

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006162.D
 Acq On : 27 Sep 2021 14:48
 Operator : SY/MD
 Sample : M3939-01RE
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Sep 27 18:12:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

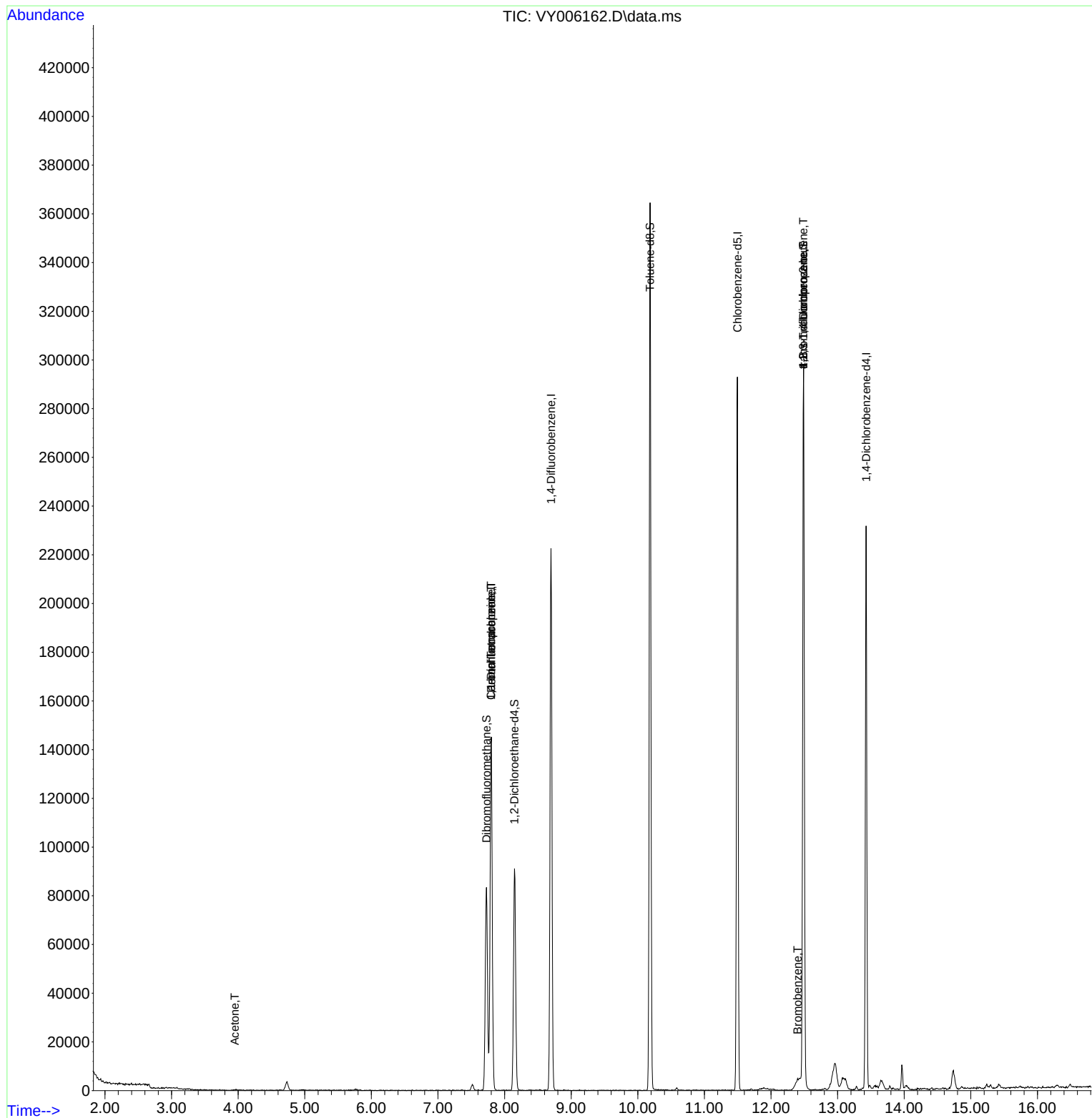
Internal Standards						
1) Pentafluorobenzene	7.801	168	114796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	155724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77182	48.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.800%		
35) Dibromofluoromethane	7.728	113	55670	48.667	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.185	98	226959	46.553	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.100%		
62) 4-Bromofluorobenzene	12.483	95	58449	35.311	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	70.620%		
Target Compounds						
11) Tert butyl alcohol	4.948	59	406	Below Cal	#	77
16) Acetone	3.948	43	641	1.466	ug/l #	88
20) Methylene Chloride	4.734	84	2548	Below Cal	#	76
36) 1,1-Dichloropropene	7.795	75	8375	4.213	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10973	5.071	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	34595	57.073	ug/l #	100
77) Bromobenzene	12.398	156	2974	2.863	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	34595	104.930	ug/l #	8

