

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006158.D
 Acq On : 27 Sep 2021 13:16
 Operator : SY/MD
 Sample : M3939-01
 Misc : 5.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Sep 27 18:12:12 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)

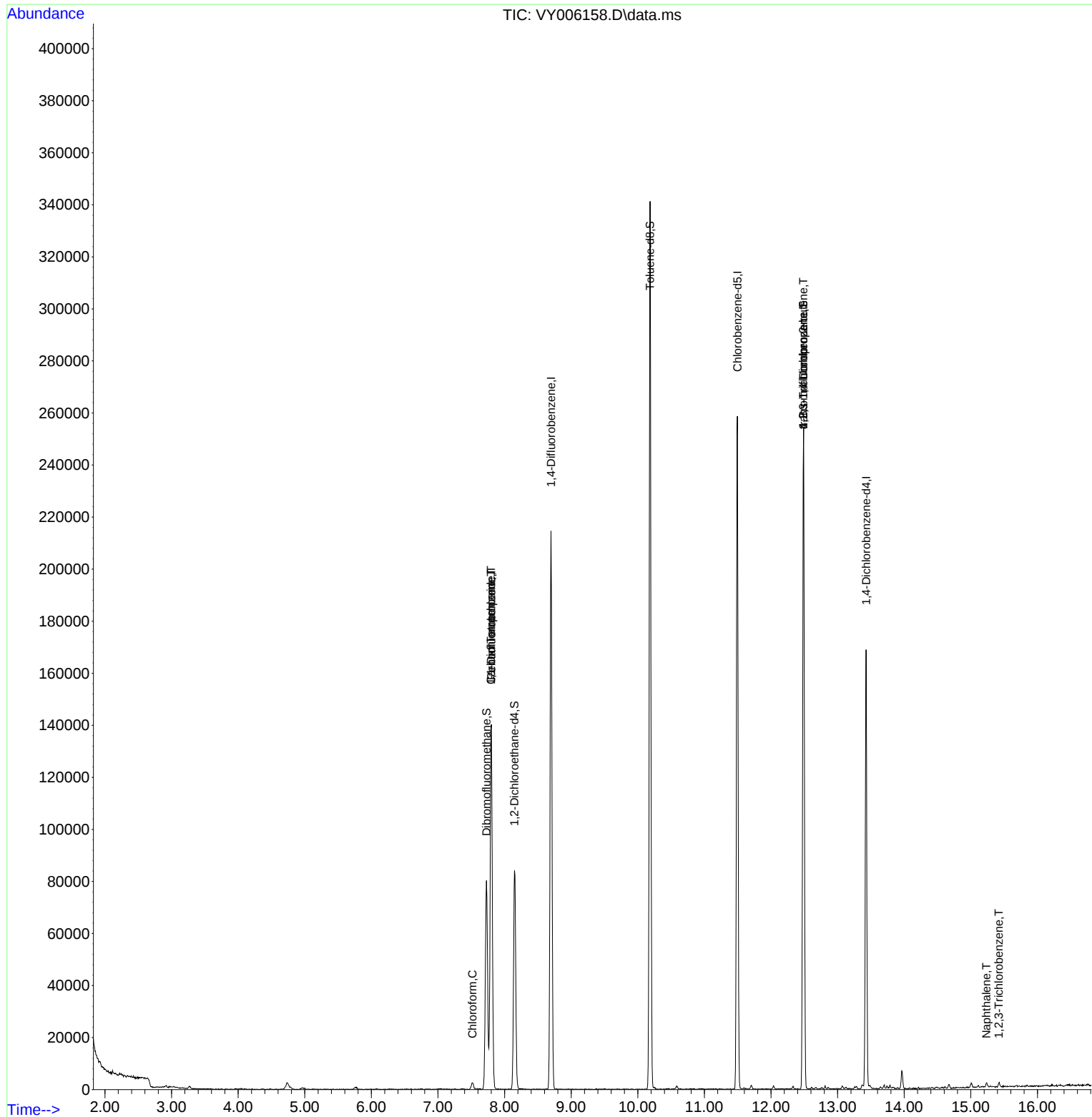
Internal Standards						
1) Pentafluorobenzene	7.801	168	112567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72705	46.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.728	113	53643	48.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.185	98	213835	45.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.483	95	47015	29.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1314	Below Cal	#	77
20) Methylene Chloride	4.728	84	1884	Below Cal	#	81
30) Chloroform	7.515	83	2645	1.104	ug/l	95
36) 1,1-Dichloropropene	7.795	75	8456	4.435	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10599	5.107	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	27008	59.134	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27008	108.719	ug/l #	8
95) Naphthalene	15.233	128	1739	1.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	762	1.022	ug/l	98

