

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005634.D
 Acq On : 13 Aug 2021 15:19
 Operator : SY/MD
 Sample : M3404-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-1-6FT

Quant Time: Aug 14 03:35:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

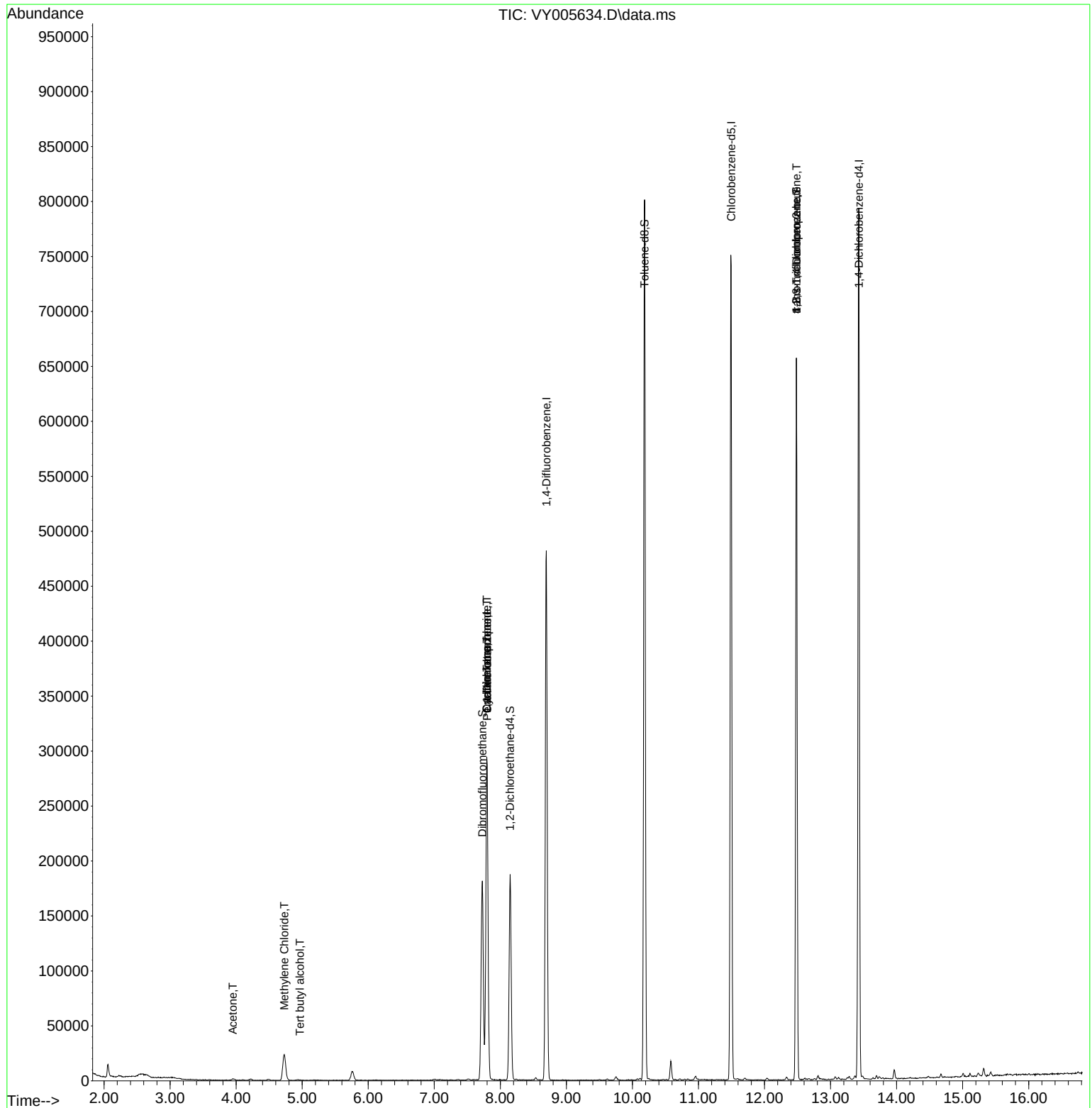
Internal Standards						
1) Pentafluorobenzene	7.801	168	242610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	410620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	412840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148572	60.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.000%	
35) Dibromofluoromethane	7.728	113	124380	54.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.185	98	523670	54.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.483	95	185851	58.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.420%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	243	1.001	ug/l #	73
16) Acetone	3.948	43	2270	3.666	ug/l #	88
20) Methylene Chloride	4.729	84	18553	1.701	ug/l	93
31) Cyclohexane	7.795	56	4873	1.157	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	17134	4.449	ug/l #	49
38) Carbon Tetrachloride	7.795	117	21727	5.191	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	100877	46.612	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	100877	93.963	ug/l #	11

