

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY003997.D
 Acq On : 11 Feb 2021 12:17
 Operator : SY/MD
 Sample : VY0211SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 13:21:09 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)

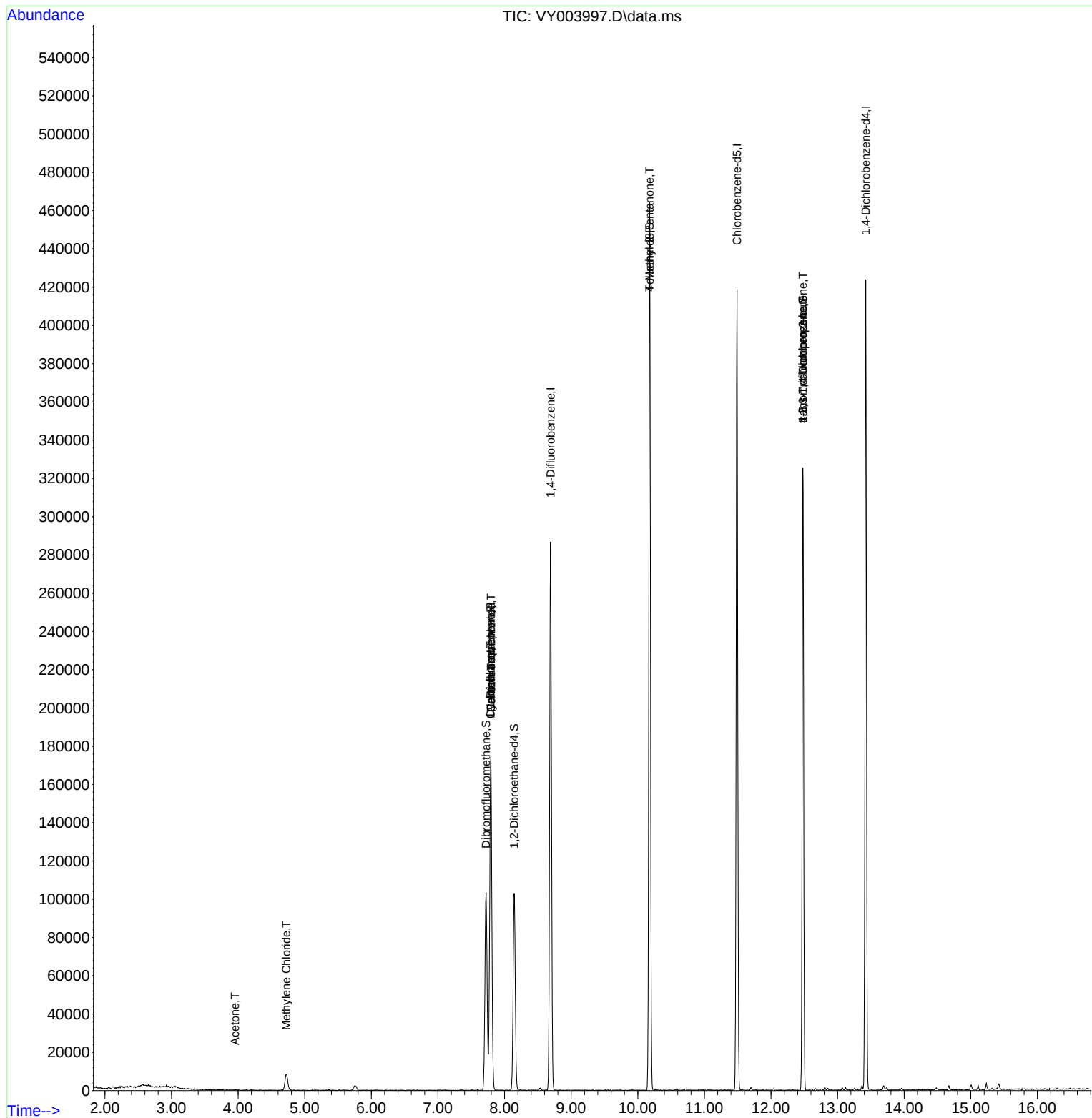
Internal Standards						
1) Pentafluorobenzene	7.795	168	138053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84278	55.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.04%
35) Dibromofluoromethane	7.722	113	69537	51.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.52%
50) Toluene-d8	10.179	98	286558	53.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.66%
62) 4-Bromofluorobenzene	12.477	95	94416	48.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.30%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	26	Below Cal	#	77
16) Acetone	3.954	43	627	1.68	ug/l #	79
20) Methylene Chloride	4.723	84	5957	3.77	ug/l #	84
31) Cyclohexane	7.789	56	3237	1.27	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	10566	4.50	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12896	5.09	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1537	1.17	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	52484	50.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52484	96.45	ug/l #	11