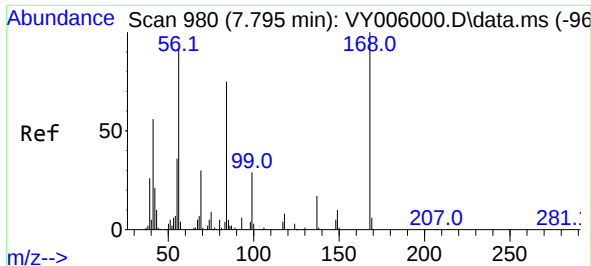
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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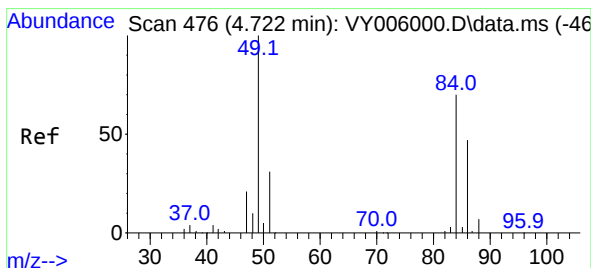
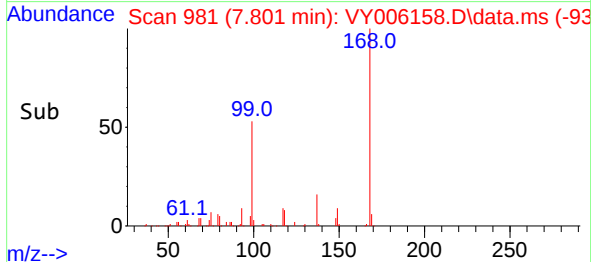
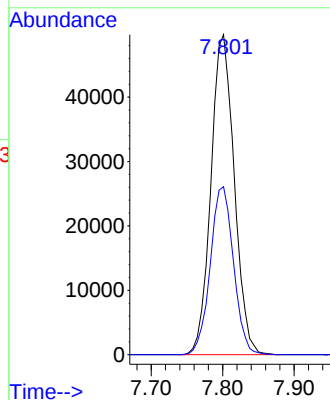
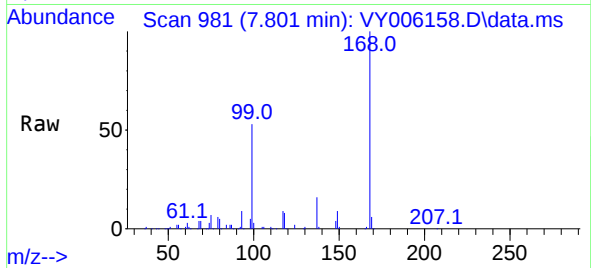




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

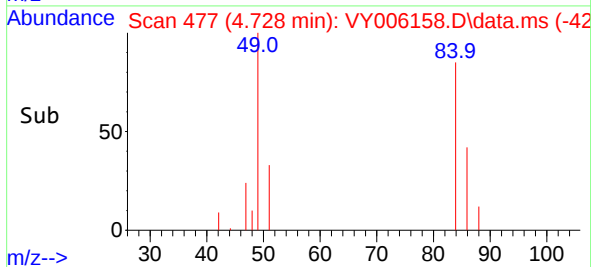
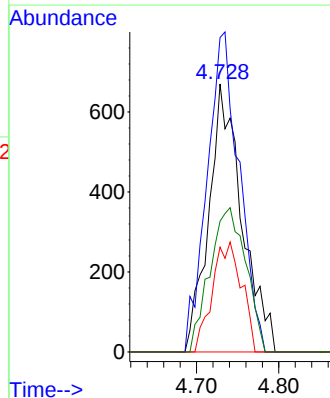
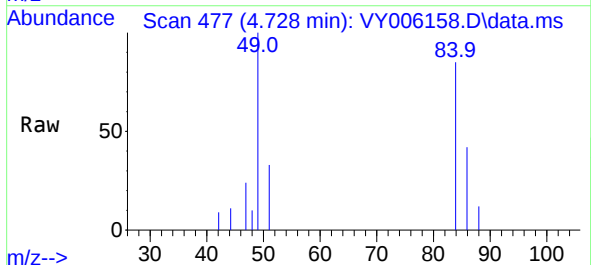
Instrument :
MSVOA_Y
ClientSampled :
TS-1

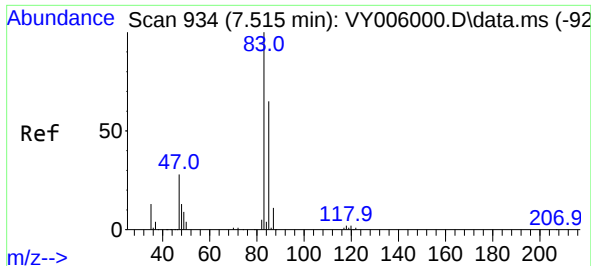
Tgt Ion:168 Resp: 112567
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion: 84 Resp: 1884
Ion Ratio Lower Upper
84 100
49 117.3 114.4 171.6
51 39.1 35.3 52.9
86 48.8 53.7 80.5#