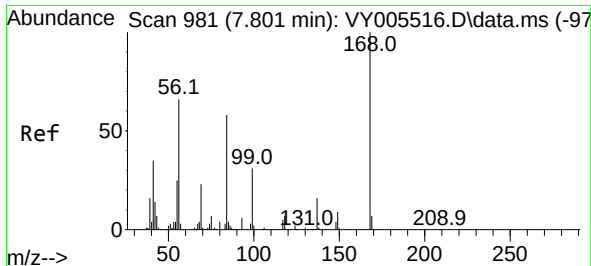
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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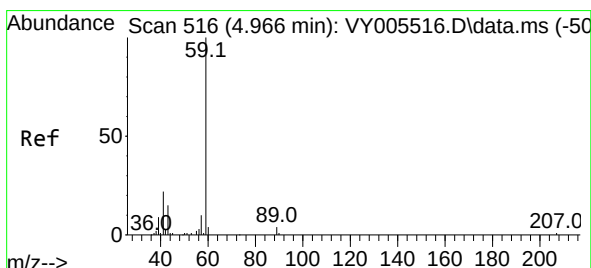
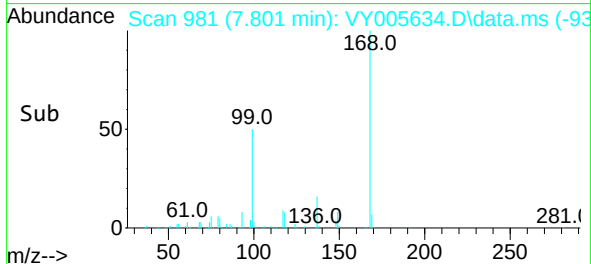
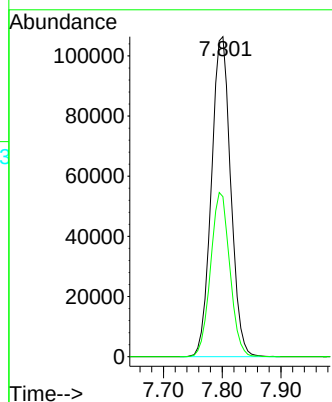
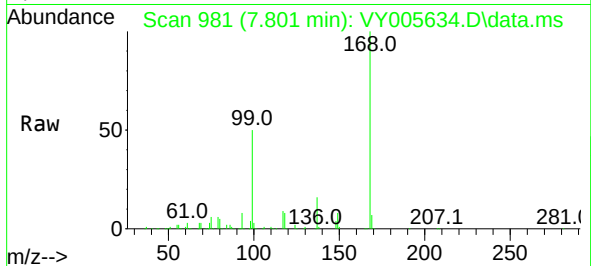




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

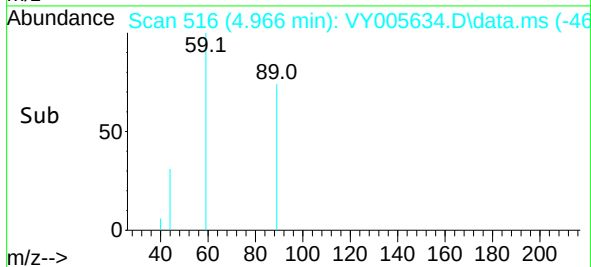
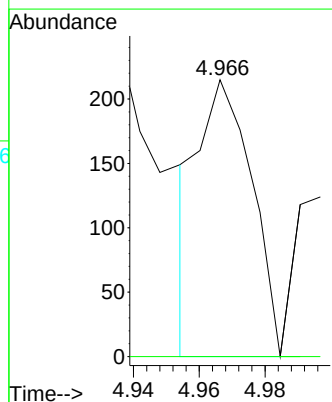
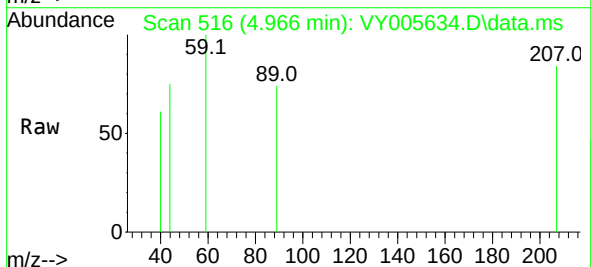
Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT

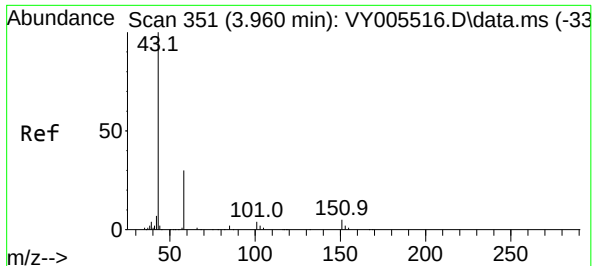
Tgt Ion:168 Resp: 242610
Ion Ratio Lower Upper
168 100
99 50.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.001 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