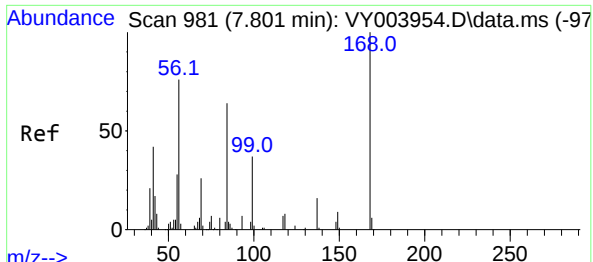
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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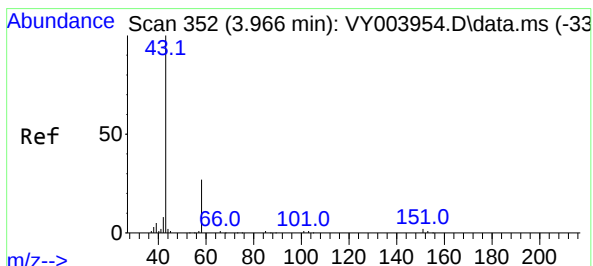
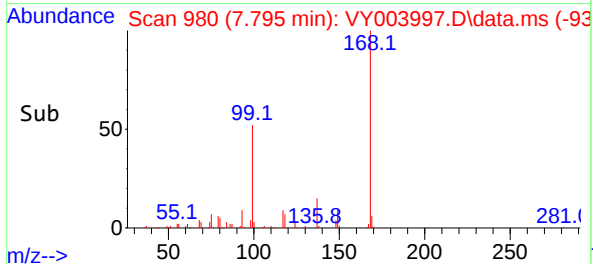
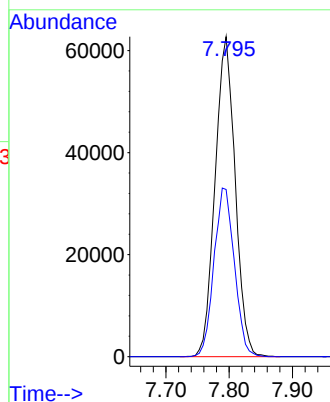
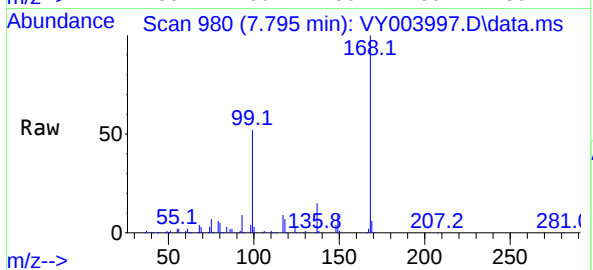




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

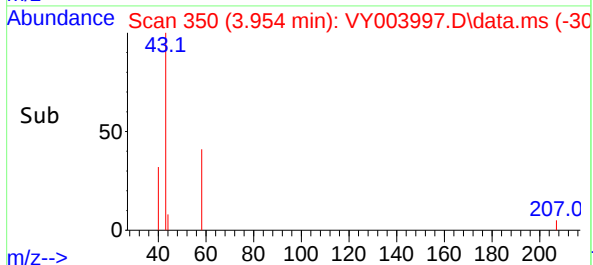
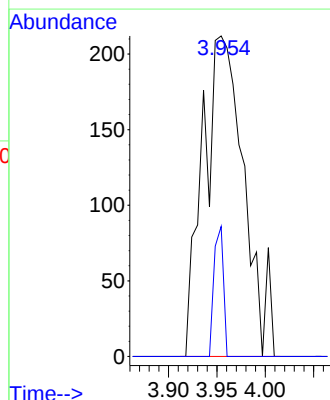
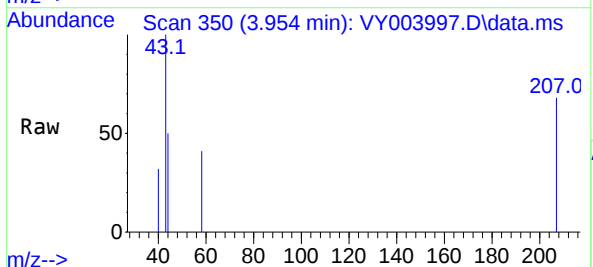
Instrument :
MSVOA_Y
ClientSampleId :

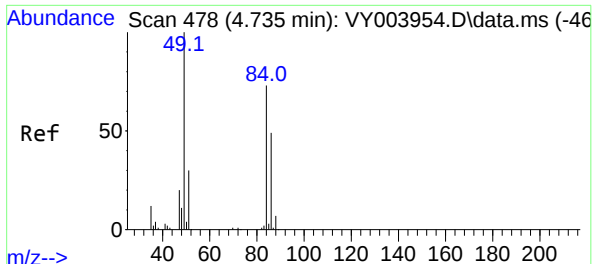
Tgt Ion:168 Resp: 138053
Ion Ratio Lower Upper
168 100
99 52.2 46.1 69.1



#16
Acetone
Concen: 1.68 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 40.6 23.4 35.0#