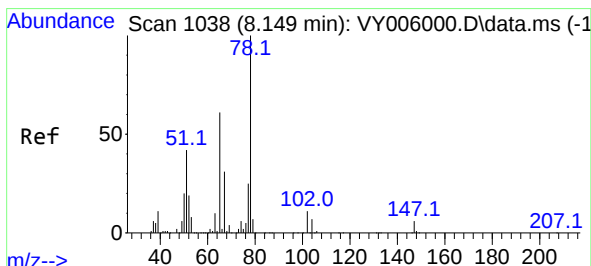
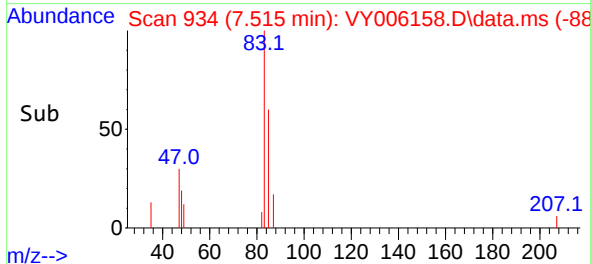
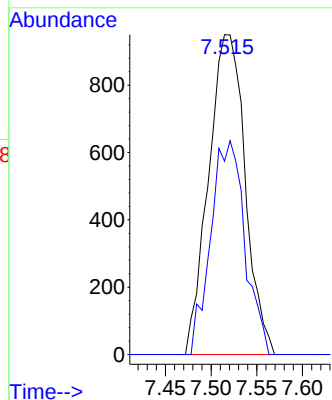
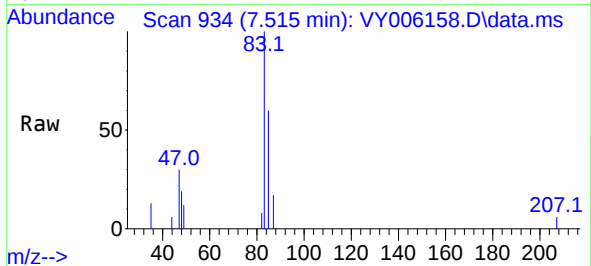




#30
Chloroform
Concen: 1.104 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

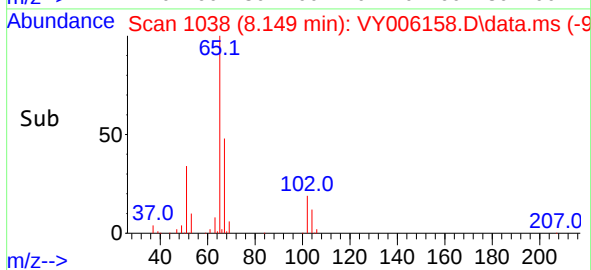
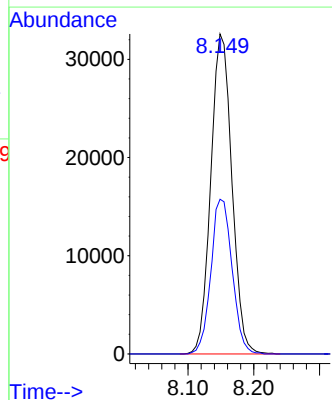
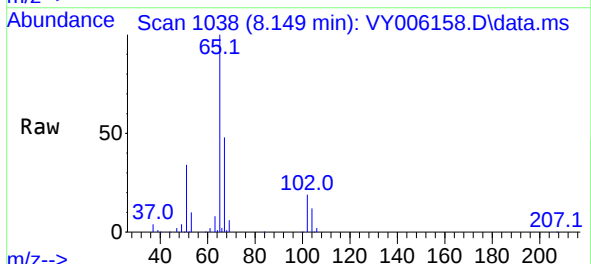
Instrument :
MSVOA_Y
ClientSampled :
TS-1

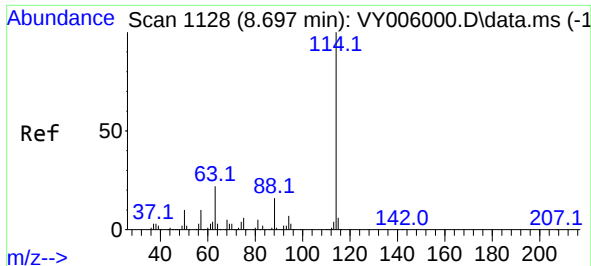
Tgt Ion: 83 Resp: 2645
Ion Ratio Lower Upper
83 100
85 60.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 46.498 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

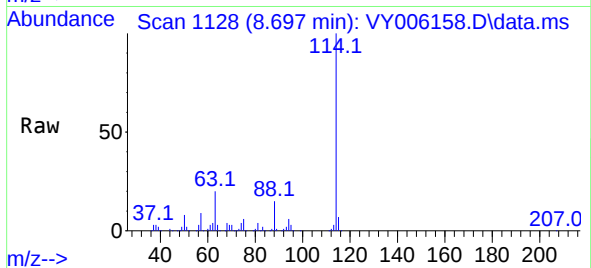
Tgt Ion: 65 Resp: 72705
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.4