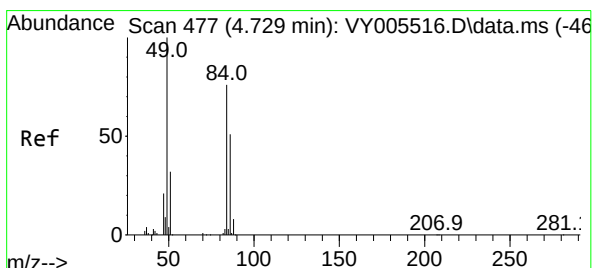
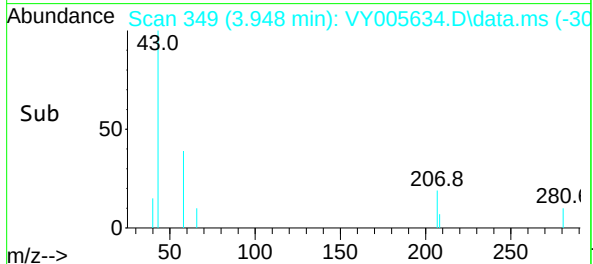
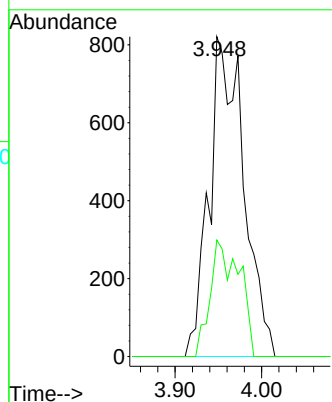
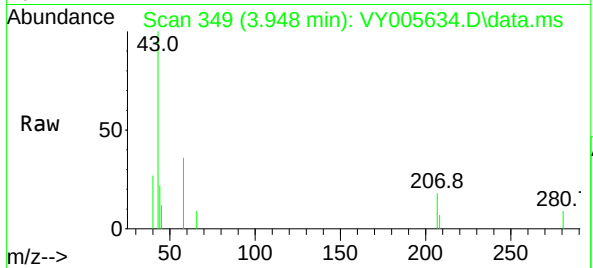




#16
Acetone
Concen: 3.666 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

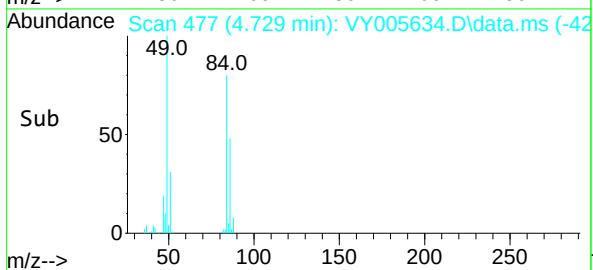
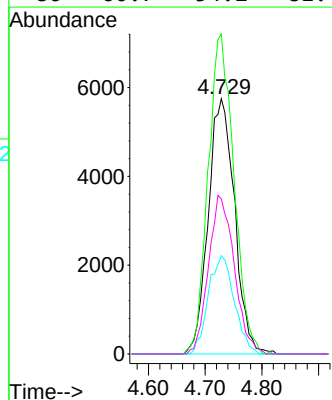
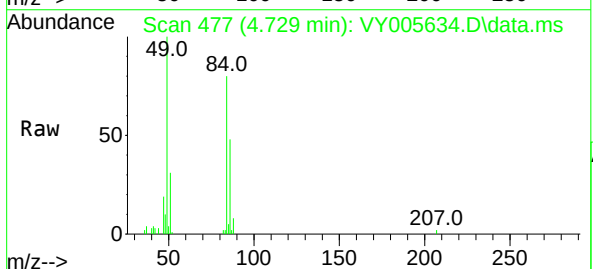
Instrument :
MSVOA_Y
ClientSampled :
TP1-1-6FT

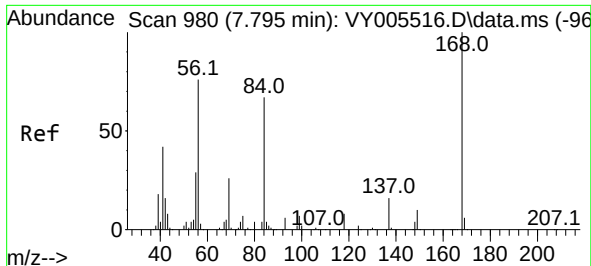
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 36.4 23.8 35.6#



#20
Methylene Chloride
Concen: 1.701 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

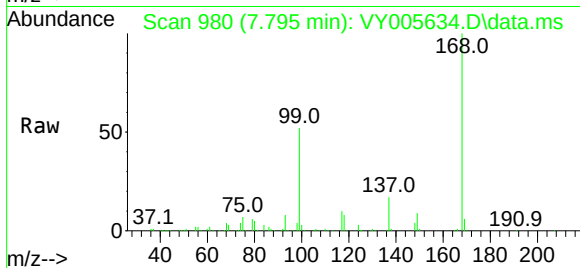
Tgt Ion: 84 Resp: 18553
Ion Ratio Lower Upper
84 100
49 125.4 105.8 158.6
51 38.5 33.4 50.2
86 60.7 54.2 81.4