#20

Methylene Chloride

Concen: 3.77 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY003997.D

Acq: 11 Feb 2021 12:17

Tgt Ion: 84 Resp: 5957

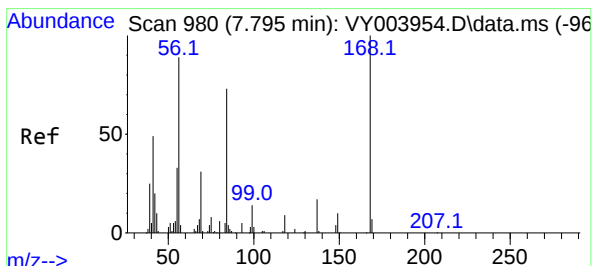
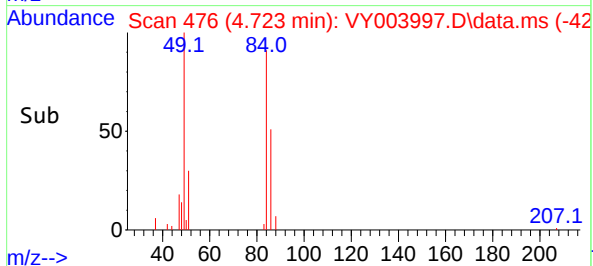
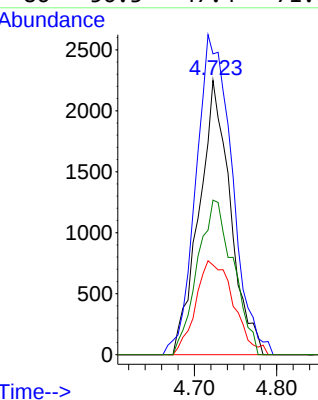
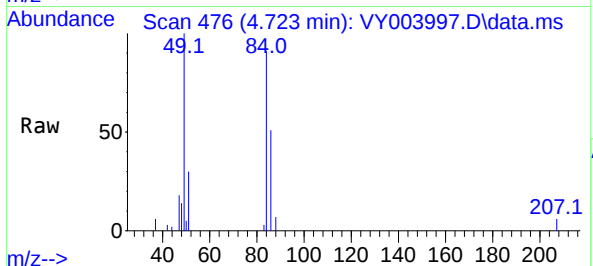
Ion Ratio Lower Upper

84 100

49 106.3 107.0 160.4#

51 32.6 31.9 47.9

86 56.3 47.4 71.0



#31

Cyclohexane

Concen: 1.27 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY003997.D

Acq: 11 Feb 2021 12:17

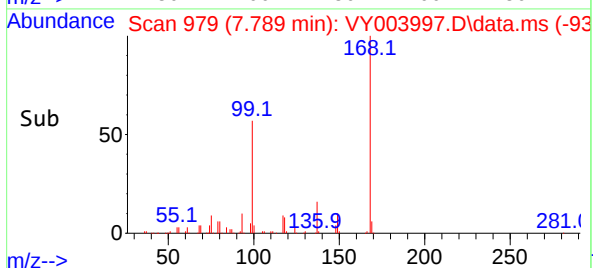
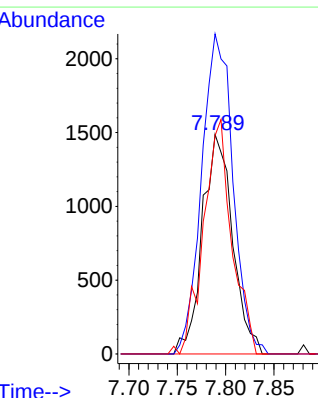
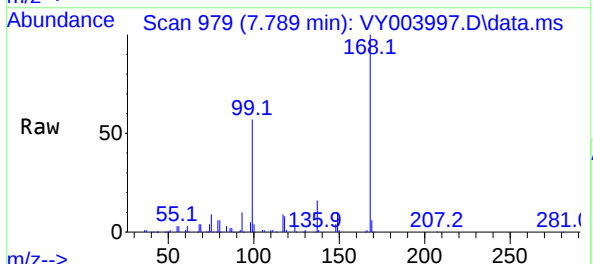
Tgt Ion: 56 Resp: 3237