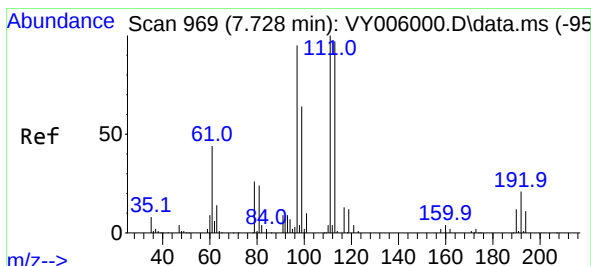
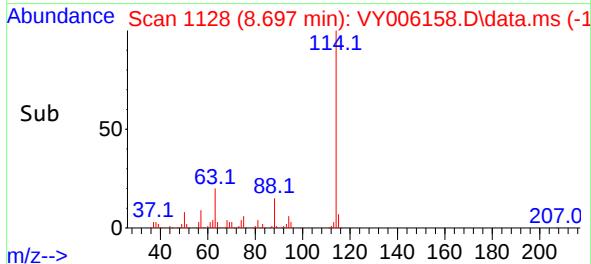
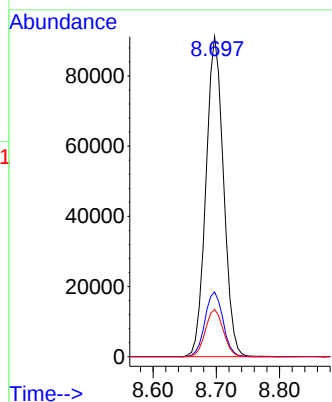
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Instrument :
MSVOA_Y
ClientSampleId :
TS-1



Tgt Ion:114 Resp: 176635

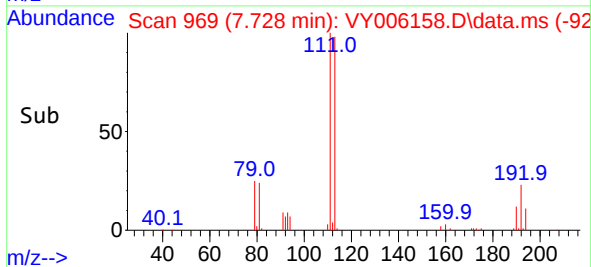
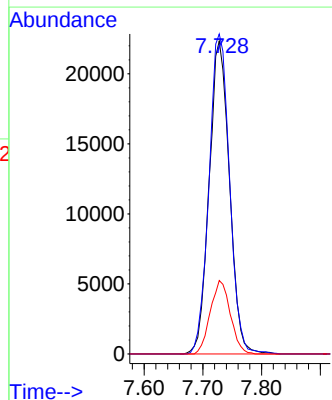
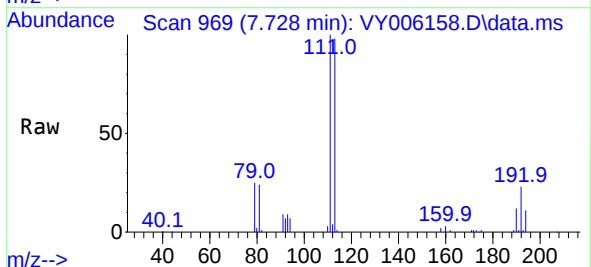
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	14.8	0.0	31.8

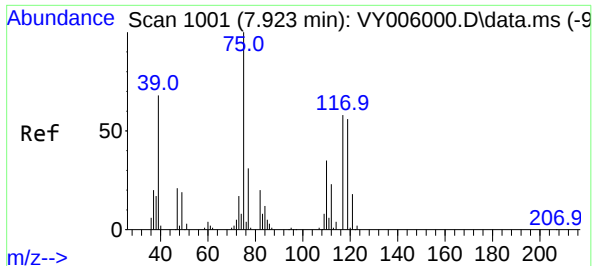


#35
Dibromofluoromethane
Concen: 48.895 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion:113 Resp: 53643

