

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005945.D
 Acq On : 07 Sep 2021 15:38
 Operator : SY/MD
 Sample : M3624-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 15:59:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

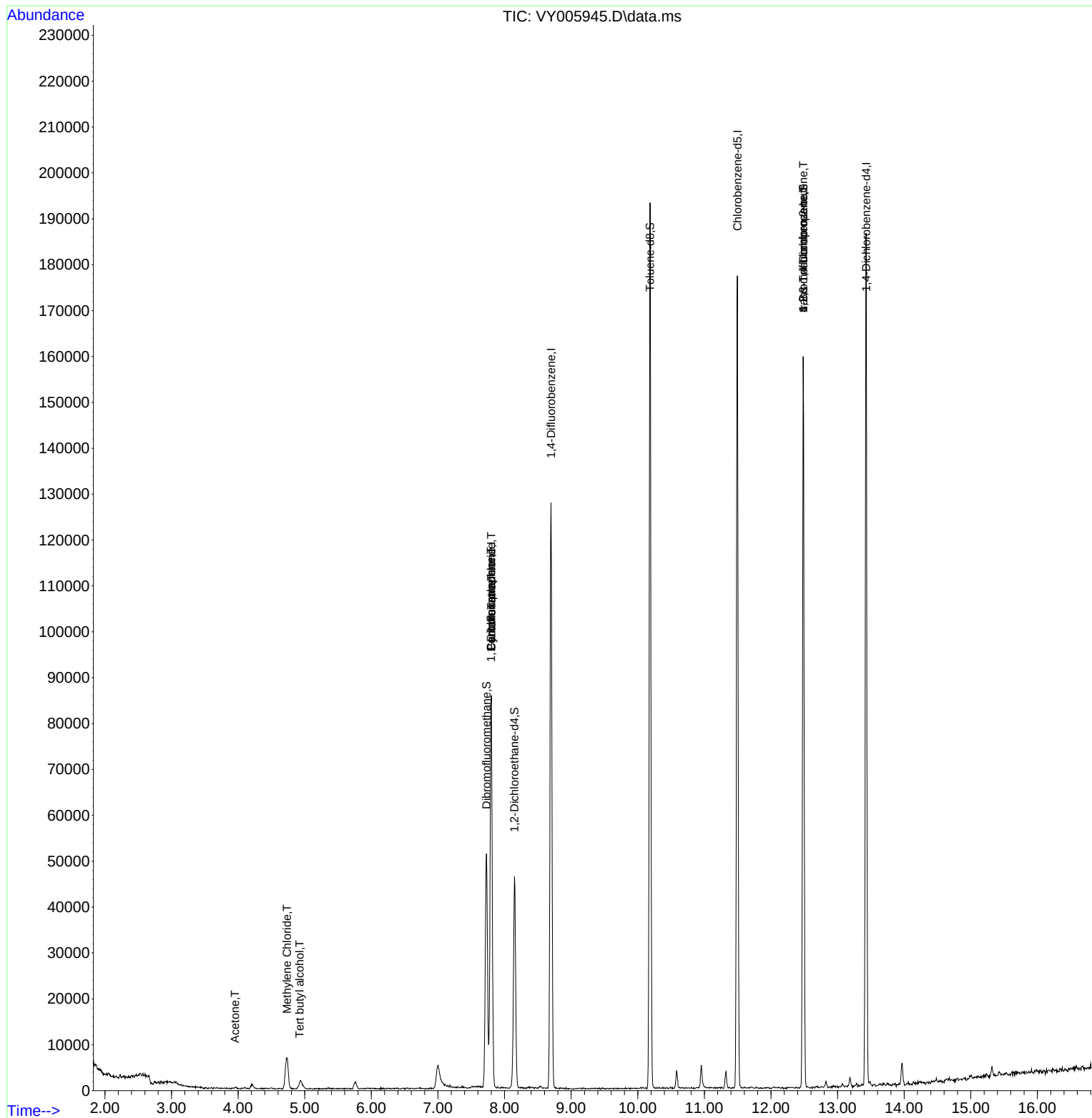
Internal Standards						
1) Pentafluorobenzene	7.801	168	72596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	113489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	100663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	35869	49.030	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.060%		
35) Dibromofluoromethane	7.728	113	35125	55.111	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.220%		
50) Toluene-d8	10.185	98	124874	46.684	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.360%		
62) 4-Bromofluorobenzene	12.483	95	41417	46.113	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.220%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	980	6.812	ug/l #	80
16) Acetone	3.954	43	610	3.270	ug/l #	77
20) Methylene Chloride	4.735	84	5757	3.339	ug/l	90
31) Cyclohexane	7.801	56	1247	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	5184	4.852	ug/l #	48
38) Carbon Tetrachloride	7.801	117	6525	5.634	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	21856	46.129	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21856	87.727	ug/l #	14