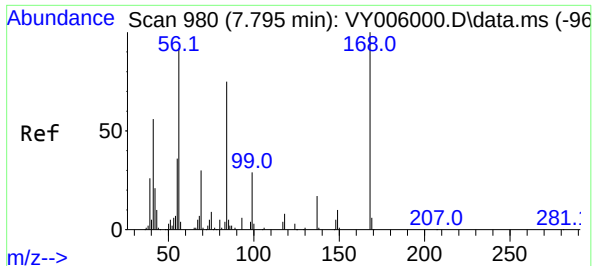
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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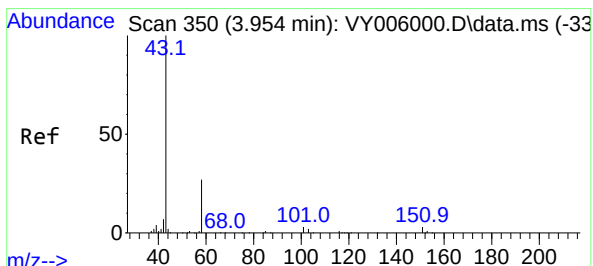
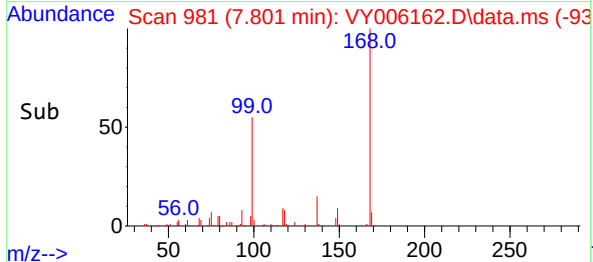
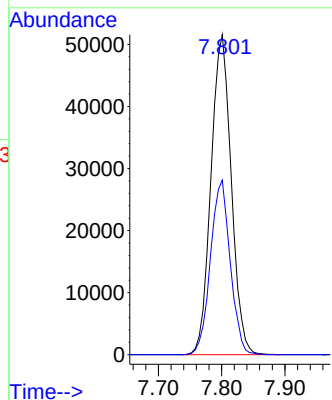
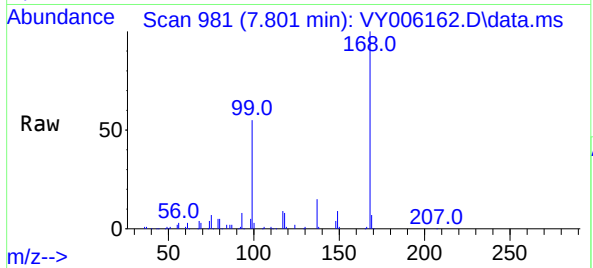




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

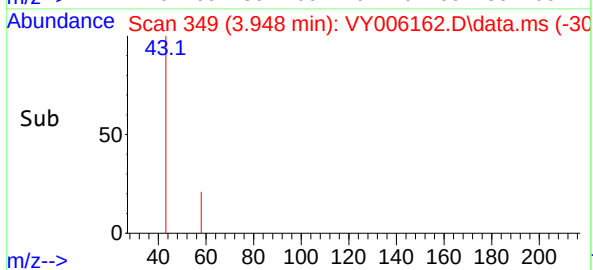
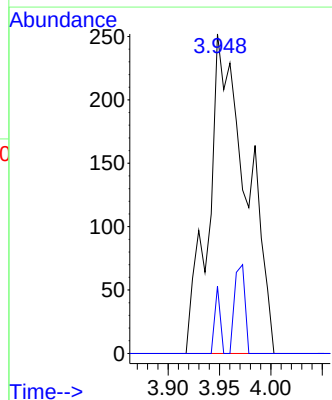
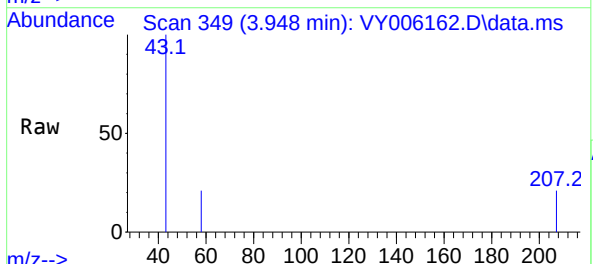
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