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	23.1	17.6	26.4

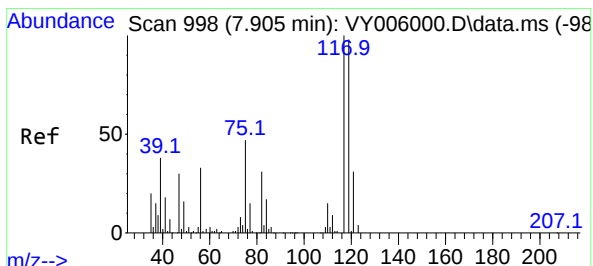
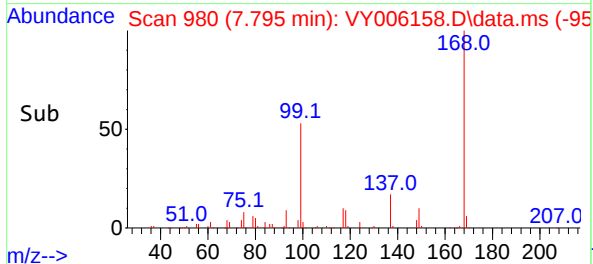
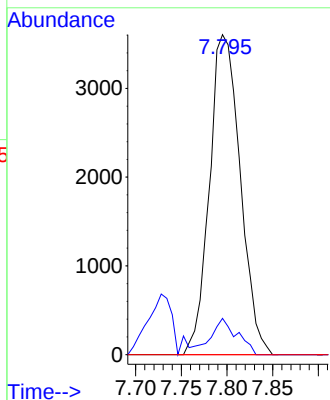
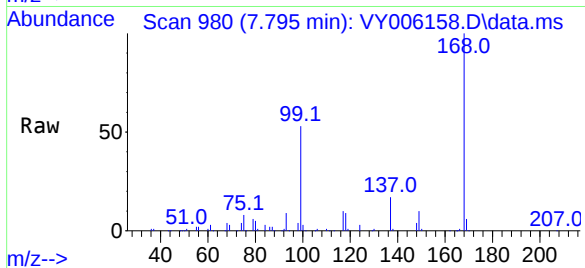




#36
1,1-Dichloropropene
Concen: 4.435 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

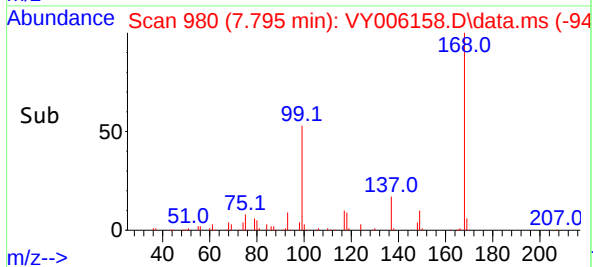
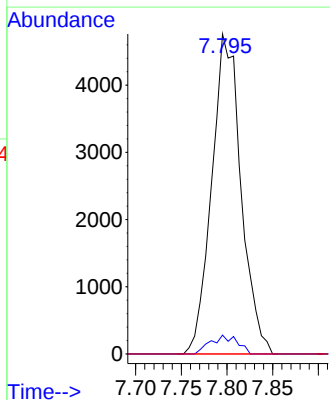
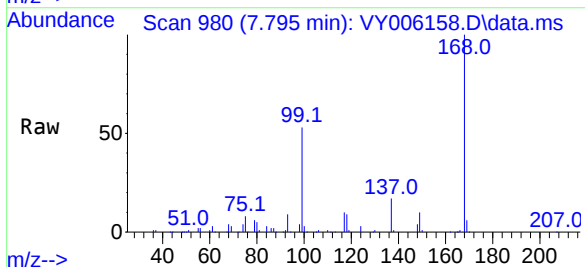
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

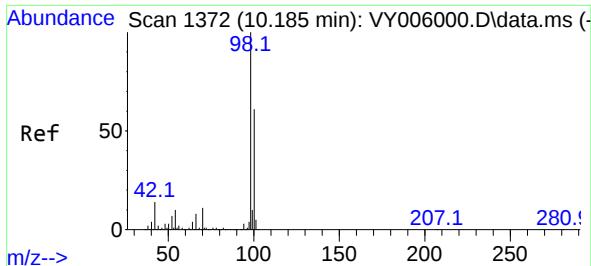
Tgt Ion: 75 Resp: 8456
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion: 117 Resp: 10599
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

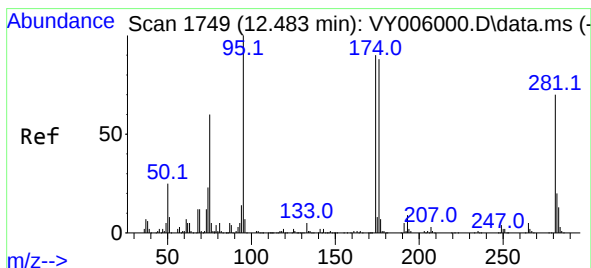
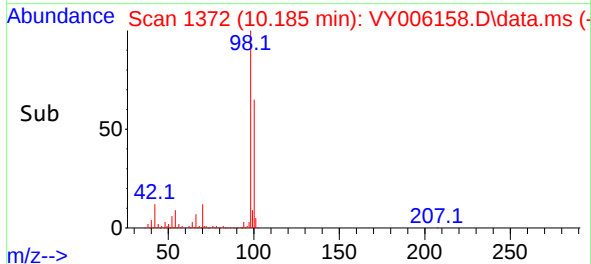
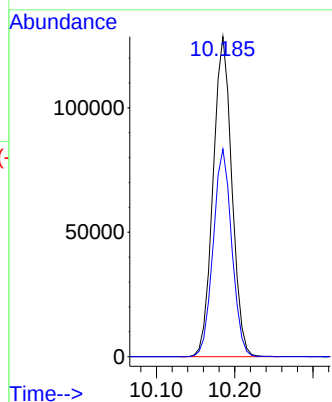
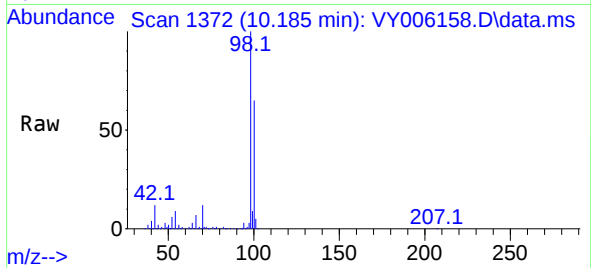