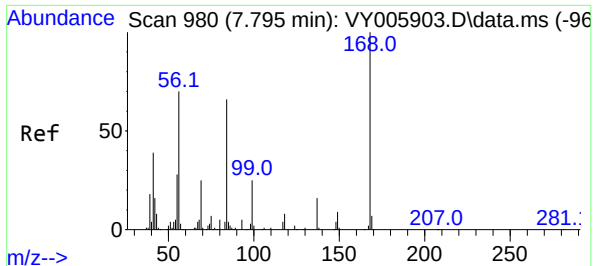
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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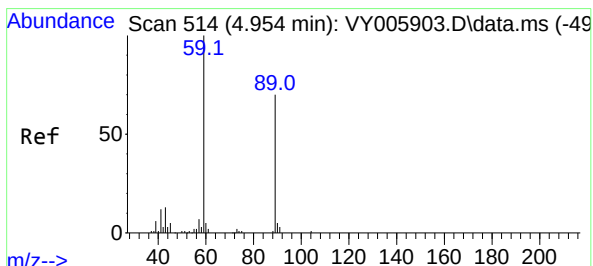
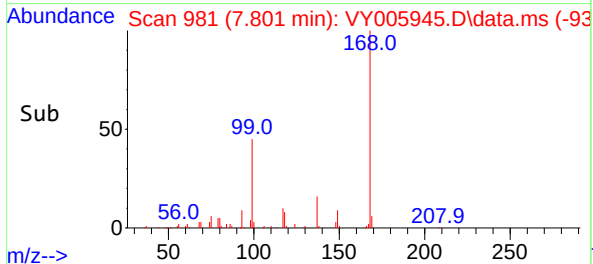
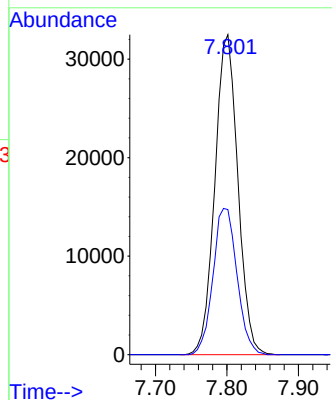
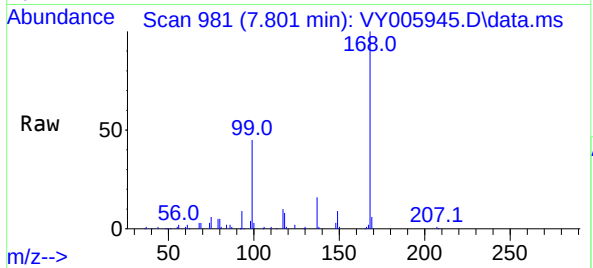




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

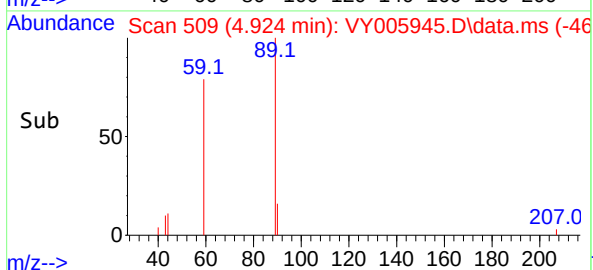
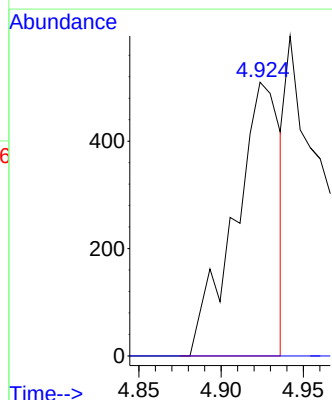
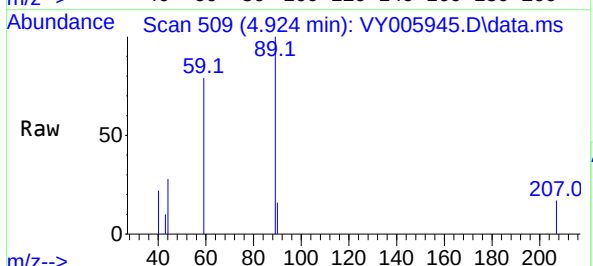
Instrument :
MSVOA_Y
ClientSampleId :

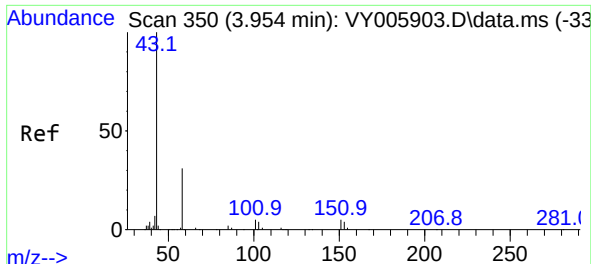
Tgt Ion:168 Resp: 72596
Ion Ratio Lower Upper
168 100
99 45.3 40.6 60.8



#11
Tert butyl alcohol
Concen: 6.812 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