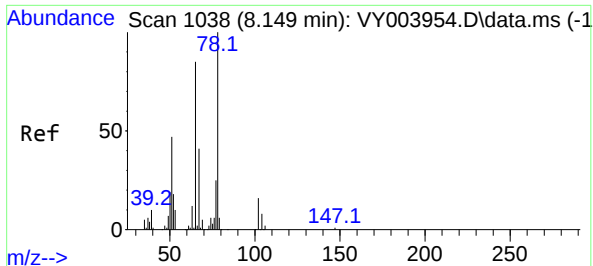
Ion Ratio Lower Upper

56 100

69 145.8 25.0 37.4#

84 99.5 64.5 96.7#

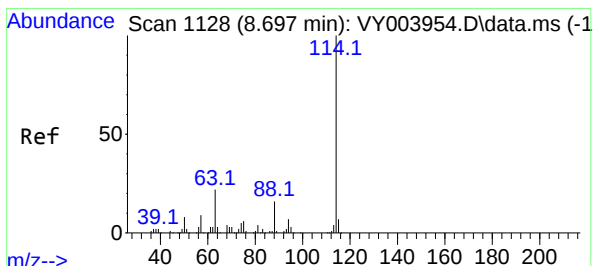
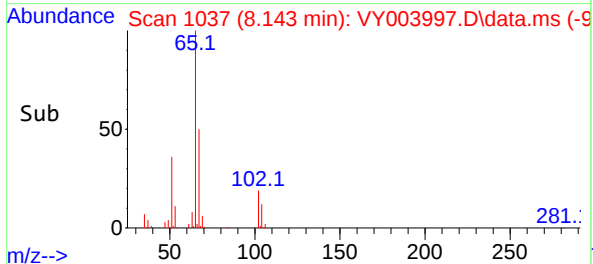
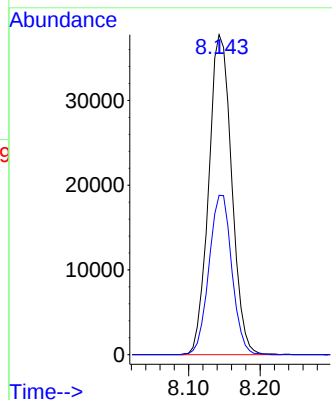
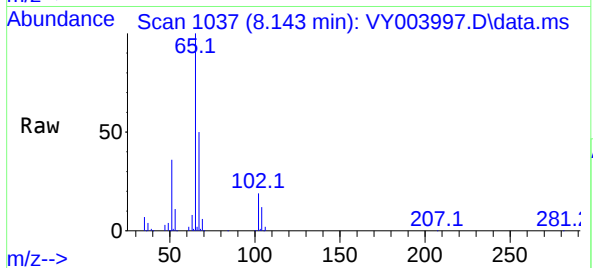




#33
1,2-Dichloroethane-d4
Concen: 55.52 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

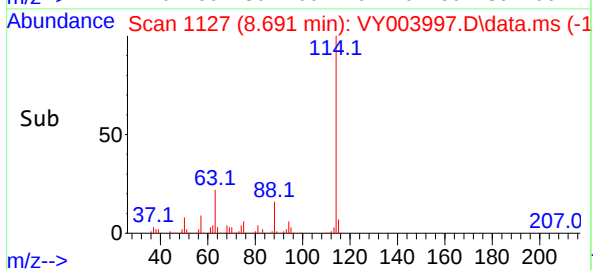
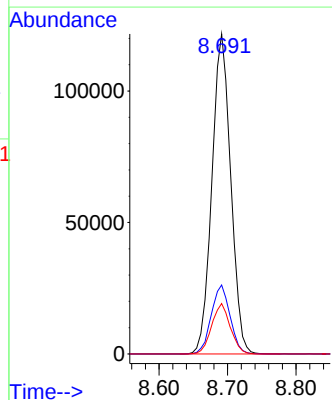
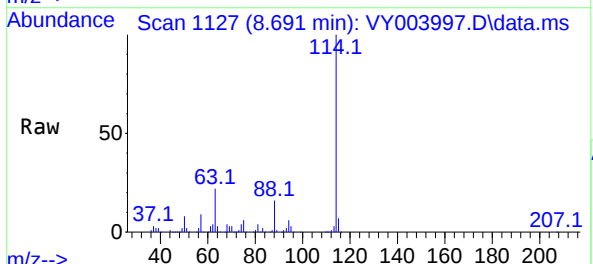
Tgt Ion: 65 Resp: 84278
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

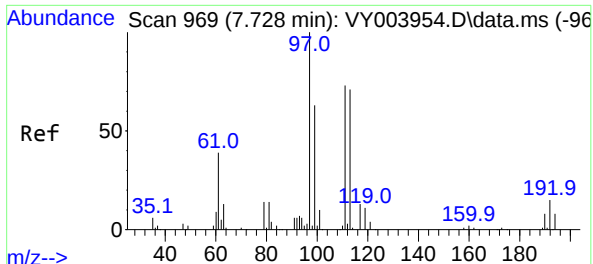
Instrument :
MSVOA_Y
ClientSampleId :



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Tgt Ion: 114 Resp: 232018
Ion Ratio Lower Upper
114 100
63 21.5 0.0 47.2
88 15.8 0.0 30.2