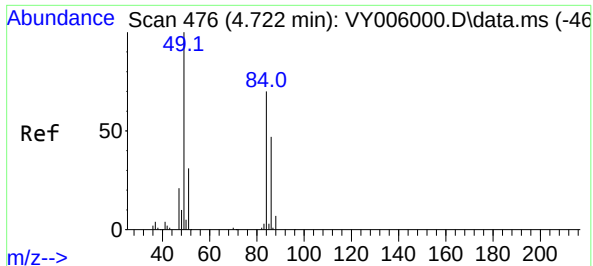
Tgt Ion:168 Resp: 114796
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 1.466 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 21.0 22.0 33.0#



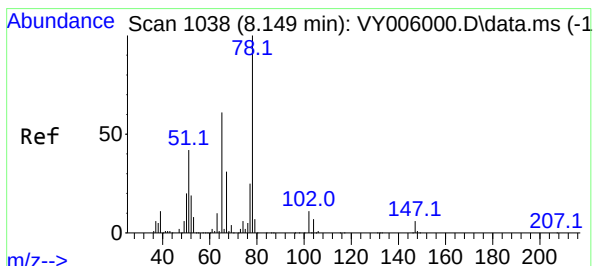
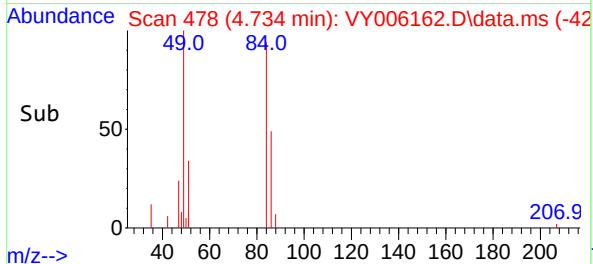
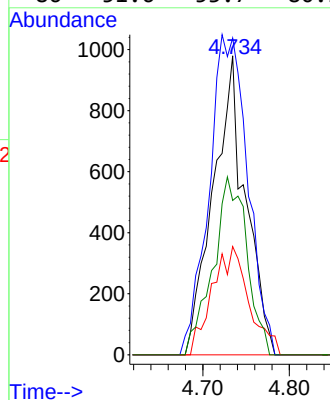
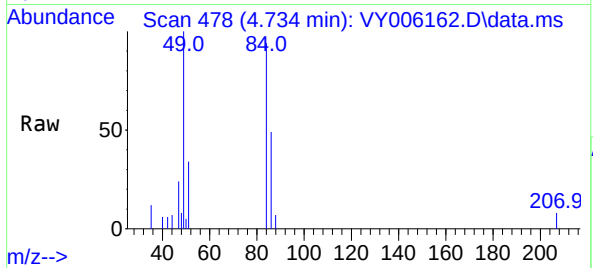


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Instrument :
MSVOA_Y
ClientSampled :
TS-1

Tgt Ion: 84 Resp: 2548

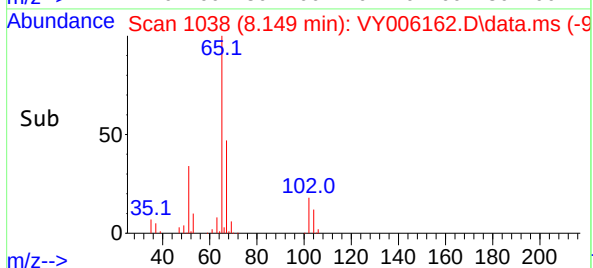
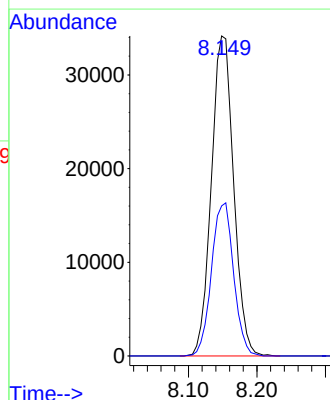
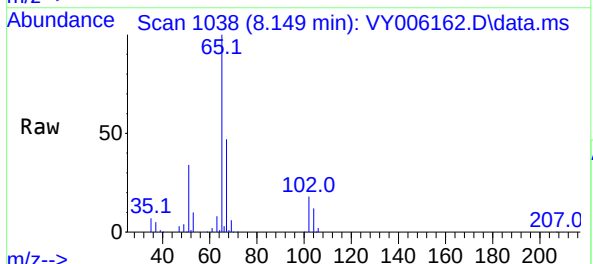
Ion	Ratio	Lower	Upper
84	100		
49	105.9	114.4	171.6#
51	36.2	35.3	52.9
86	51.6	53.7	80.5#

