

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005554.D
 Acq On : 05 Aug 2021 14:40
 Operator : SY/MD
 Sample : M3289-13
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 06 04:39:43 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)

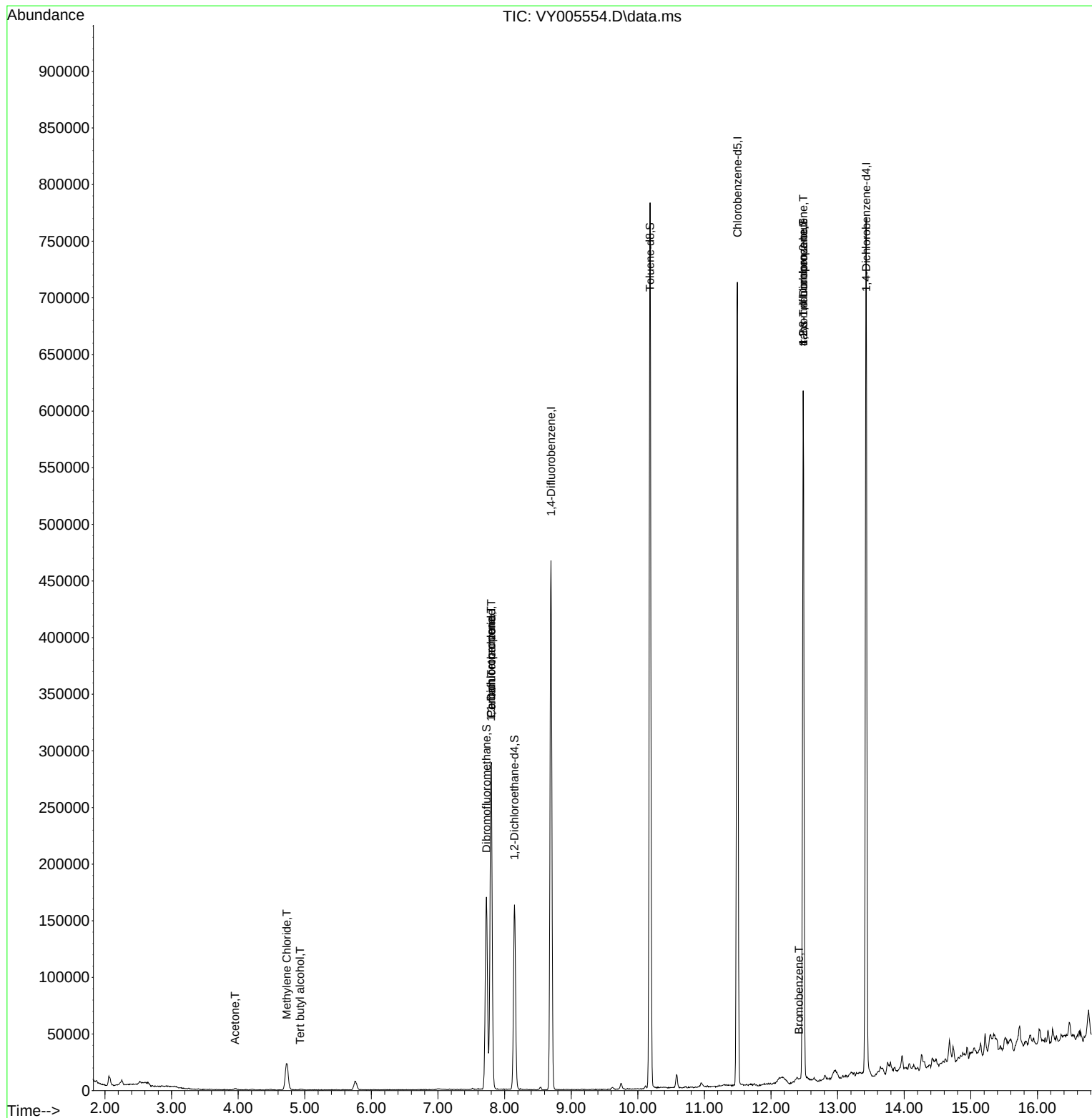
Internal Standards						
1) Pentafluorobenzene	7.801	168	239615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	393898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	388040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130931	53.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.960%			
35) Dibromofluoromethane	7.728	113	118271	53.629	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.260%			
50) Toluene-d8	10.185	98	504821	54.581	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.160%			
62) 4-Bromofluorobenzene	12.483	95	176068	57.486	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.980%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	413	1.722	ug/l #	73
16) Acetone	3.954	43	2228	3.643	ug/l	90
20) Methylene Chloride	4.729	84	18798	1.924	ug/l	92
36) 1,1-Dichloropropene	7.795	75	16956	4.590	ug/l #	49
38) Carbon Tetrachloride	7.801	117	20553	5.119	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	93740	46.618	ug/l #	100
77) Bromobenzene	12.422	156	4523	1.359	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	93740	93.976	ug/l #	11