#50
Toluene-d8
Concen: 45.731 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

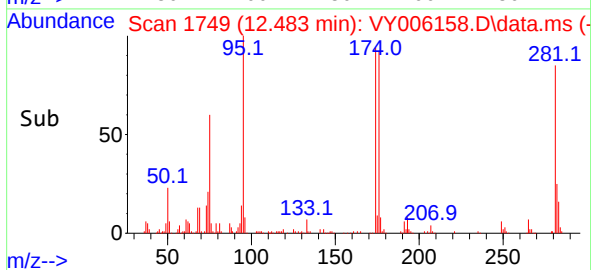
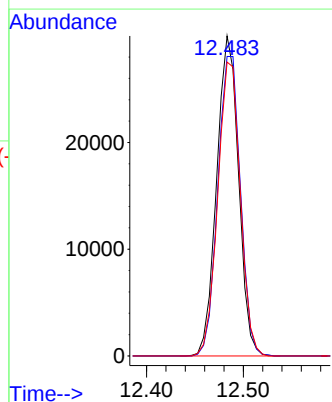
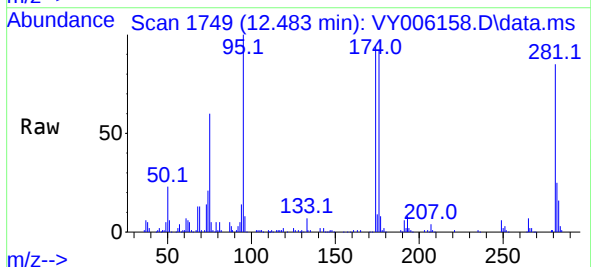
Instrument :
MSVOA_Y
ClientSampled :
TS-1

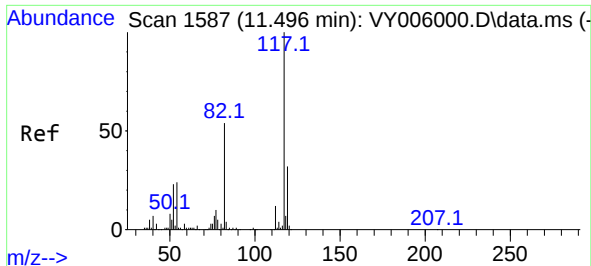
Tgt Ion: 98 Resp: 213835
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion: 95 Resp: 47015
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 94.3 0.0 175.8

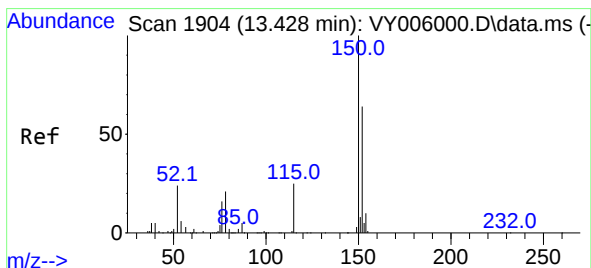
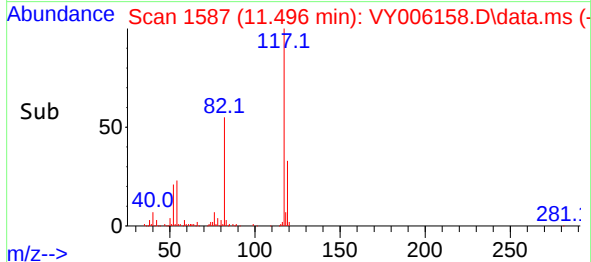
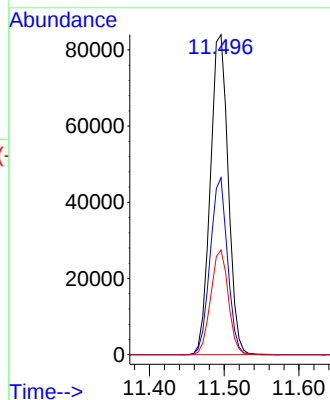
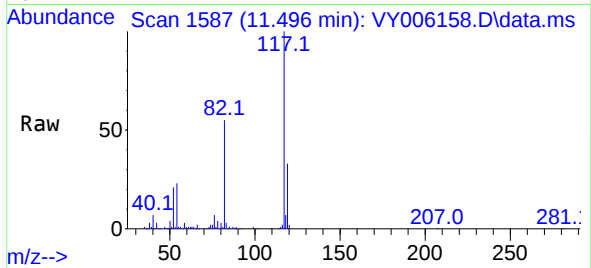