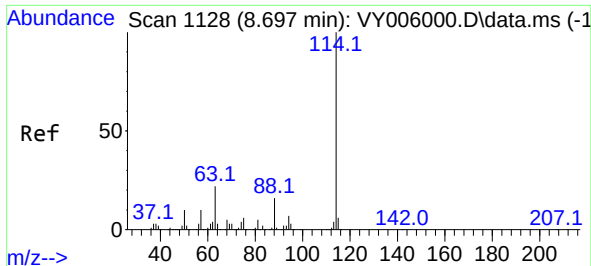


#33
1,2-Dichloroethane-d4
Concen: 48.403 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion: 65 Resp: 77182

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	99.4



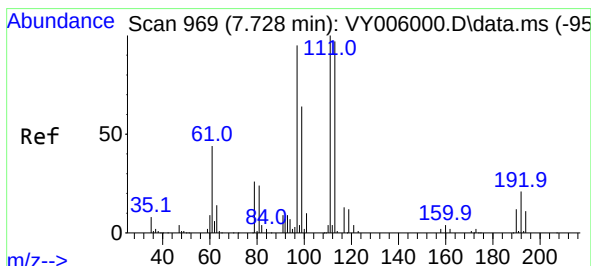
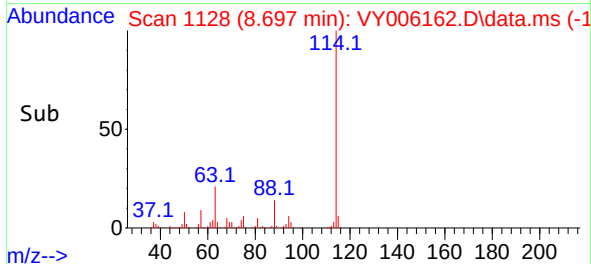
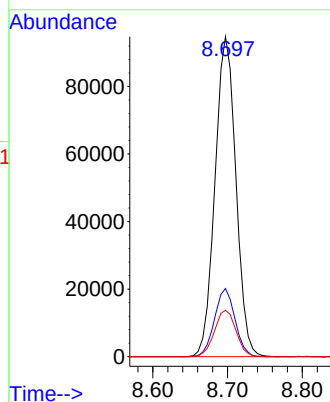
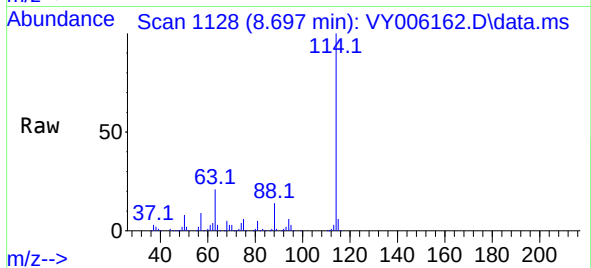


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Instrument :
MSVOA_Y
ClientSampled :
TS-1

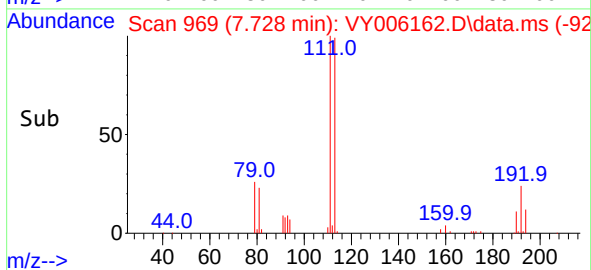
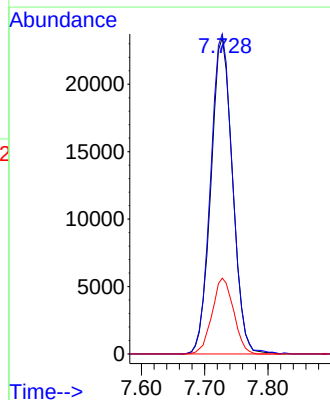
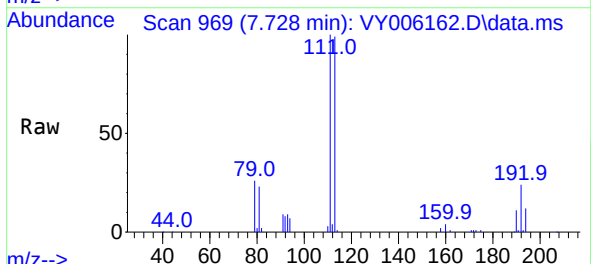
Tgt Ion:	114	Resp:	184167
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	14.5	0.0	31.8

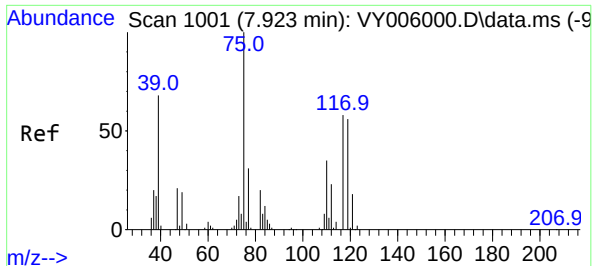


#35

Dibromofluoromethane
Concen: 48.667 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion:	113	Resp:	55670
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	23.8	17.6	26.4