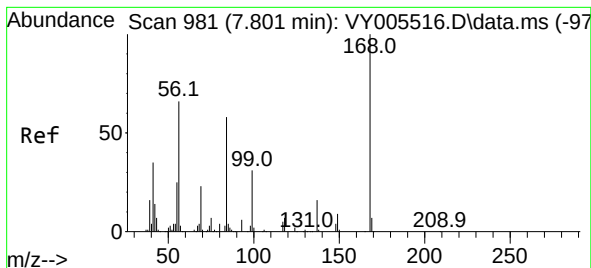
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005554.D

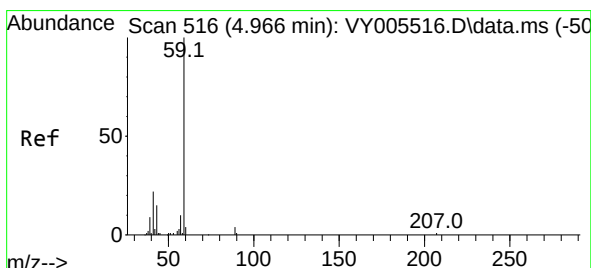
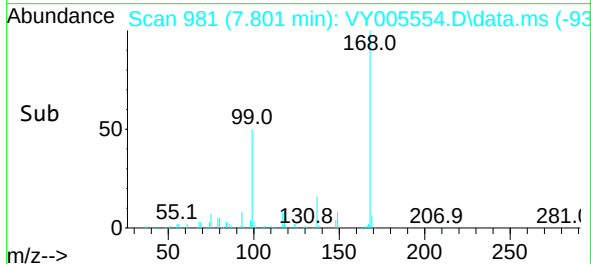
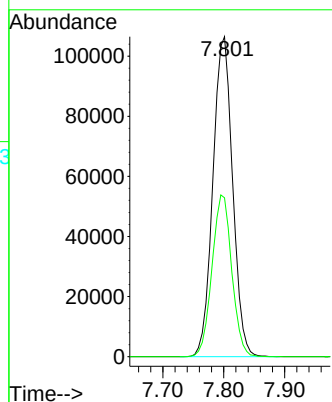
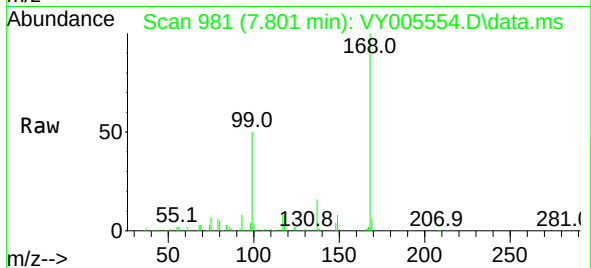
Acq: 05 Aug 2021 14:40

Tgt Ion:168 Resp: 239615

Ion Ratio Lower Upper

168 100

99 49.7 38.9 58.3



#11

Tert butyl alcohol

Concen: 1.722 ug/l

RT: 4.930 min Scan# 510

Delta R.T. -0.037 min

Lab File: VY005554.D

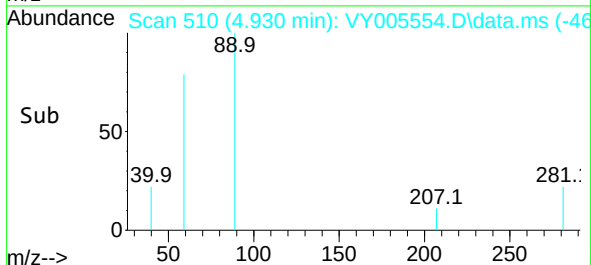
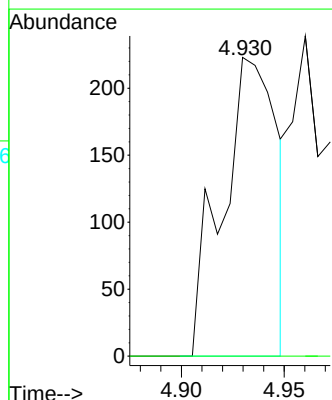
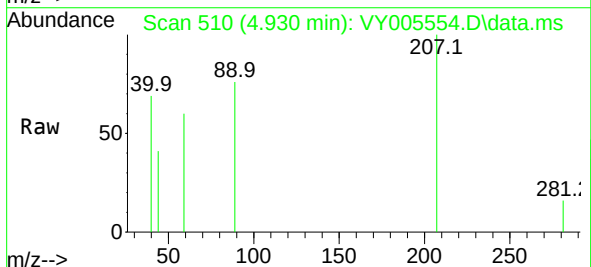
Acq: 05 Aug 2021 14:40

