: 297926
Ion Ratio Lower Upper
114 100
63 21.9 0.0 47.2
88 15.2 0.0 30.2

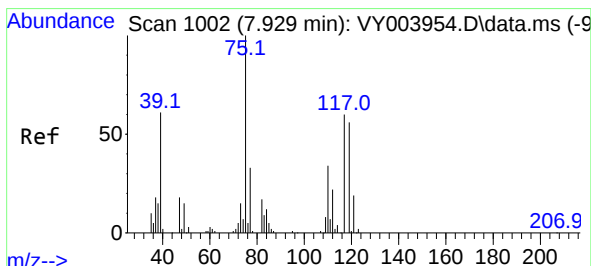
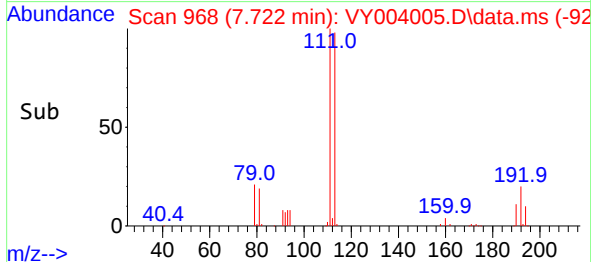
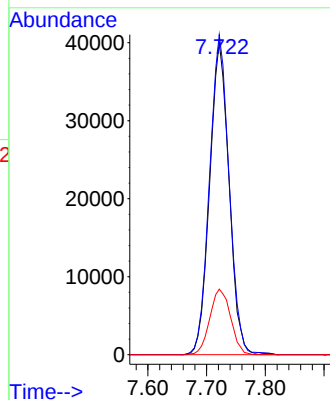
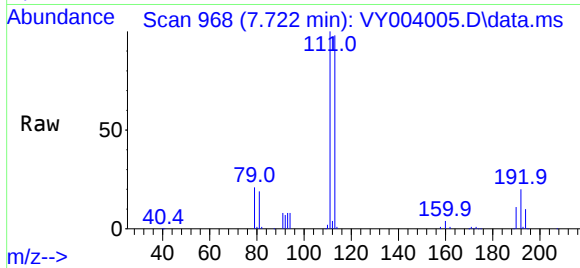




#35
Dibromofluoromethane
Concen: 52.70 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

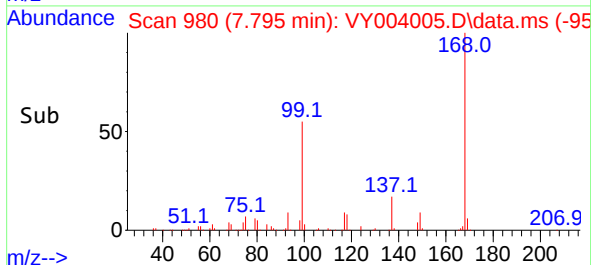
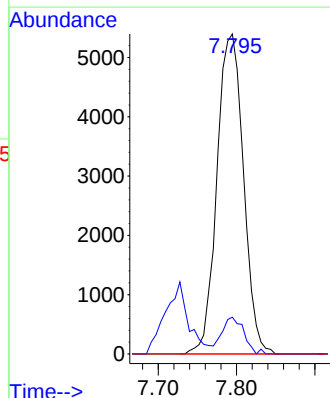
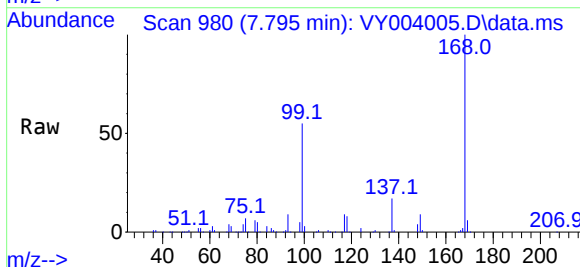
Instrument :
MSVOA_Y
ClientSampleId :