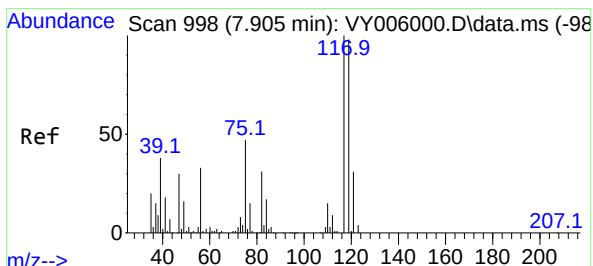
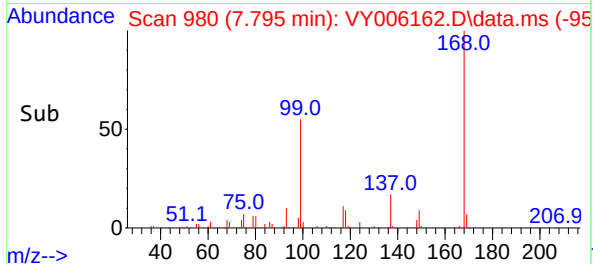
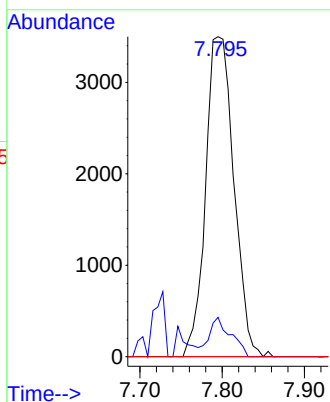
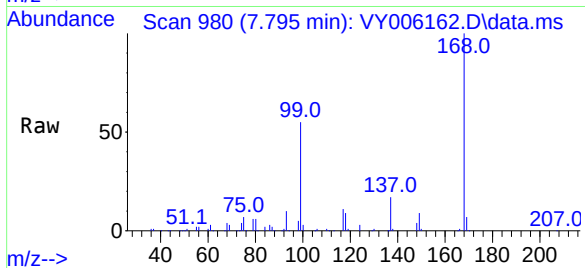




#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

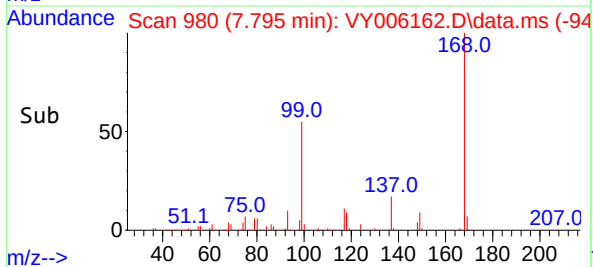
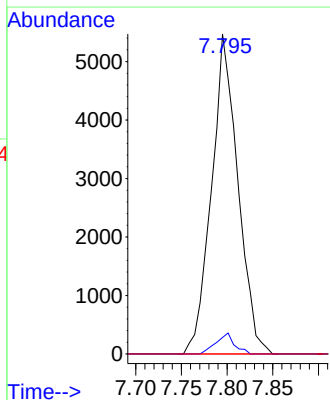
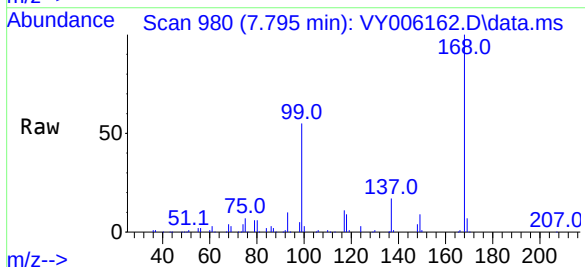
Instrument :
MSVOA_Y
ClientSampled :
TS-1

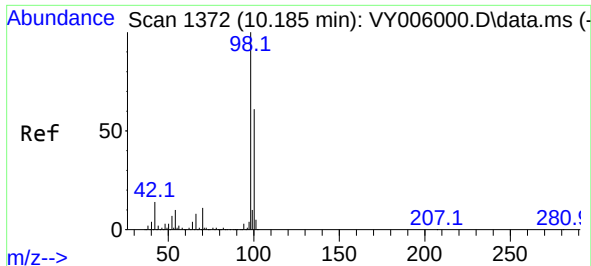
Tgt Ion: 75 Resp: 8375
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion: 117 Resp: 10973
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