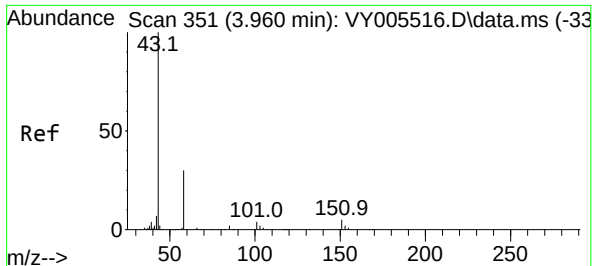
Tgt Ion: 59 Resp: 413

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#

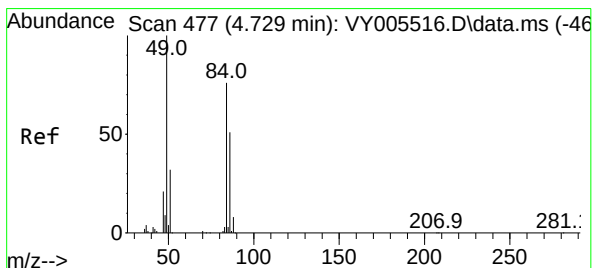
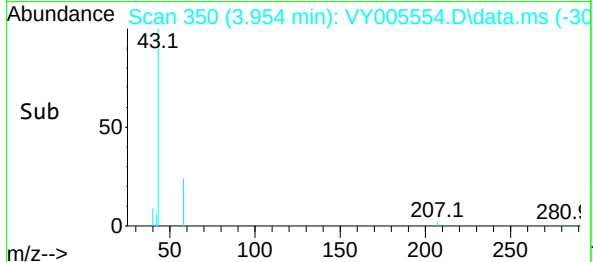
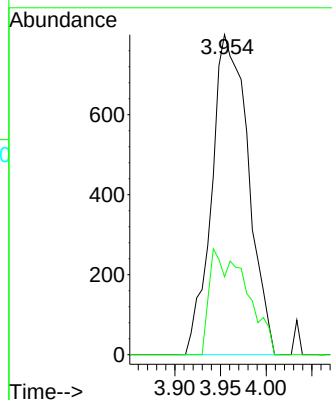
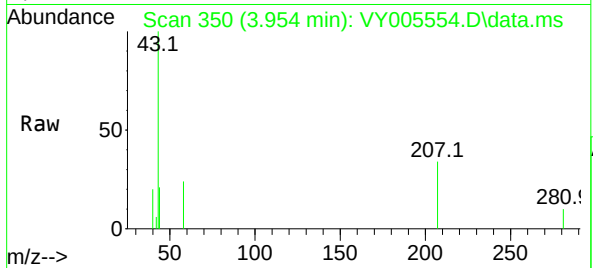




#16
Acetone
Concen: 3.643 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

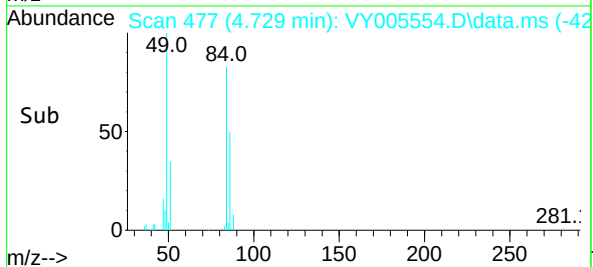
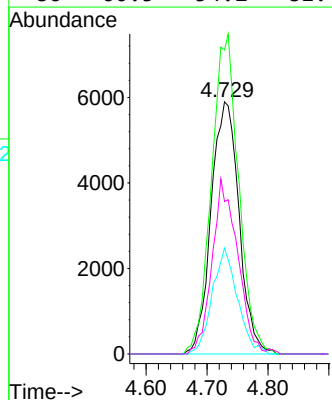
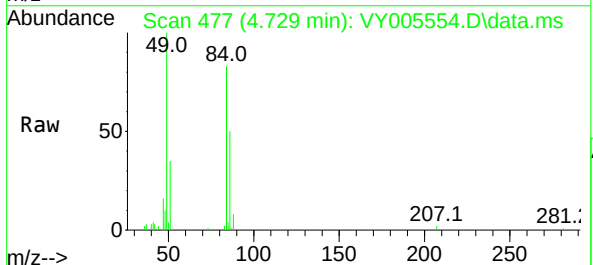
Instrument :
MSVOA_Y
ClientSampled :