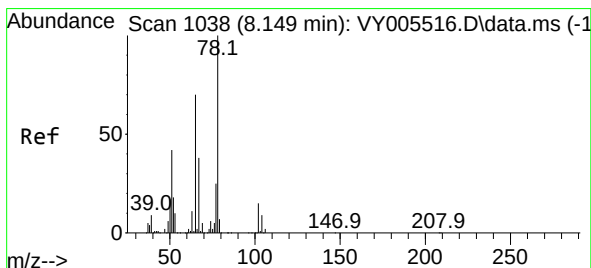
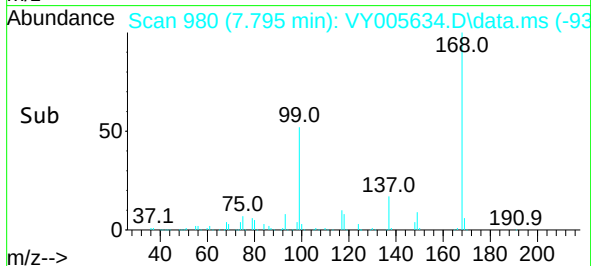
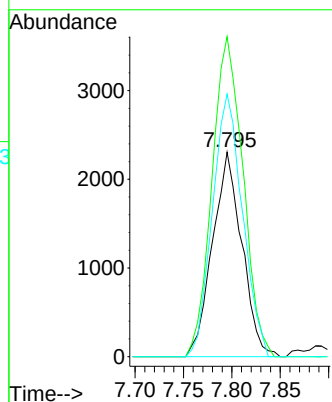


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT

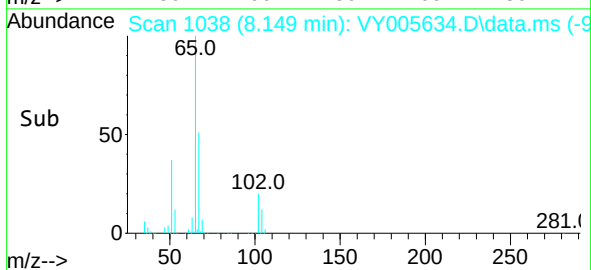
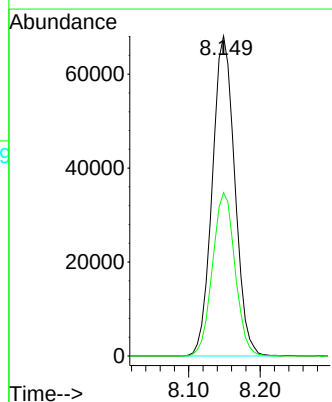
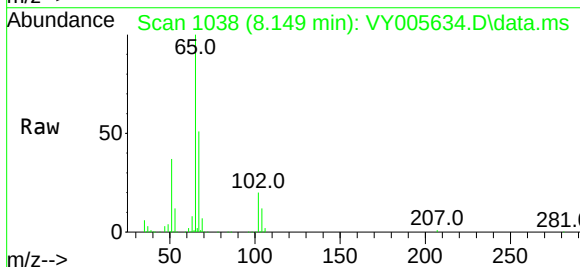


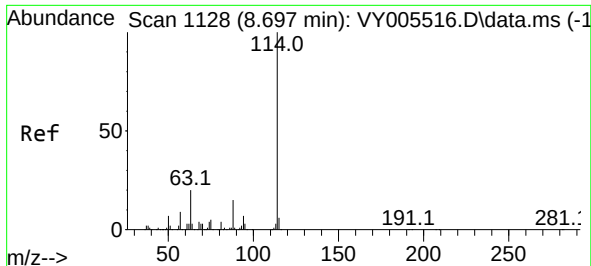
Tgt Ion: 56 Resp: 4873
Ion Ratio Lower Upper
56 100
69 156.5 27.7 41.5#
84 128.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.498 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Tgt Ion: 65 Resp: 148572
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