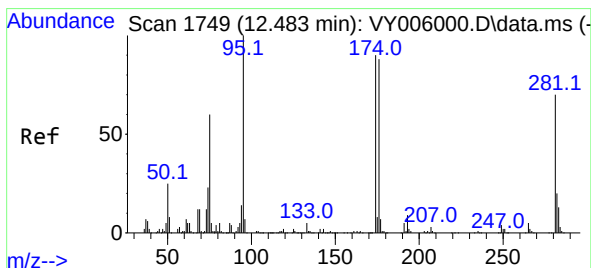
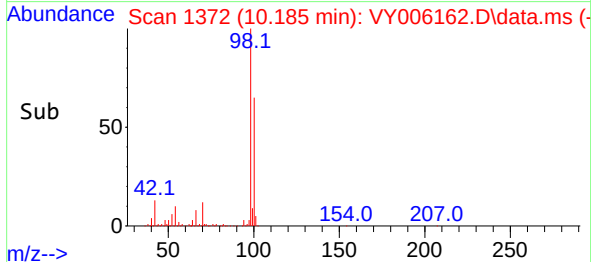
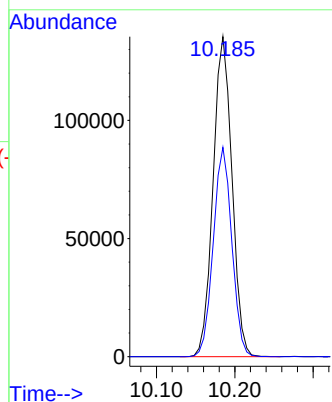
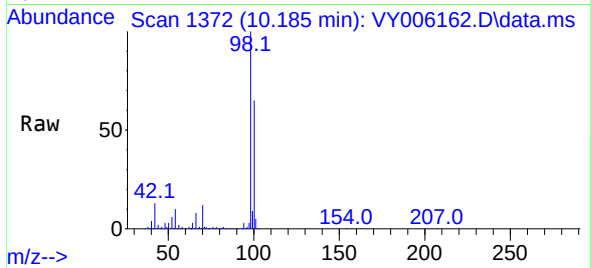




#50
Toluene-d8
Concen: 46.553 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

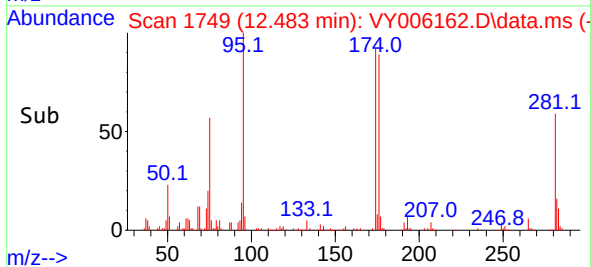
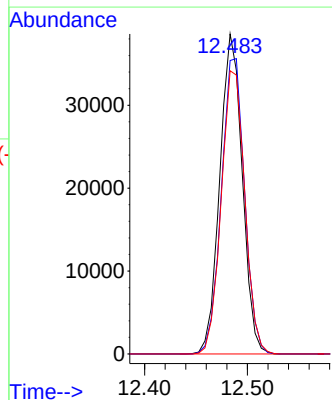
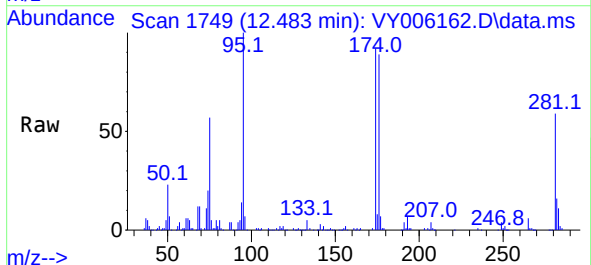
Instrument :
MSVOA_Y
ClientSampled :
TS-1

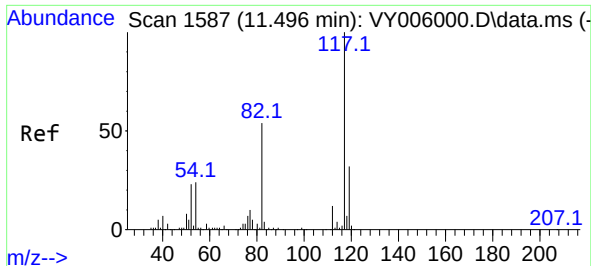
Tgt Ion: 98 Resp: 226959
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion: 95 Resp: 58449
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.7 0.0 175.8