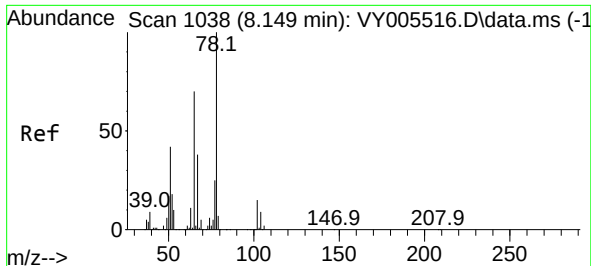
Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 24.4 23.8 35.6



#20
Methylene Chloride
Concen: 1.924 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 84 Resp: 18798
Ion Ratio Lower Upper
84 100
49 120.6 105.8 158.6
51 42.0 33.4 50.2
86 60.5 54.2 81.4

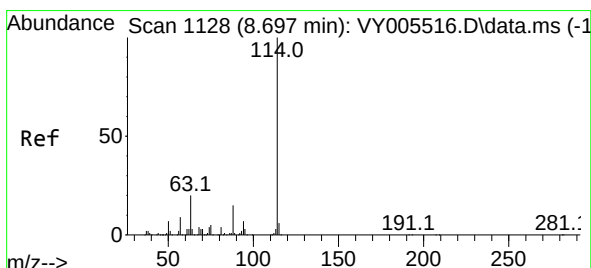
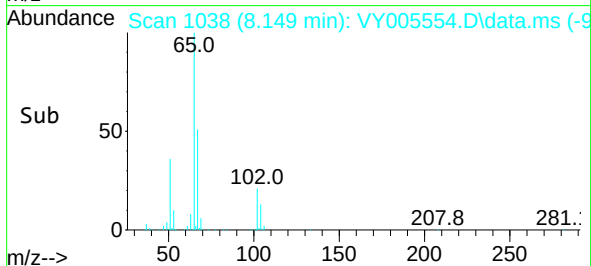
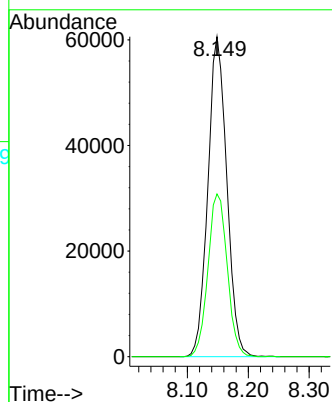
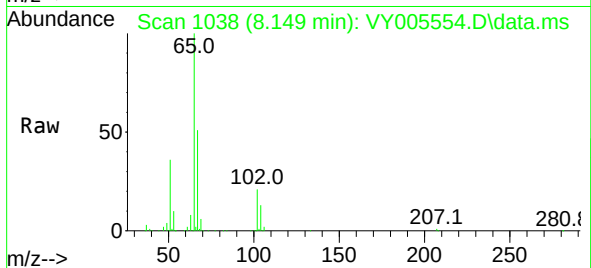




#33
1,2-Dichloroethane-d4
Concen: 53.981 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

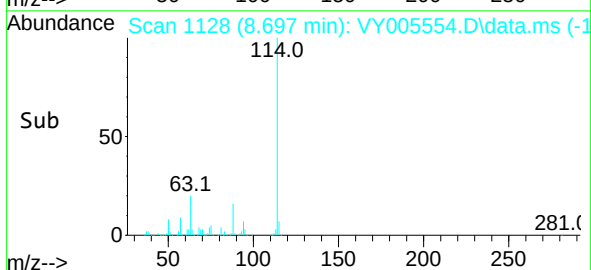
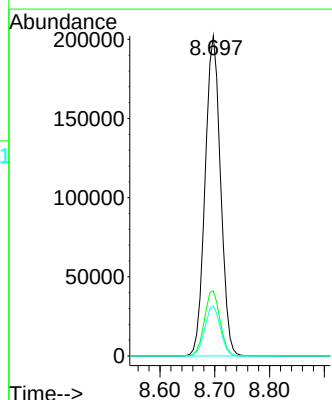
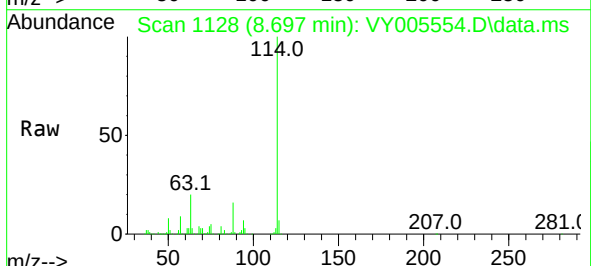
Instrument :
MSVOA_Y
ClientSampleId :