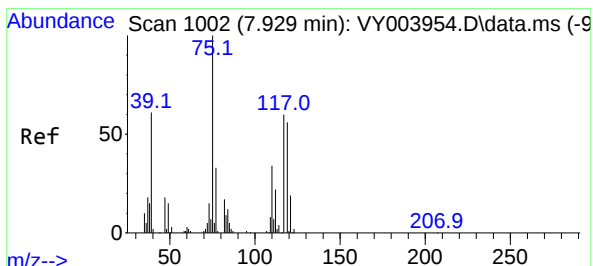
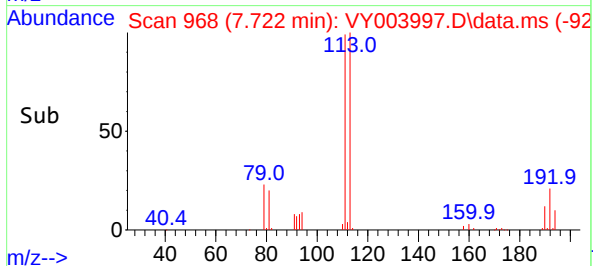
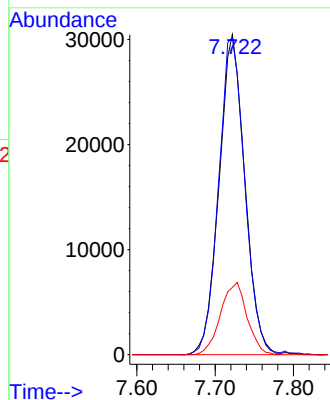
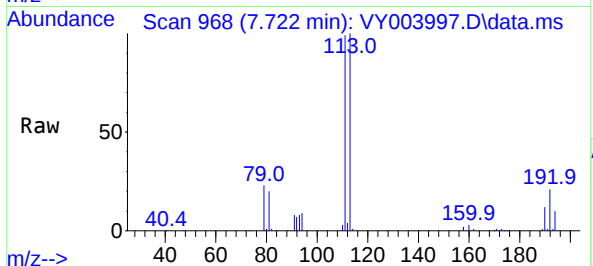




#35
Dibromofluoromethane
Concen: 51.26 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

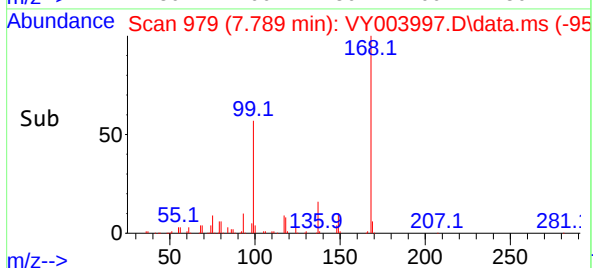
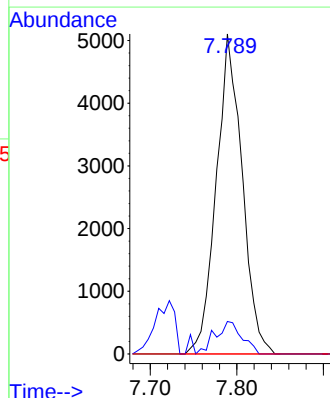
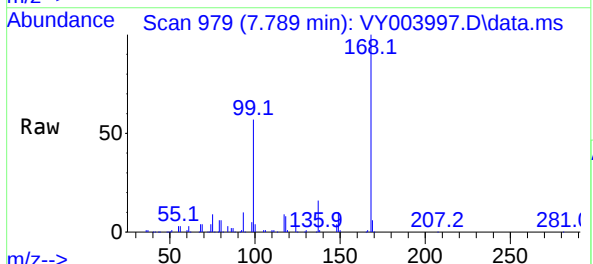
Instrument :
MSVOA_Y
ClientSampleId :

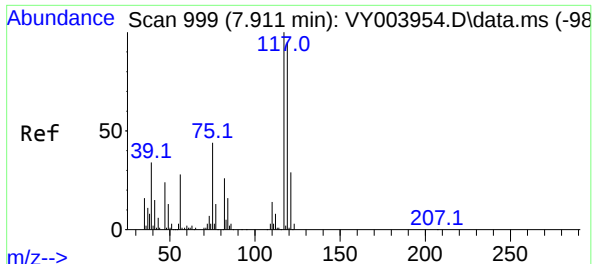
Tgt Ion:113 Resp: 69537
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 23.2 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Tgt Ion: 75 Resp: 10566
Ion Ratio Lower Upper
75 100
110 10.0 17.9 53.8#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.09 ug/l