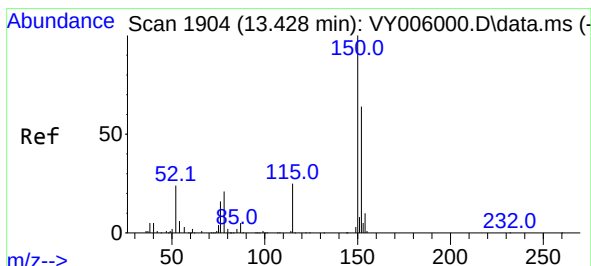
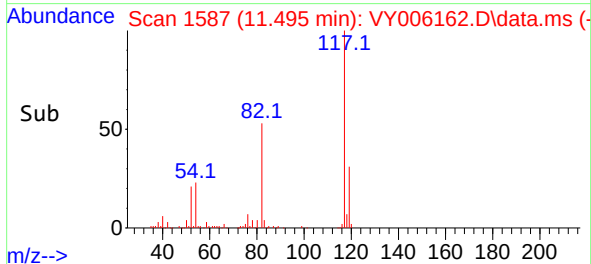
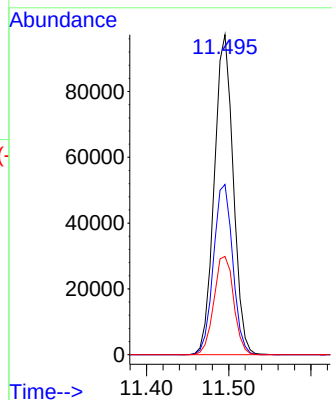
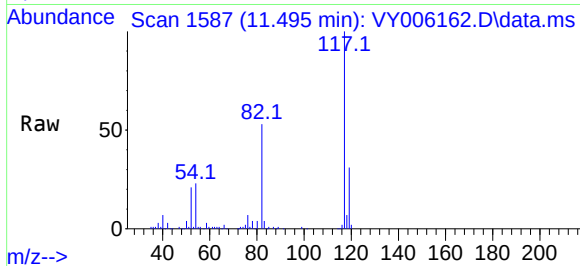




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

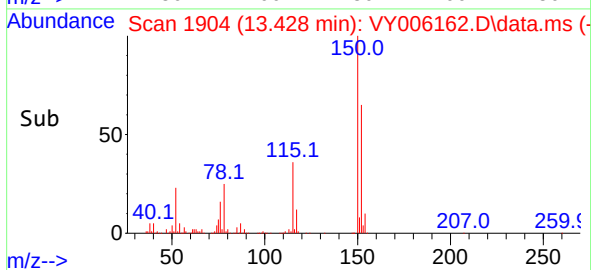
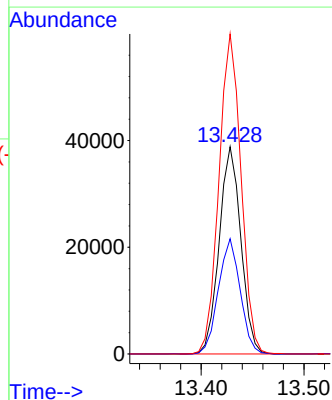
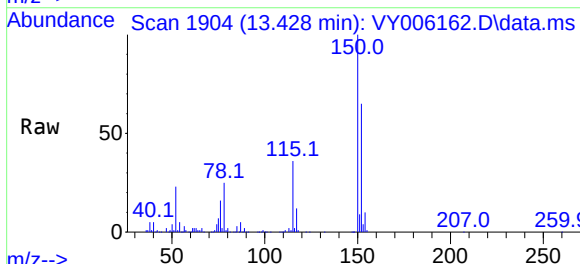
Instrument :
MSVOA_Y
ClientSampleId :
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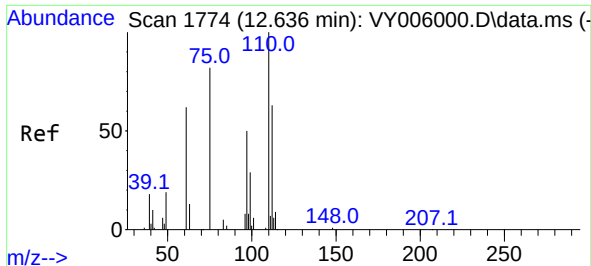
Tgt Ion:	117	Resp:	155724
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	30.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion:	152	Resp:	56852
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	157.1	0.0	347.6