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

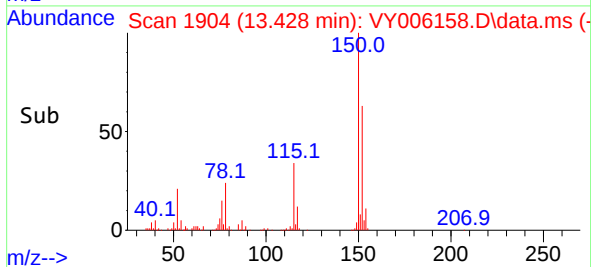
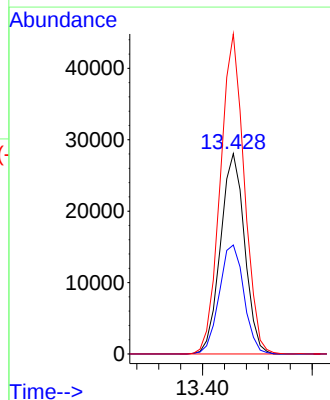
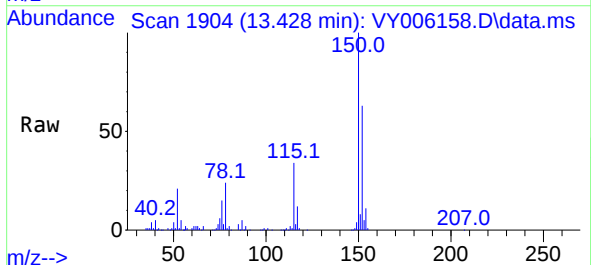
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ClientSampled :
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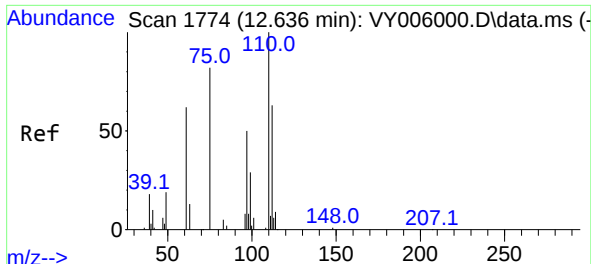
Tgt Ion:117 Resp: 139730
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion:152 Resp: 42837
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.6 0.0 347.6

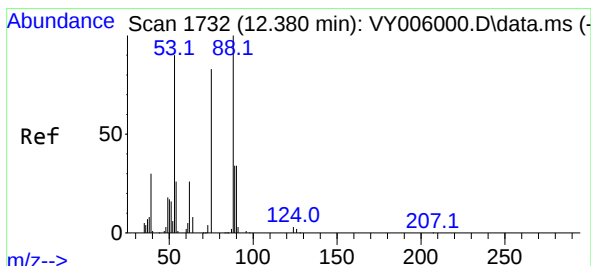
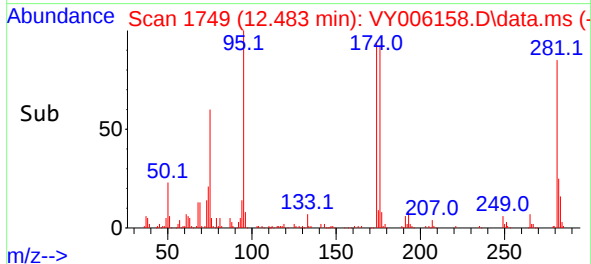
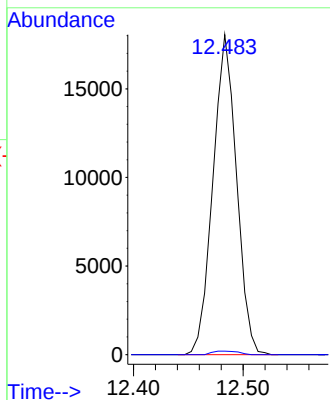
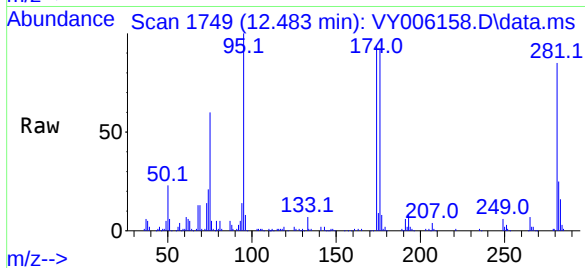