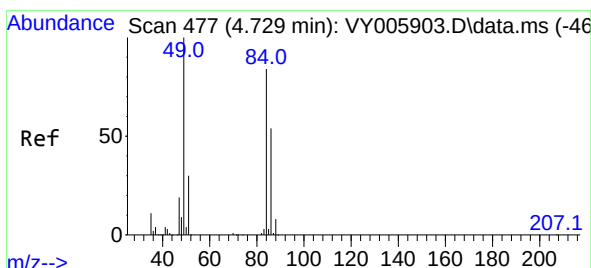
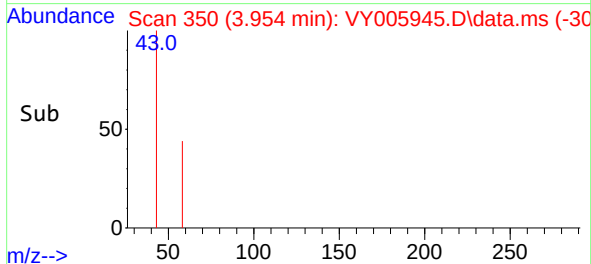
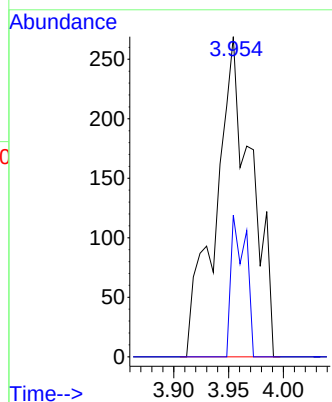
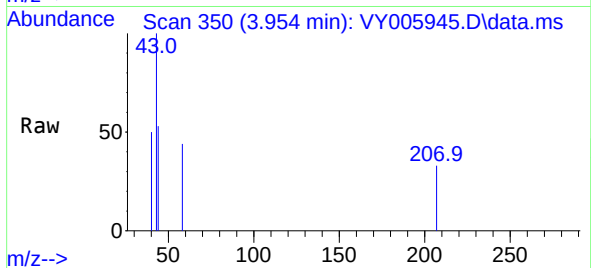




#16
Acetone
Concen: 3.270 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

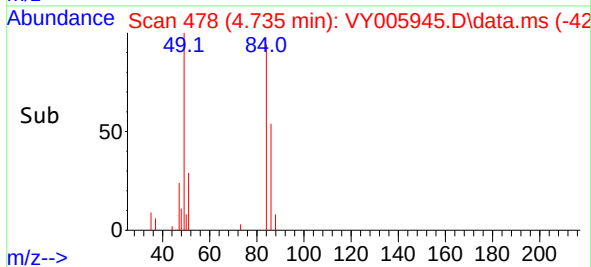
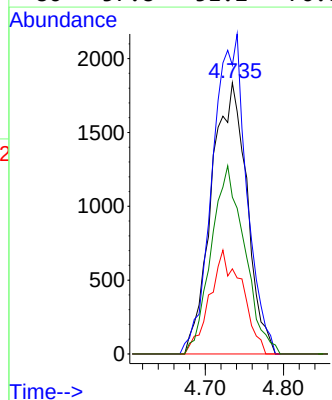
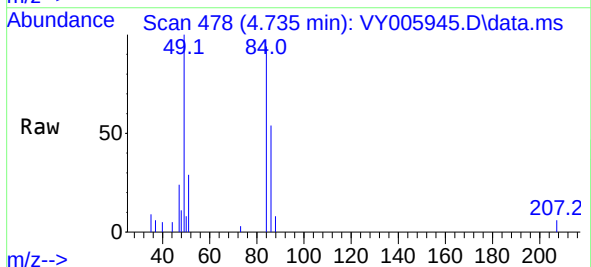
Instrument :
MSVOA_Y
ClientSampleId :

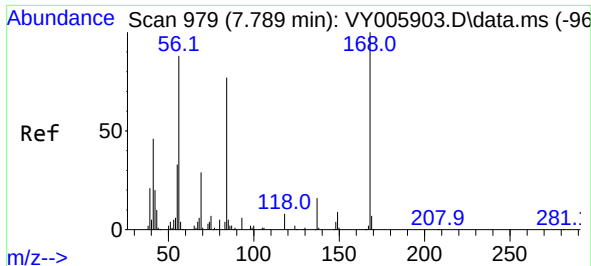
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 44.2 25.1 37.7#



#20
Methylene Chloride
Concen: 3.339 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion: 84 Resp: 5757
Ion Ratio Lower Upper
84 100
49 106.5 95.7 143.5
51 31.4 29.0 43.6
86 57.8 51.2 76.8