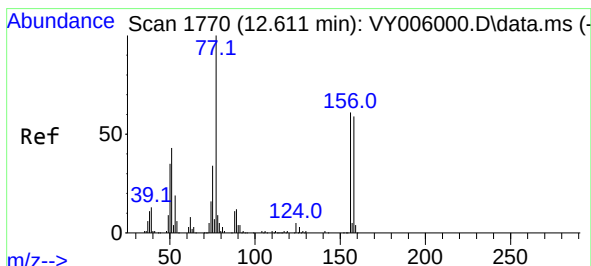
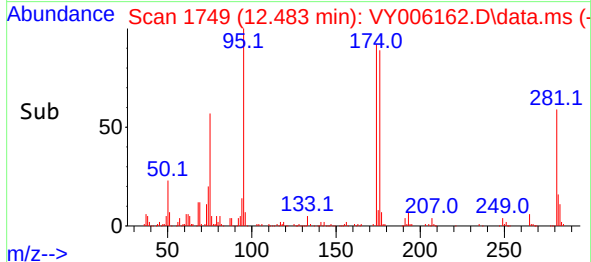
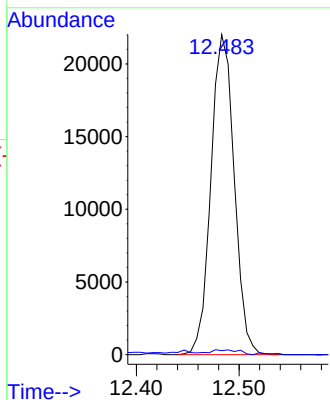
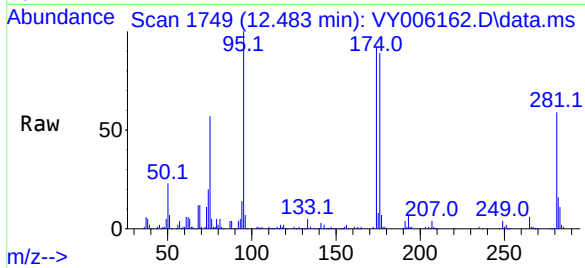




#76
1,2,3-Trichloropropane
Concen: 57.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

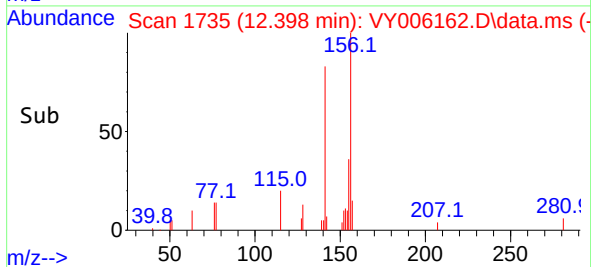
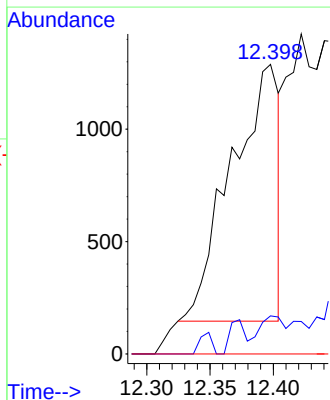
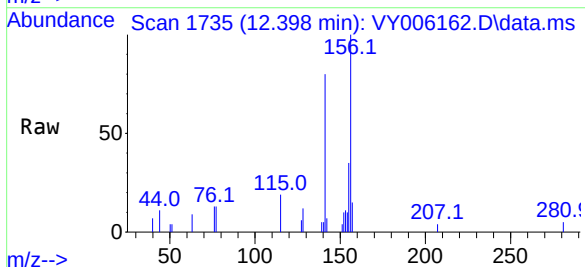
Instrument :
MSVOA_Y
ClientSampled :
TS-1

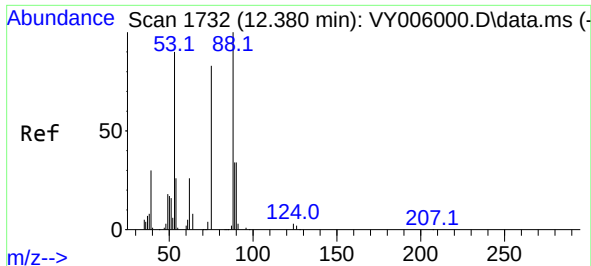
Tgt Ion: 75 Resp: 34595
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#77
Bromobenzene
Concen: 2.863 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.213 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

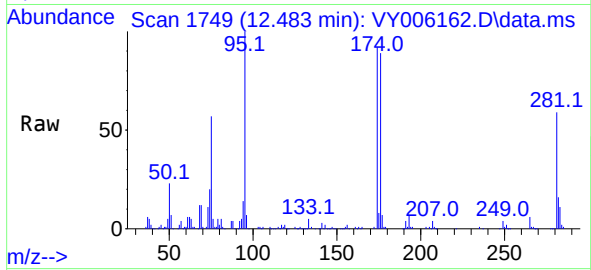
Tgt Ion:156 Resp: 2974
Ion Ratio Lower Upper
156 100
77 8.2 95.5 286.4#
158 0.0 48.0 144.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.930 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006162.D
 Acq: 27 Sep 2021 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1



Tgt Ion: 75 Resp: 34595
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.0 37.0 55.4#