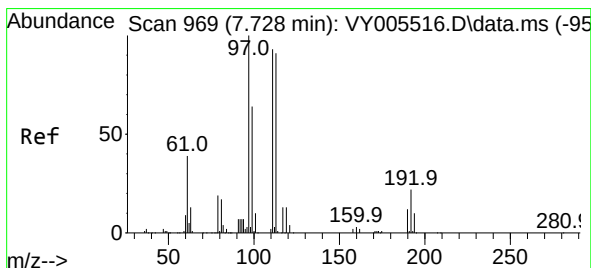
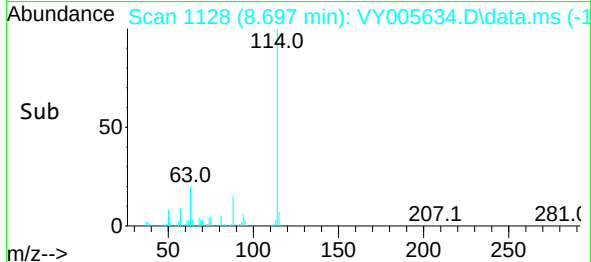
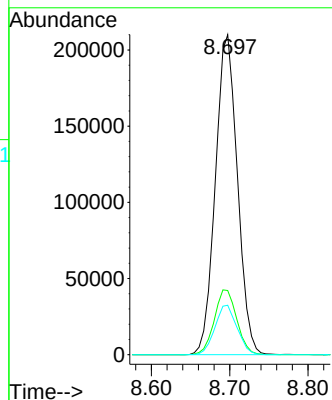
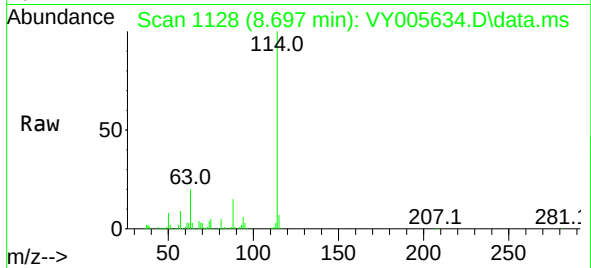




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

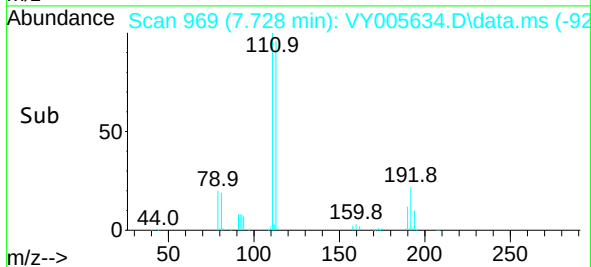
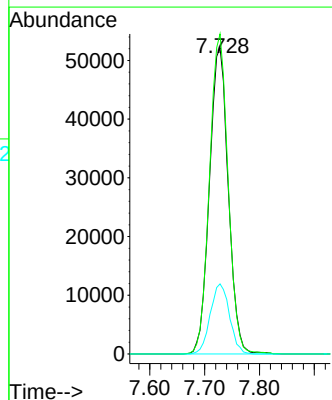
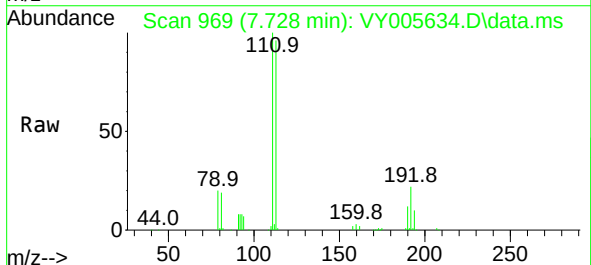
Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT

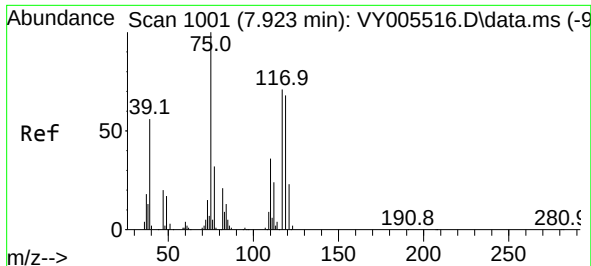
Tgt Ion:114 Resp: 410620
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.103 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Tgt Ion:113 Resp: 124380
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 23.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.449 ug/l

RT: 7.795 min Scan# 980

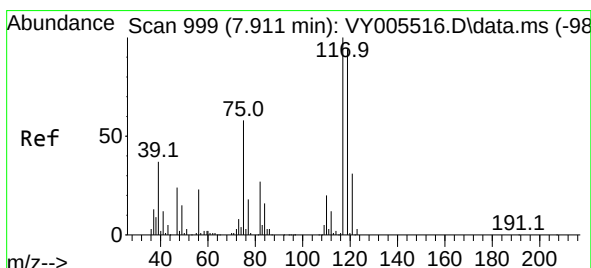
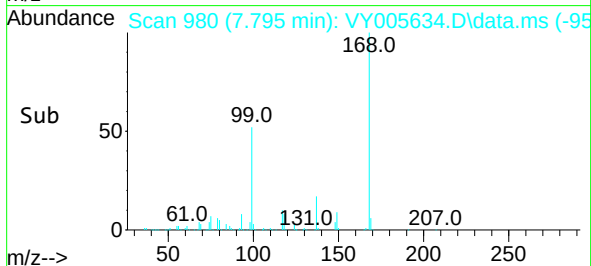
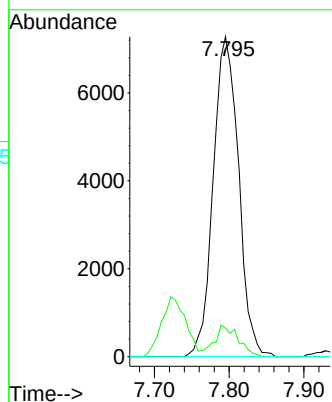
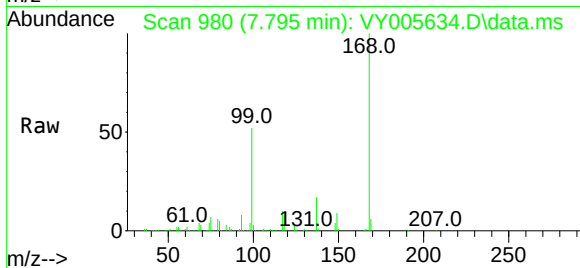
Delta R.T. -0.128 min