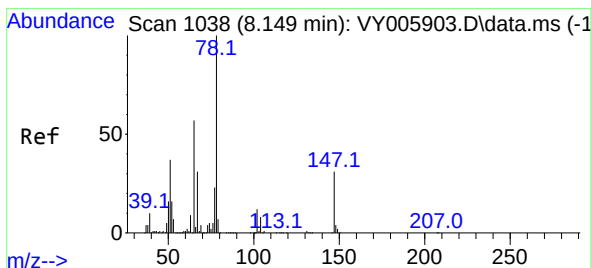
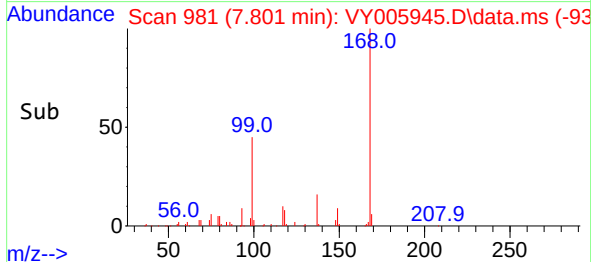
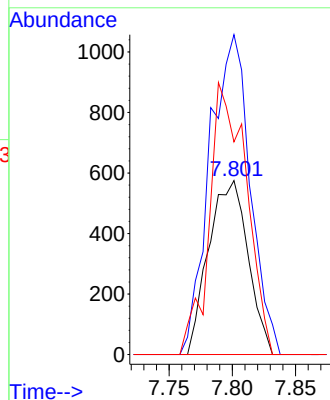
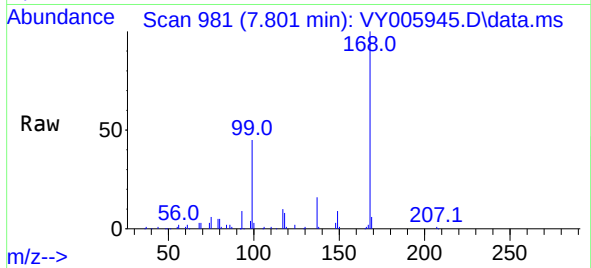




#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

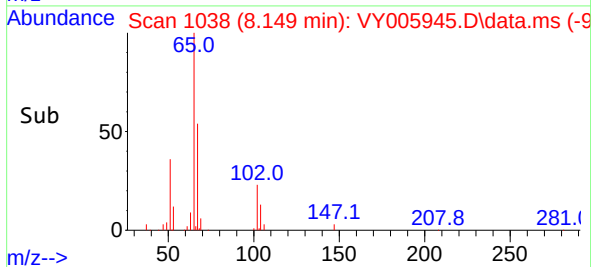
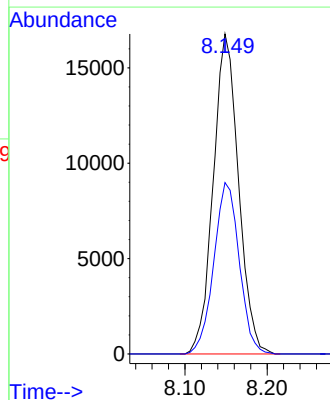
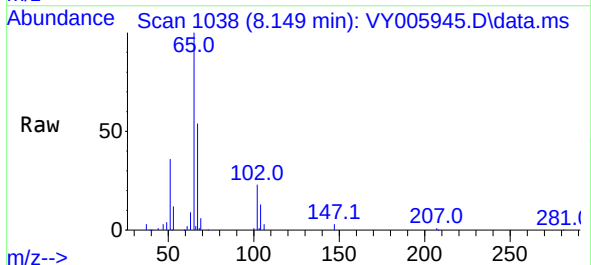
Instrument :
MSVOA_Y
ClientSampleId :

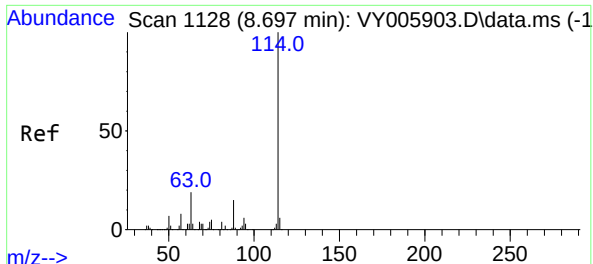
Tgt Ion: 56 Resp: 1247
Ion Ratio Lower Upper
56 100
69 183.8 26.3 39.5#
84 122.3 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 49.030 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion: 65 Resp: 35869
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4