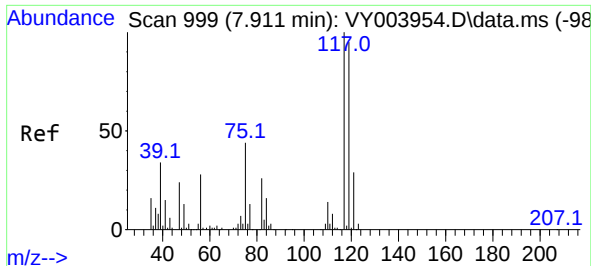
Tgt Ion:	113	Resp:	91802
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	22.5	18.3	27.5



#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

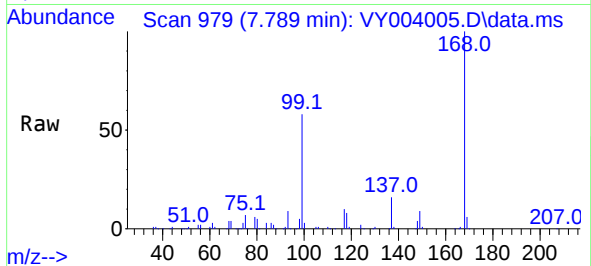
Tgt Ion:	75	Resp:	12706
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.9	53.8#
77	0.0	24.8	37.2#



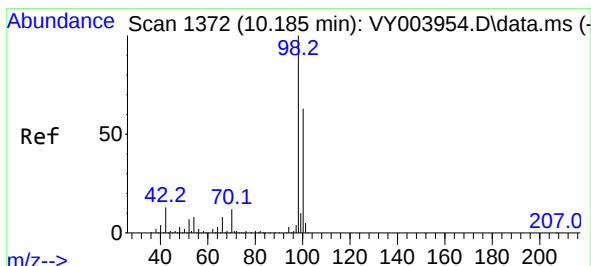
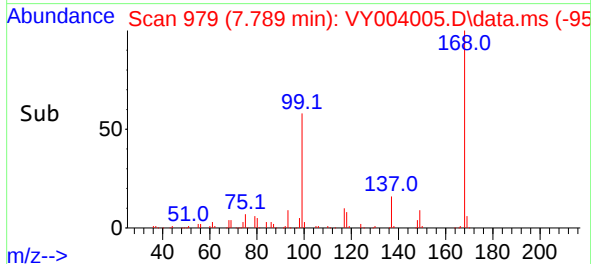
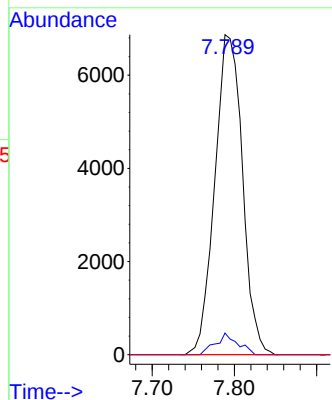


#38
Carbon Tetrachloride
Concen: 4.92 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Instrument :
MSVOA_Y
ClientSampled :

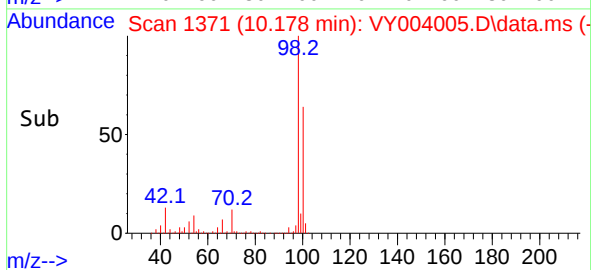
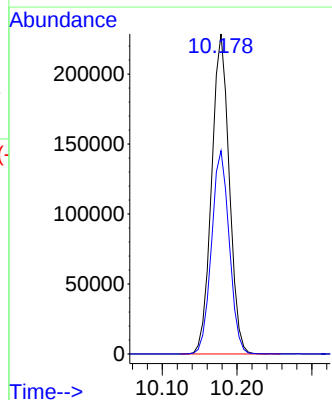
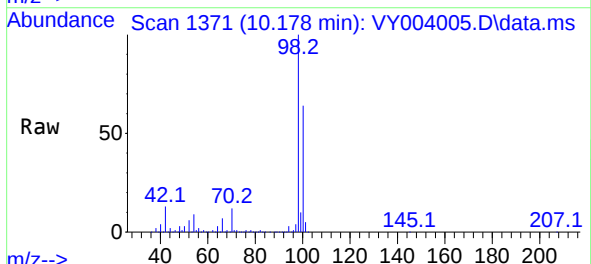