Lab File: VY005634.D

Acq: 13 Aug 2021 15:19

Tgt Ion:	75	Resp:	17134
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT



#38

Carbon Tetrachloride

Concen: 5.191 ug/l

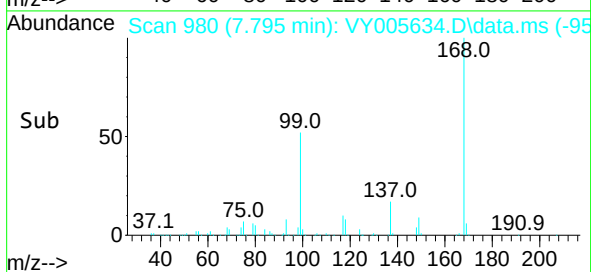
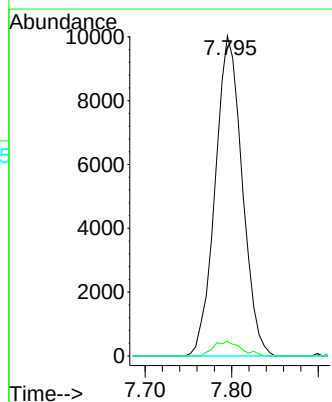
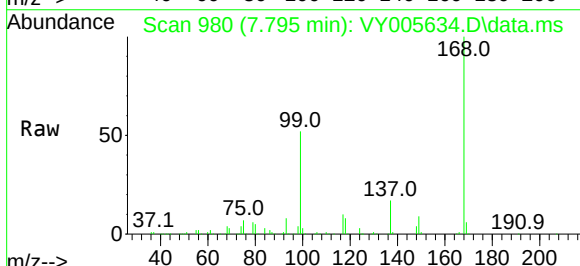
RT: 7.795 min Scan# 980

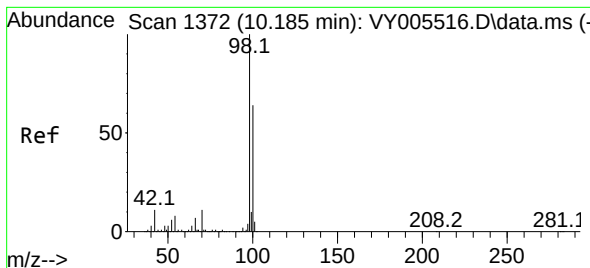
Delta R.T. -0.116 min

Lab File: VY005634.D

Acq: 13 Aug 2021 15:19

Tgt Ion:	117	Resp:	21727
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.4	113.0#
121	0.0	25.1	37.7#

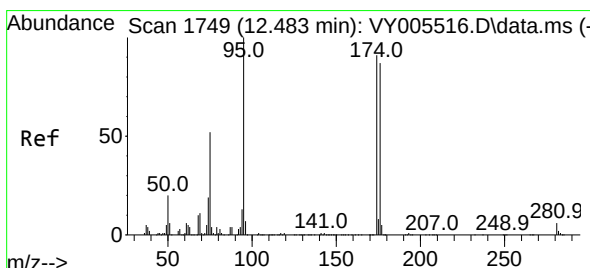
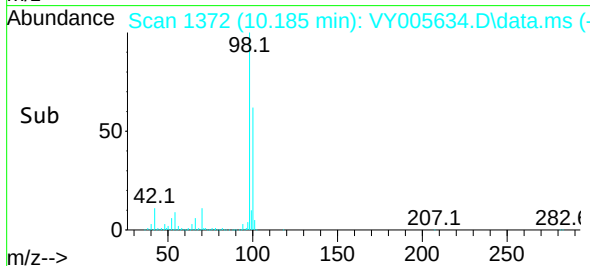
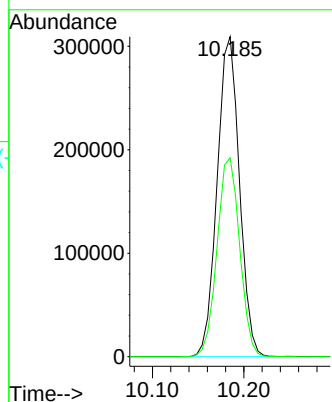
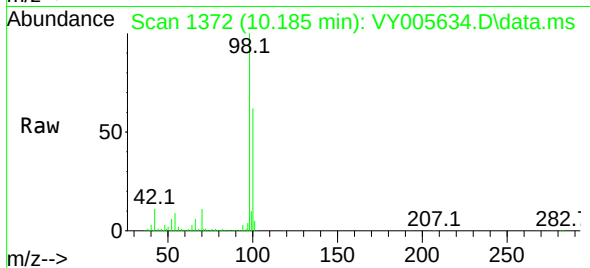