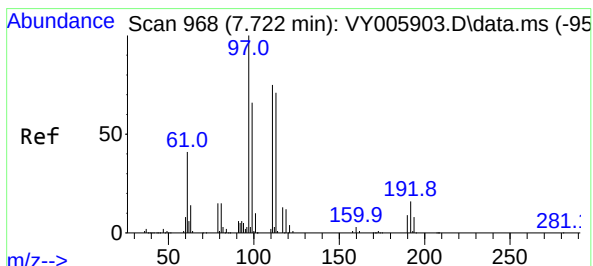
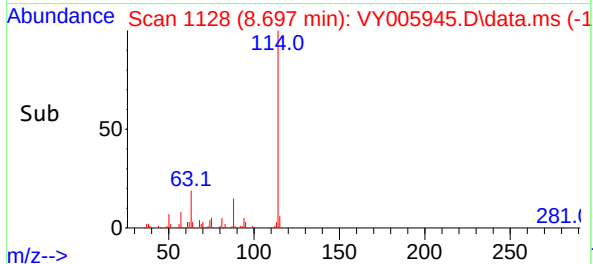
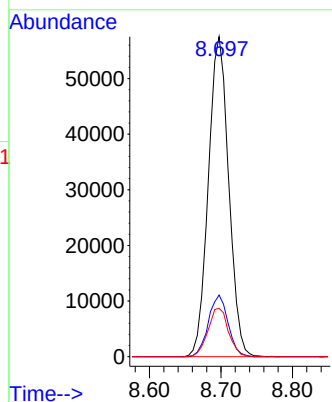
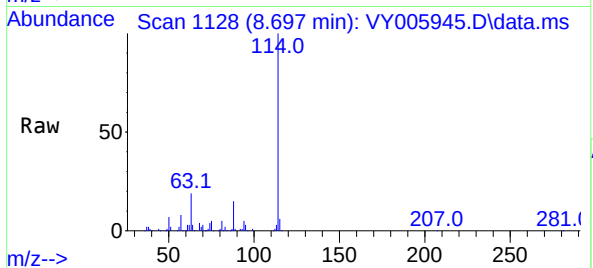


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :

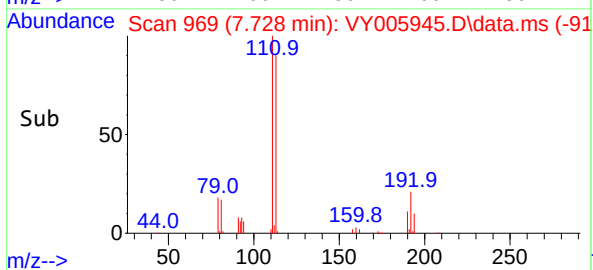
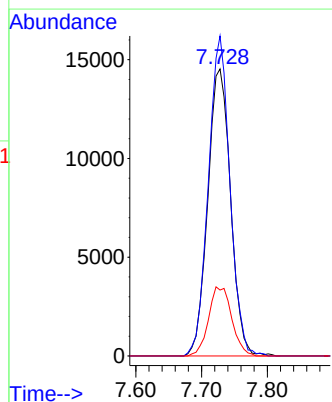
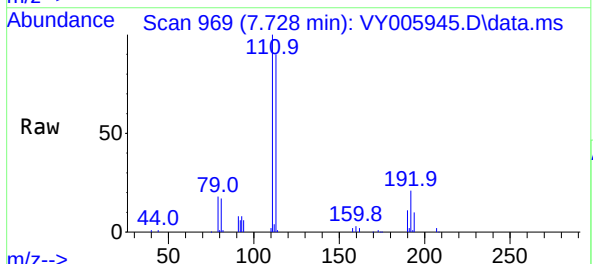
Tgt Ion:	114	Resp:	113489
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.1	0.0	30.0

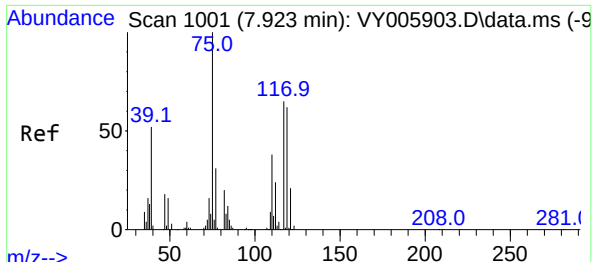


#35

Dibromofluoromethane
Concen: 55.111 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion:	113	Resp:	35125
Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.9	122.9
192	24.4	19.4	29.0

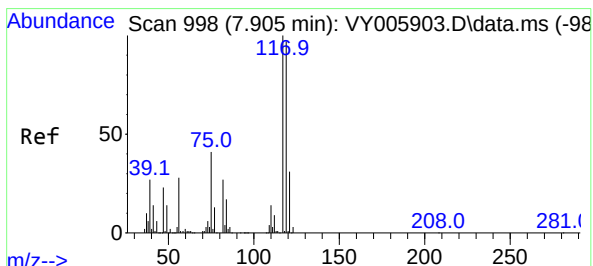
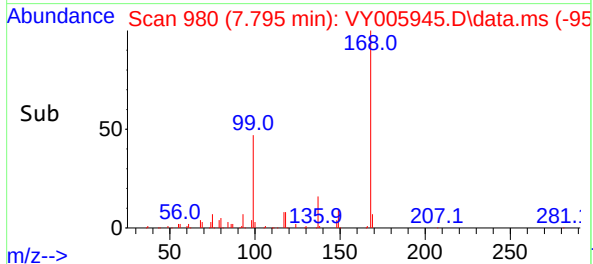
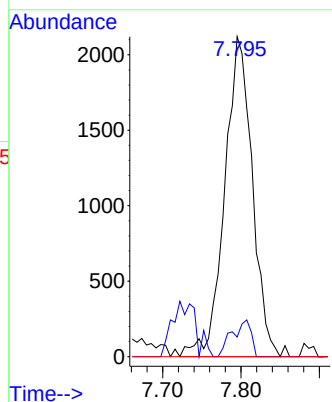
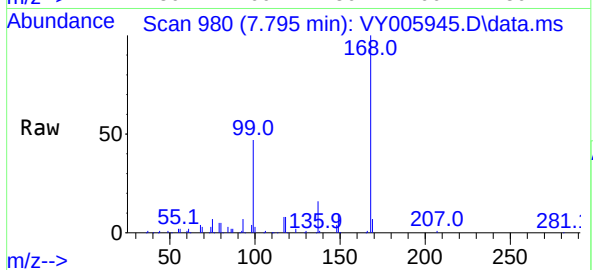