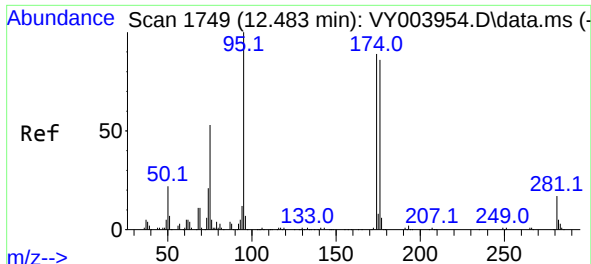
Tgt Ion:117 Resp: 16026
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.75 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion: 98 Resp: 374287
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



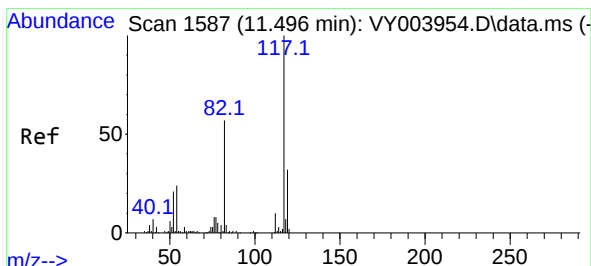
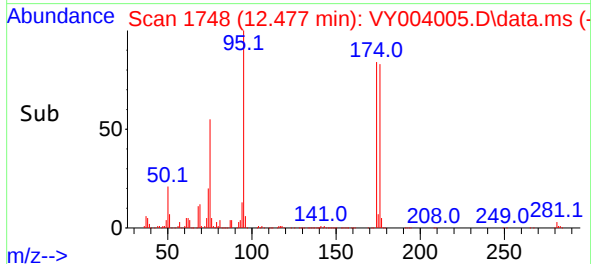
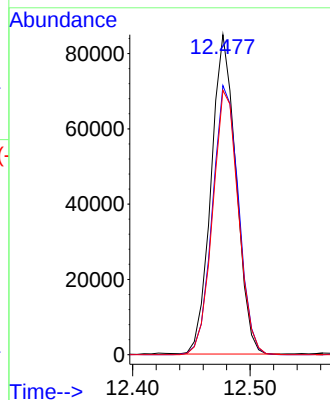
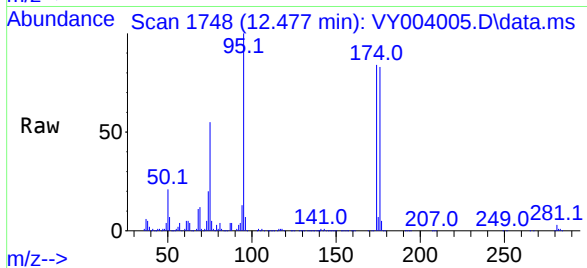


#62
4-Bromofluorobenzene
Concen: 50.13 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 95 Resp: 124922

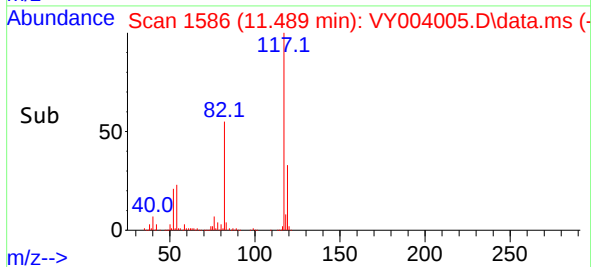
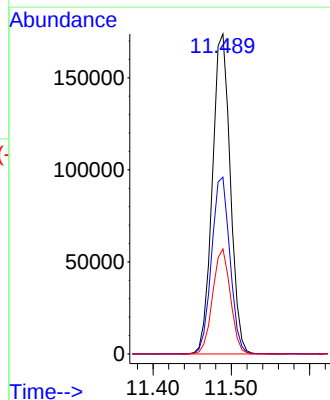
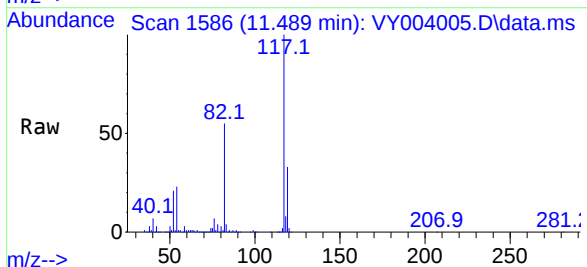
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	184.4
176	85.4	0.0	177.2