RT: 7.795 min Scan# 980

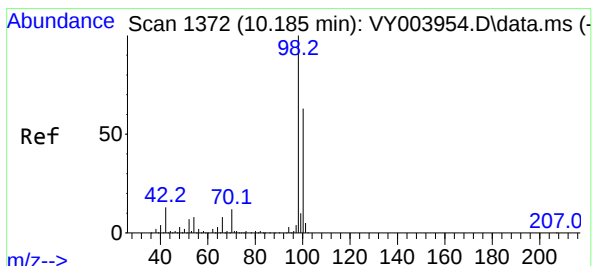
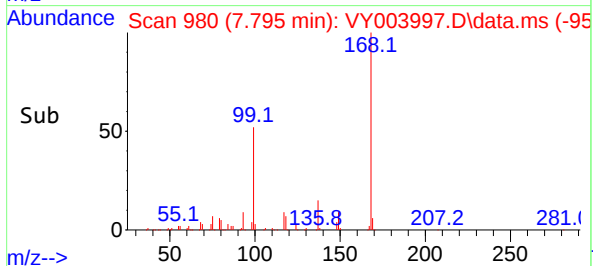
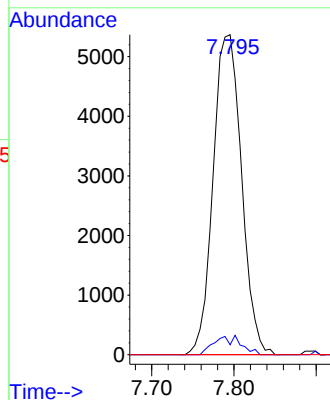
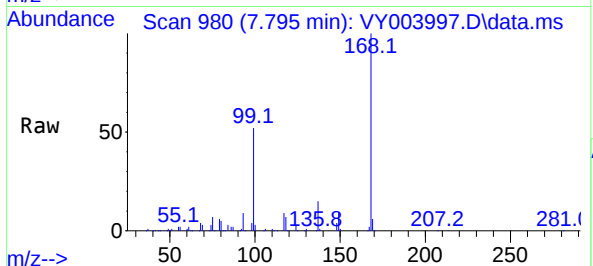
Delta R.T. -0.116 min

Lab File: VY003997.D

Acq: 11 Feb 2021 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117	Resp:	12896
Ion Ratio	Lower	Upper
117	100	
119	3.1	77.4 116.0#
121	0.0	26.1 39.1#



#50

Toluene-d8

Concen: 53.83 ug/l

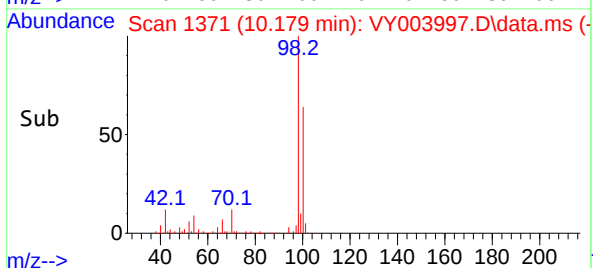
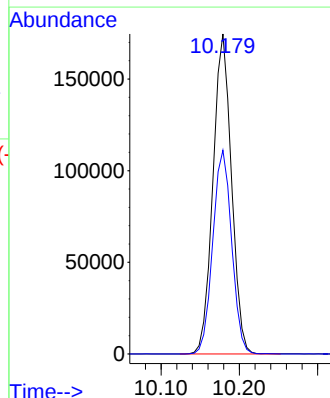
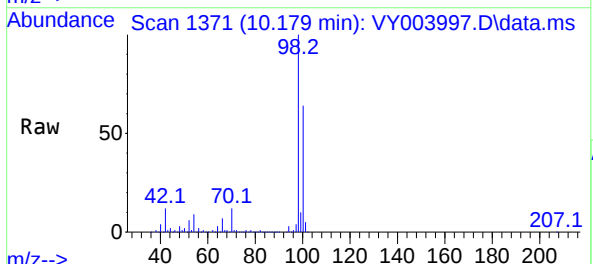
RT: 10.179 min Scan# 1371

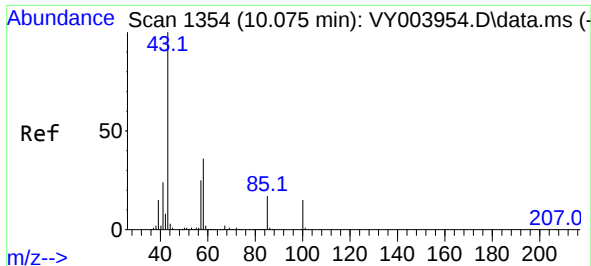
Delta R.T. -0.006 min

Lab File: VY003997.D

Acq: 11 Feb 2021 12:17

Tgt Ion: 98	Resp:	286558
Ion Ratio	Lower	Upper
98	100	
100	64.7	50.5 75.7

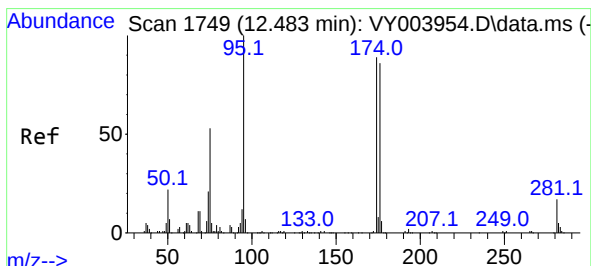
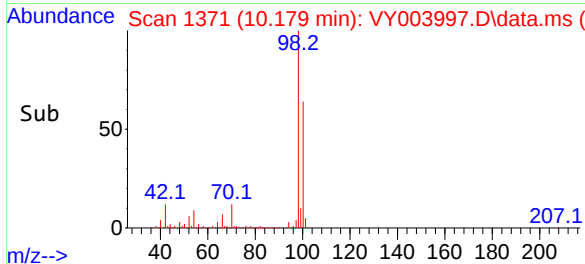
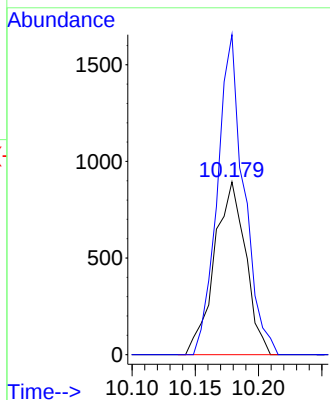
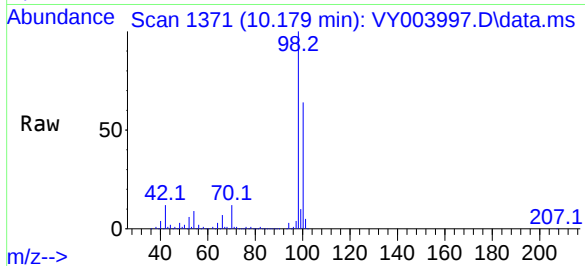