#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

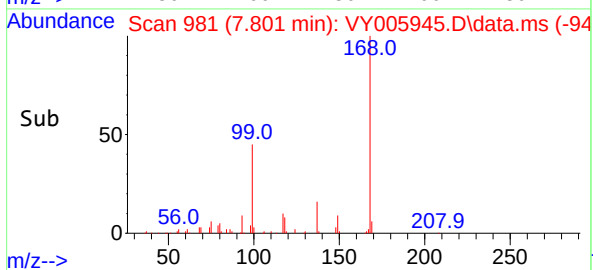
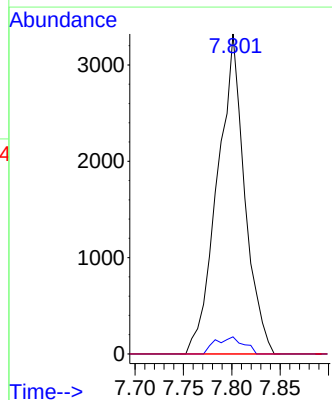
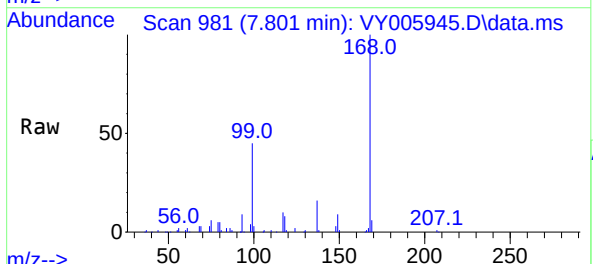
Instrument :
MSVOA_Y
ClientSampleId :

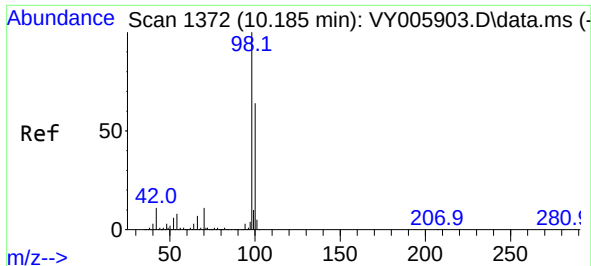
Tgt Ion: 75 Resp: 5184
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.634 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion: 117 Resp: 6525
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.0 25.0 37.6#

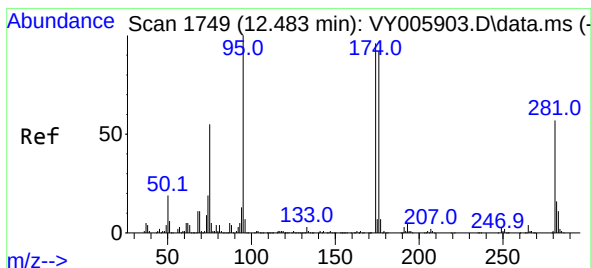
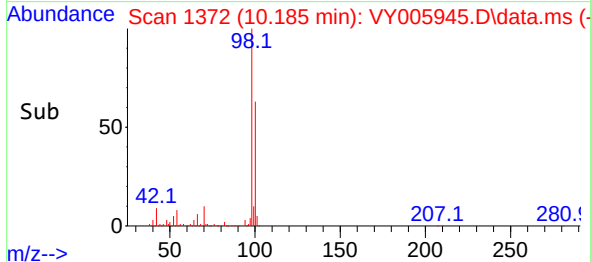
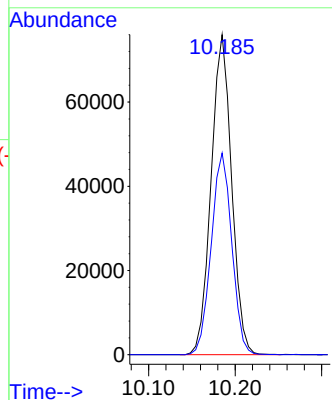
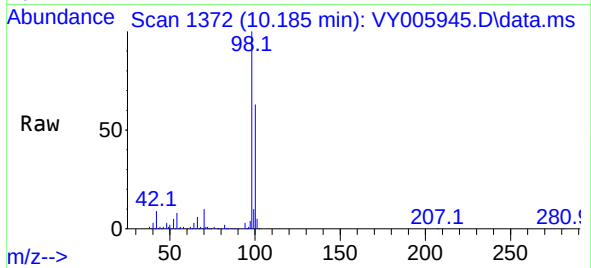