#50
Toluene-d8
Concen: 54.313 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

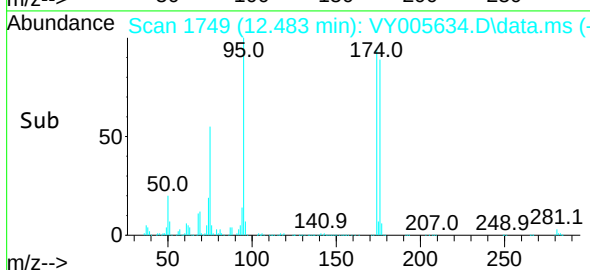
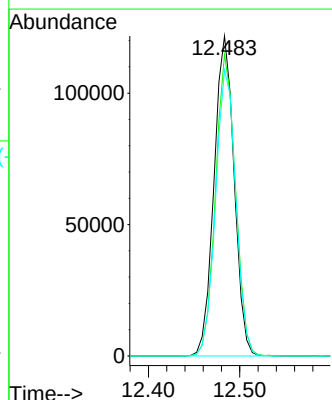
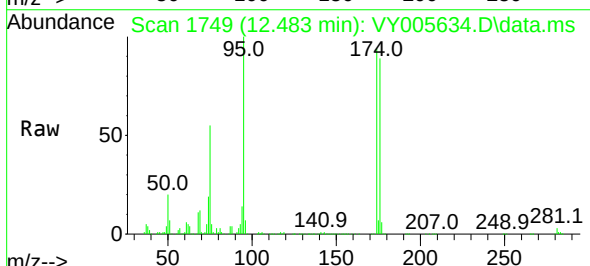
Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT

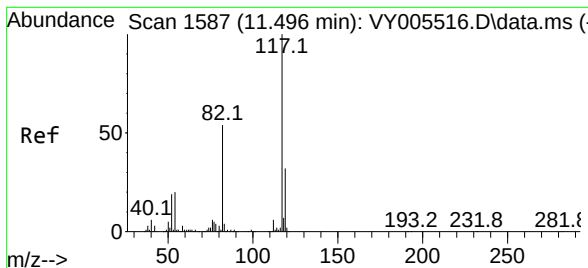
Tgt Ion: 98 Resp: 523670
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.209 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Tgt Ion: 95 Resp: 185851
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.4
176 89.9 0.0 183.6

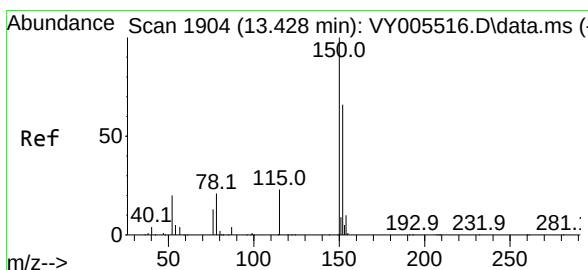
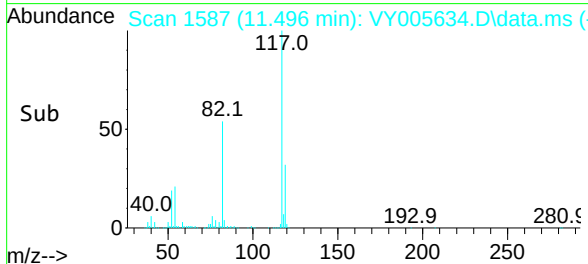
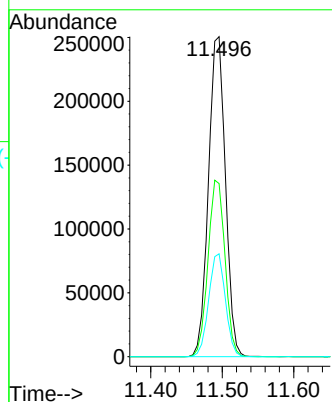
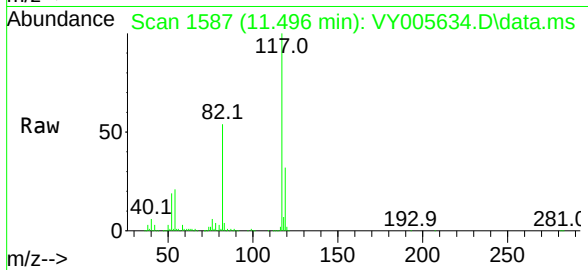