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

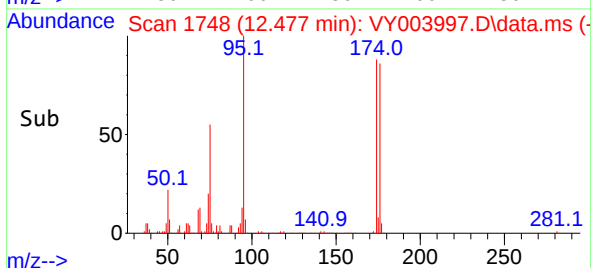
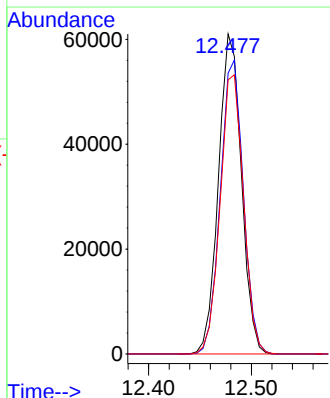
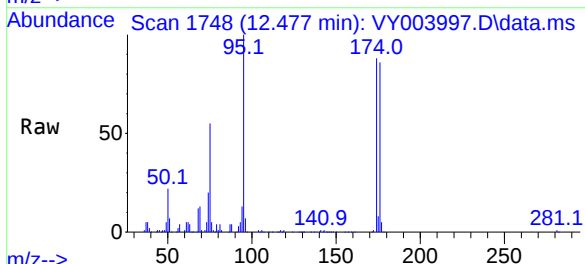
Instrument :
MSVOA_Y
ClientSampled :

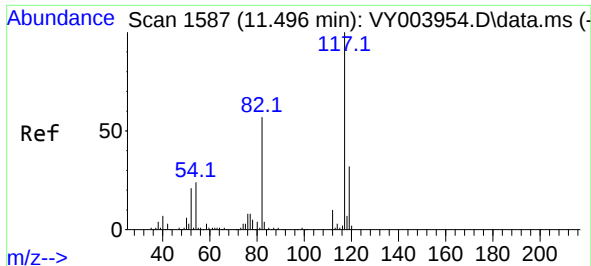
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 157.7 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 48.65 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Tgt Ion: 95 Resp: 94416
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.4
176 88.9 0.0 177.2

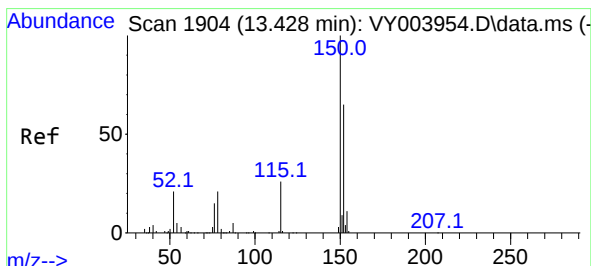
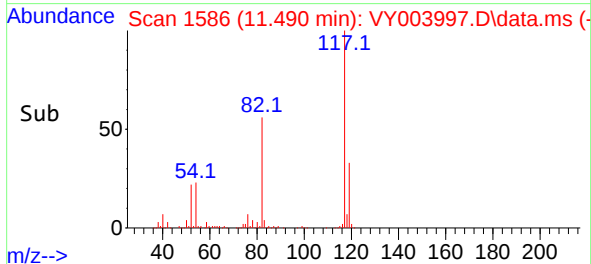
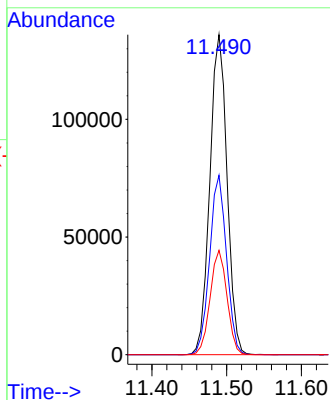
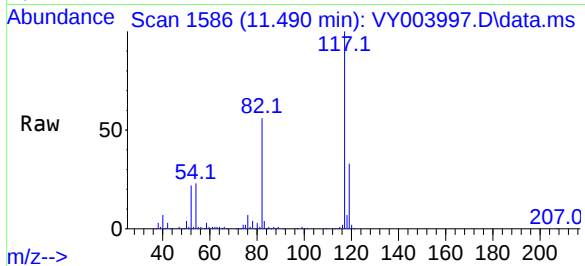