#50
Toluene-d8
Concen: 46.684 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

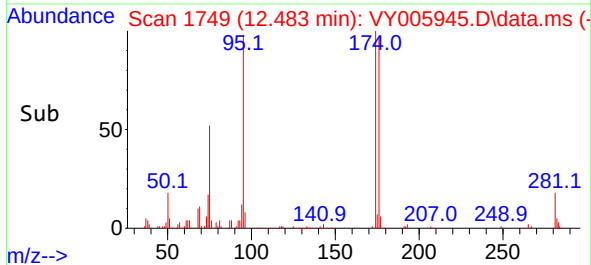
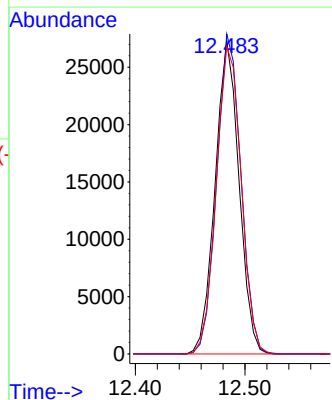
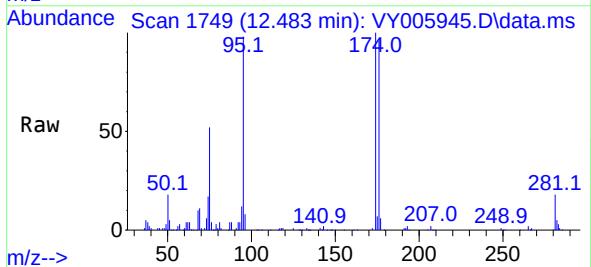
Instrument :
MSVOA_Y
ClientSampled :

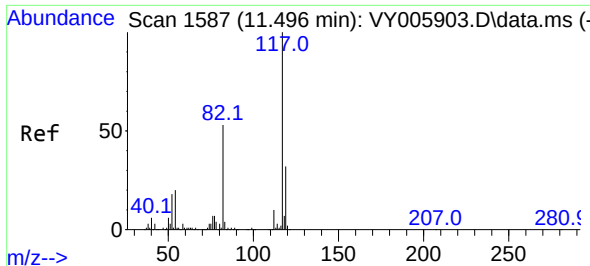
Tgt Ion: 98 Resp: 124874
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion: 95 Resp: 41417
Ion Ratio Lower Upper
95 100
174 103.4 0.0 192.4
176 101.9 0.0 186.8

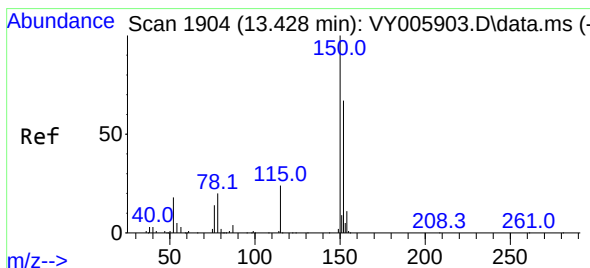
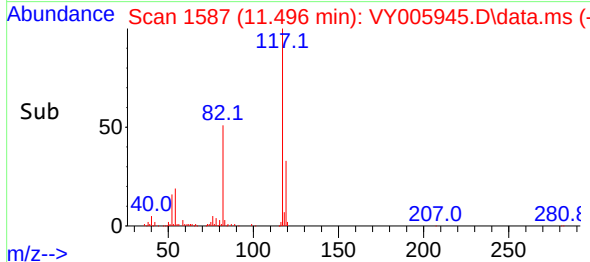
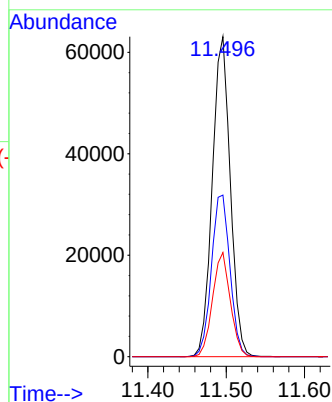
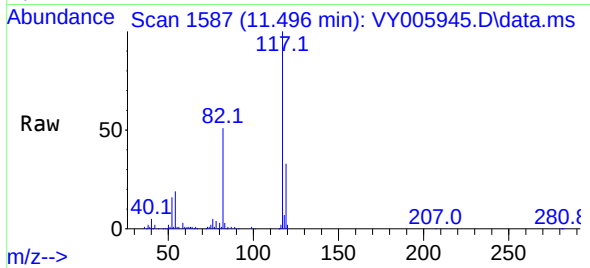