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

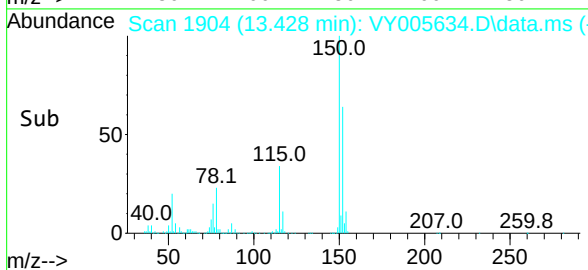
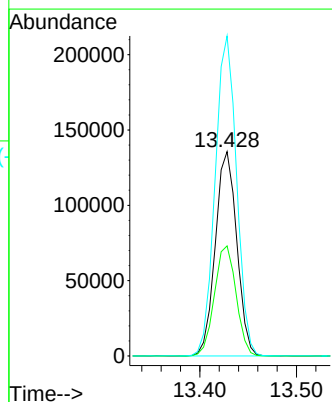
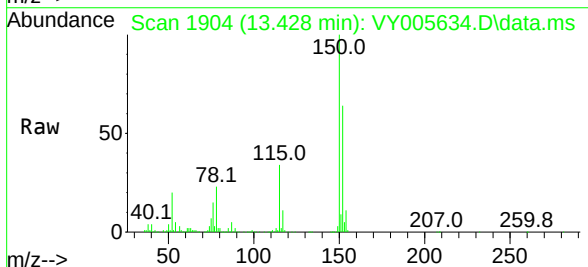
Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT

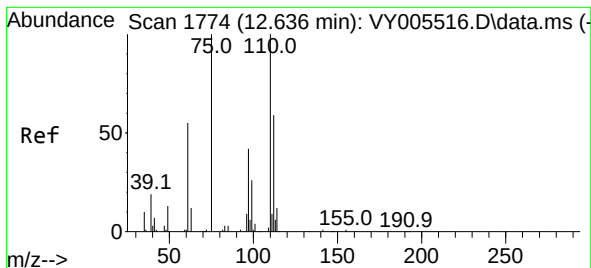
Tgt Ion:117 Resp: 412840
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Tgt Ion:152 Resp: 208842
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 156.4 0.0 350.2

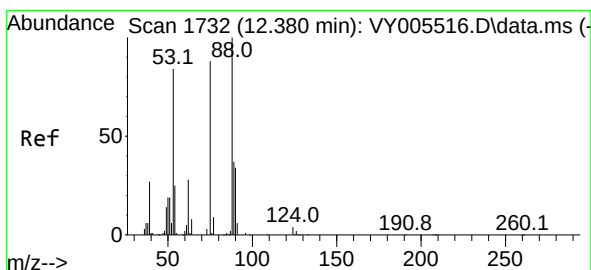
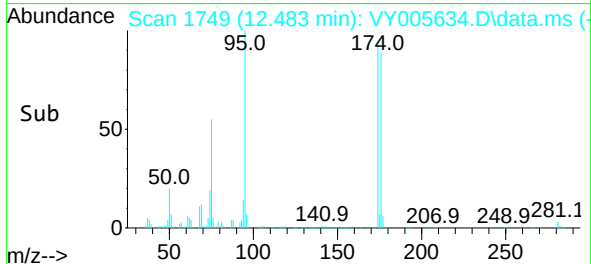
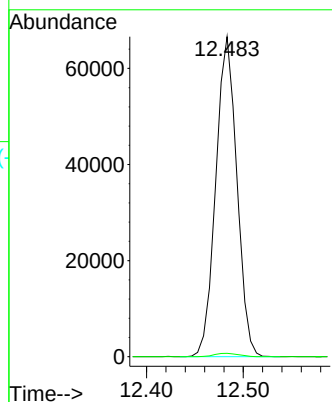
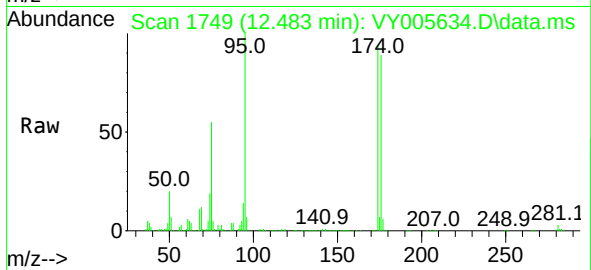




#76
1,2,3-Trichloropropane
Concen: 46.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6FT

Tgt Ion: 75 Resp: 100877
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.963 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005634.D
Acq: 13 Aug 2021 15:19

Tgt Ion: 75 Resp: 100877
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