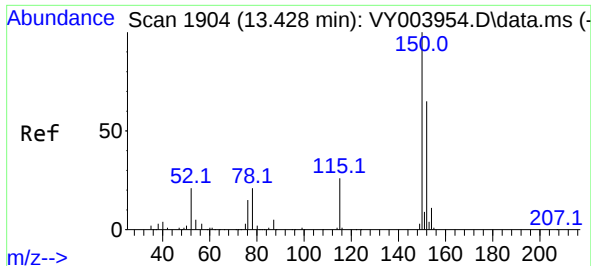


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion: 117 Resp: 276392

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	32.9	25.0	37.6

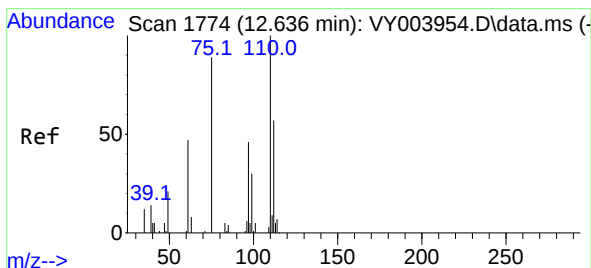
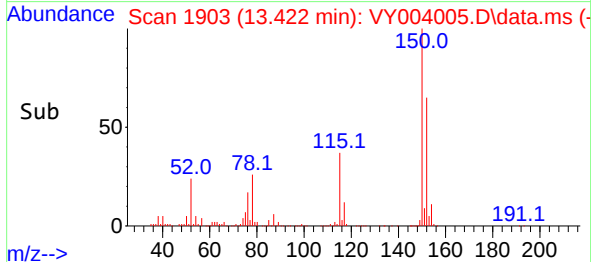
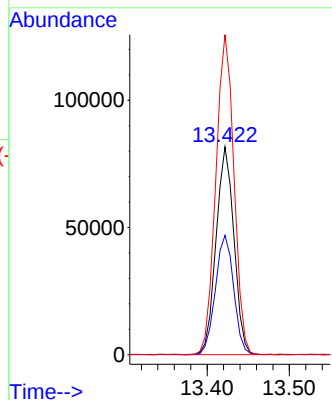
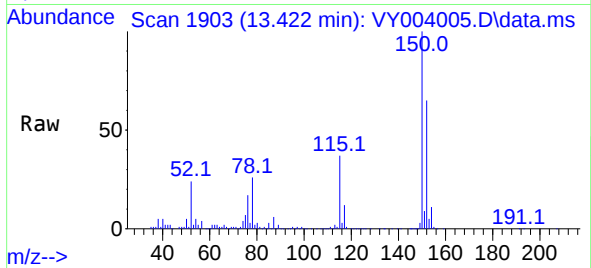