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

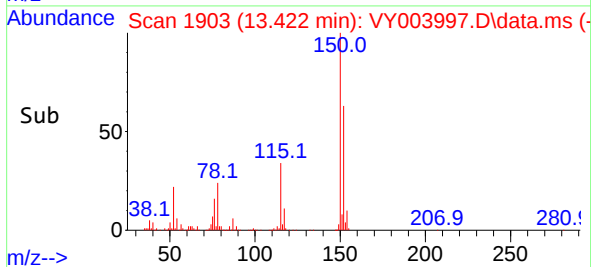
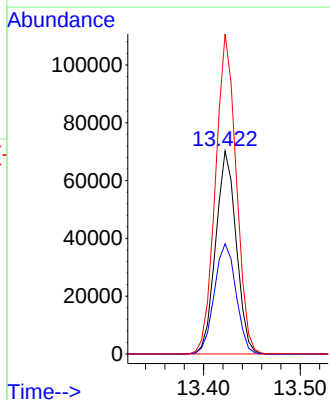
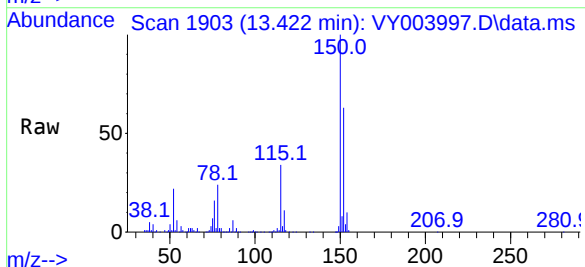
Instrument :
MSVOA_Y
ClientSampleId :

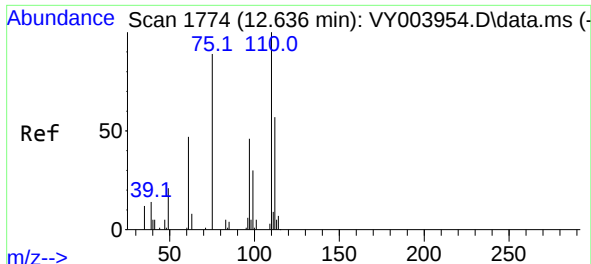
Tgt Ion:	117	Resp:	217561
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.6	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Tgt Ion:	152	Resp:	103231
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.6
150	159.7	0.0	356.2

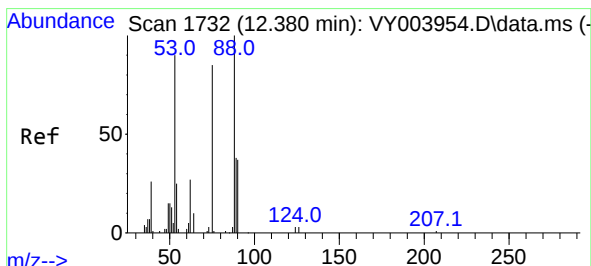
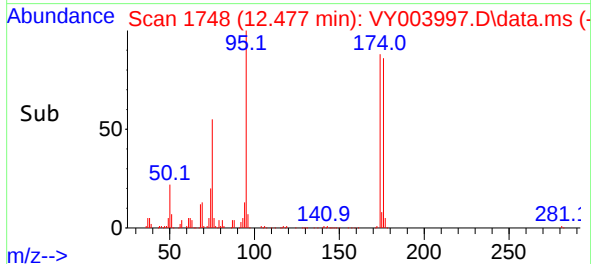
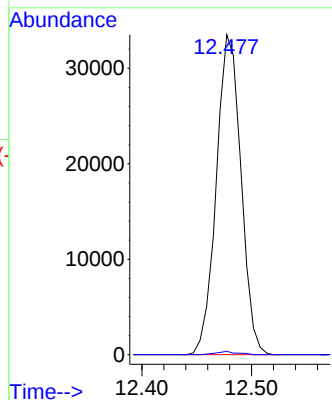
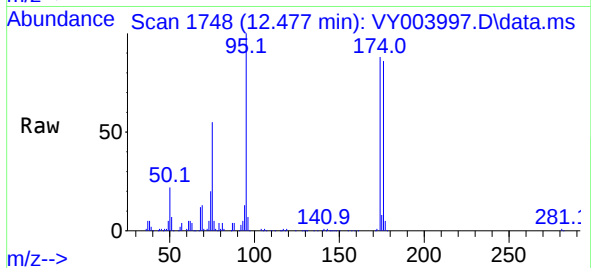




#76
1,2,3-Trichloropropane
Concen: 50.46 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 52484
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.45 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY003997.D
Acq: 11 Feb 2021 12:17

Tgt Ion: 75 Resp: 52484
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