#76
1,2,3-Trichloropropane
Concen: 59.134 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

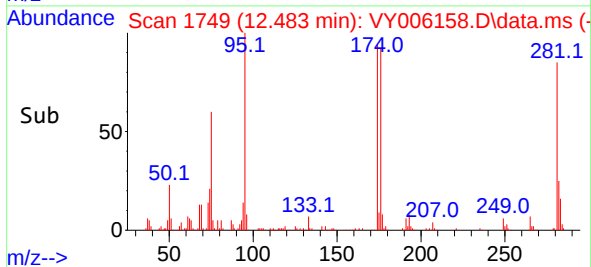
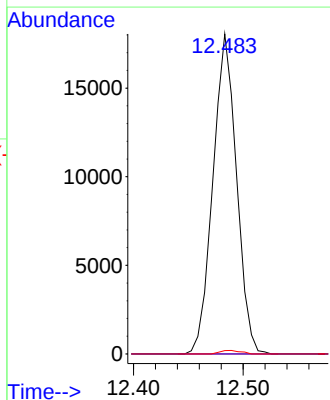
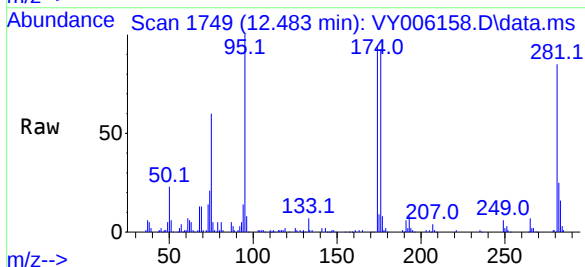
Instrument :
MSVOA_Y
ClientSampled :
TS-1

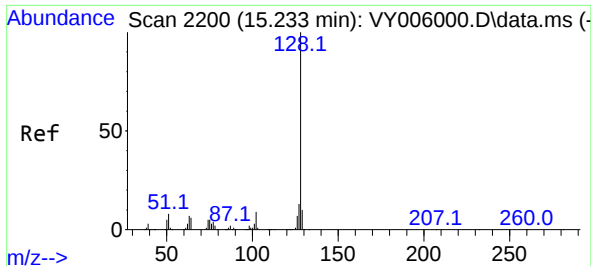
Tgt Ion: 75 Resp: 27008
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.719 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion: 75 Resp: 27008
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.0 37.0 55.4#

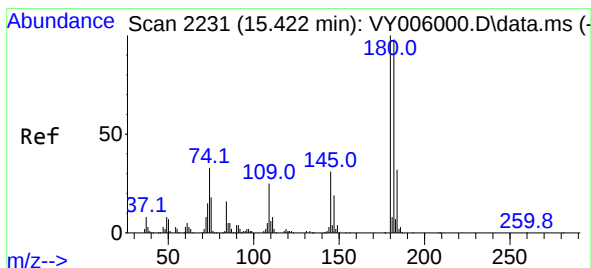
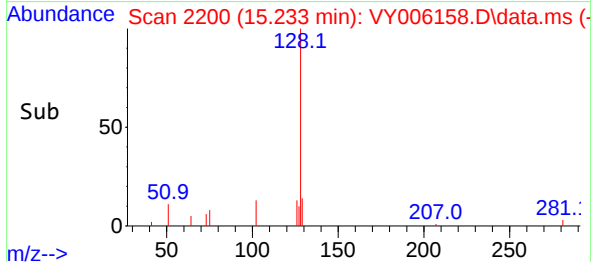
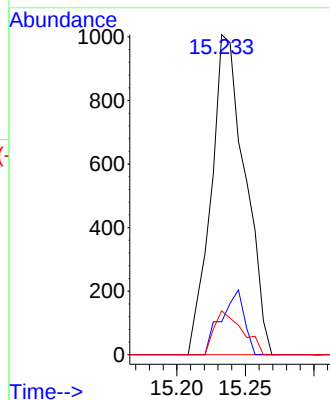
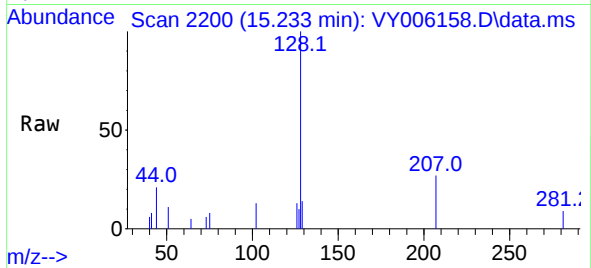




#95
Naphthalene
Concen: 1.016 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Instrument :
MSVOA_Y
ClientSampleId :
TS-1

Tgt Ion:	128	Resp:	1739
Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	11.3	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.022 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion:	180	Resp:	762
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	141.9
145	32.3	15.3	45.9