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

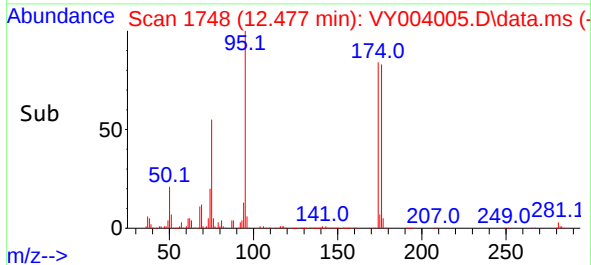
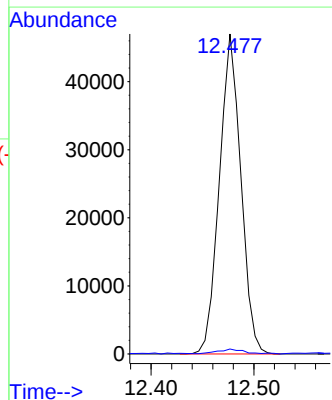
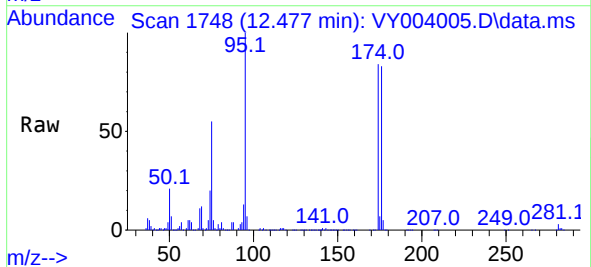
Instrument :
MSVOA_Y
ClientSampled :

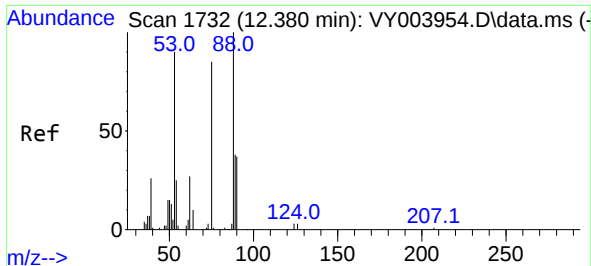
Tgt Ion:152 Resp: 123563
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 156.2 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 54.72 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion: 75 Resp: 68114
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

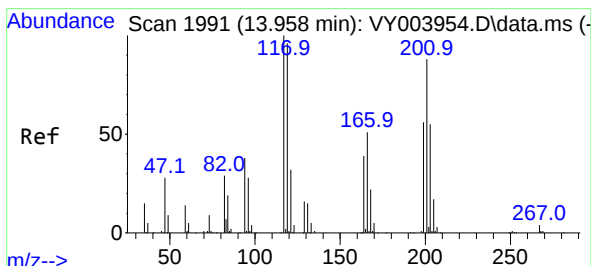
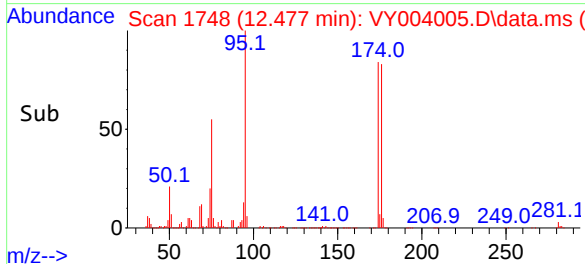
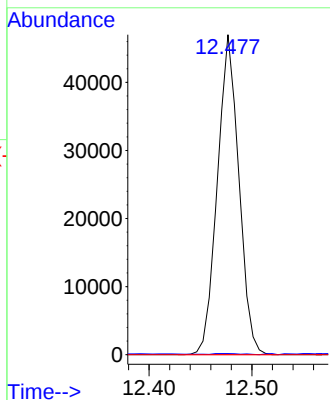
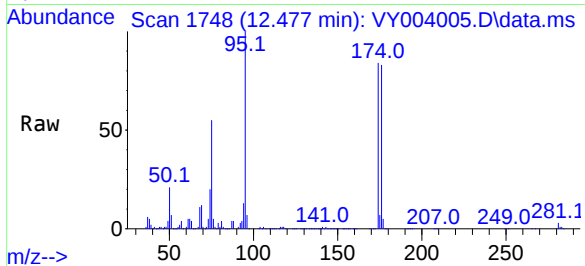




#81
trans-1,4-Dichloro-2-butene
Concen: 104.58 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 68114
Ion Ratio Lower Upper
75 100
53 0.6 78.2 117.2#
89 0.0 34.8 52.2#



#90
Hexachloroethane
Concen: 1.45 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY004005.D
Acq: 11 Feb 2021 16:46

Tgt Ion: 117 Resp: 2159
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.5#