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

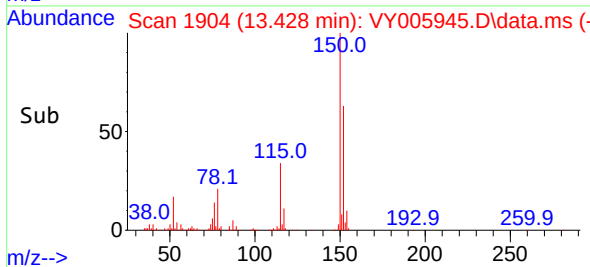
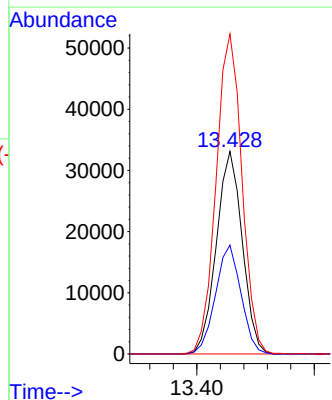
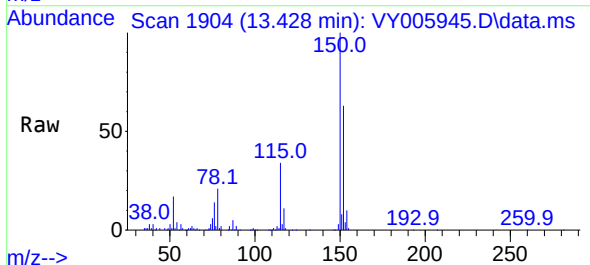
Instrument :
MSVOA_Y
ClientSampled :

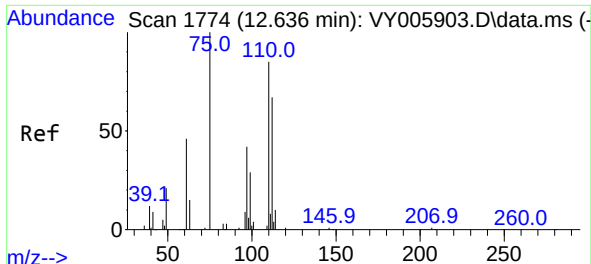
Tgt Ion:117 Resp: 100663
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion:152 Resp: 50622
Ion Ratio Lower Upper
152 100
115 53.1 26.8 80.4
150 158.1 0.0 345.6

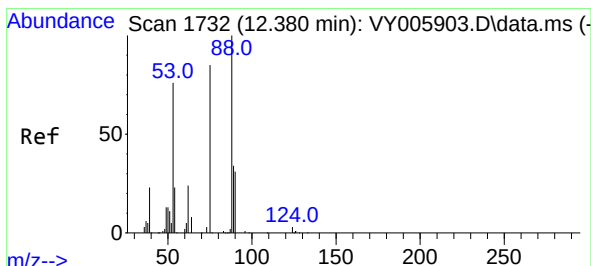
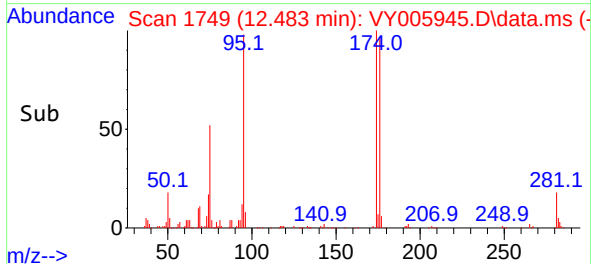
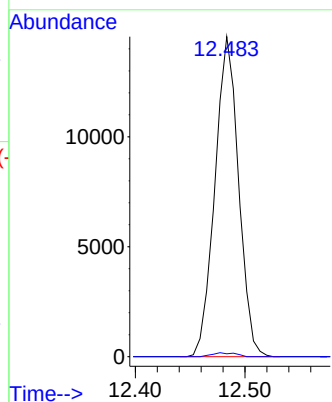
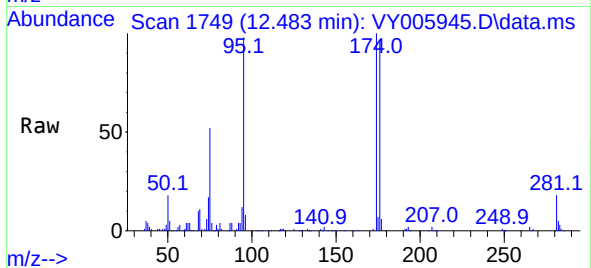




#76
1,2,3-Trichloropropane
Concen: 46.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 21856
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005945.D
Acq: 07 Sep 2021 15:38

Tgt Ion: 75 Resp: 21856
Ion Ratio Lower Upper
75 100
53 0.1 71.8 107.8#
89 0.0 35.8 53.6#