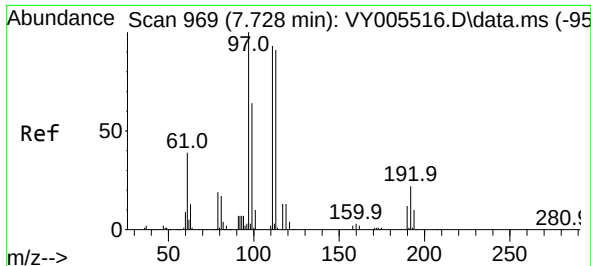
Tgt Ion: 65 Resp: 130931
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 114 Resp: 393898
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.6 0.0 30.8

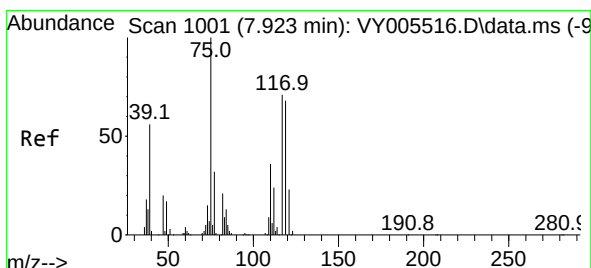
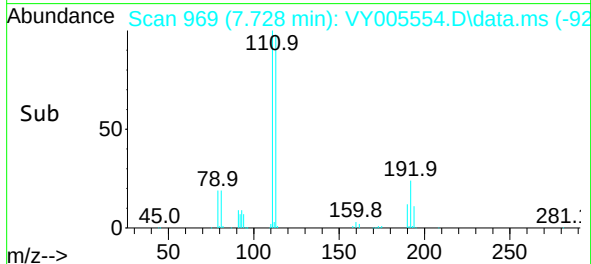
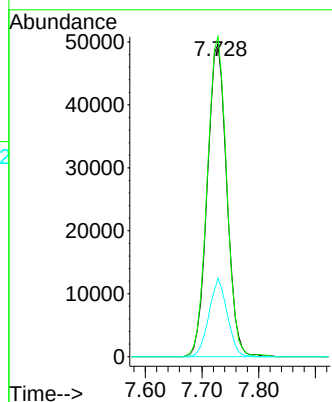
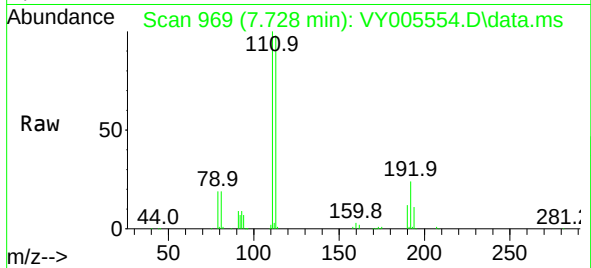




#35
Dibromofluoromethane
Concen: 53.629 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

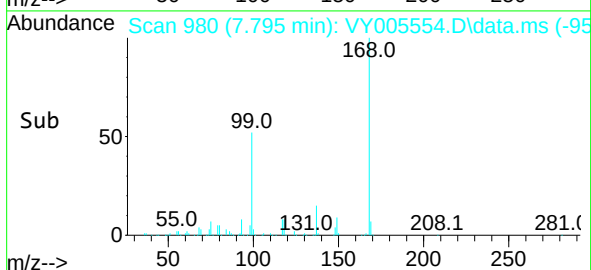
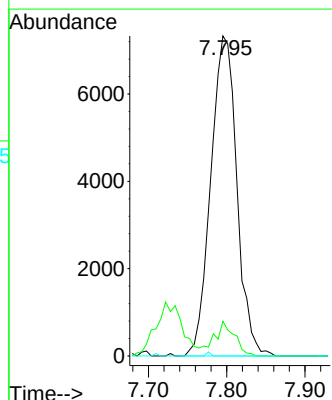
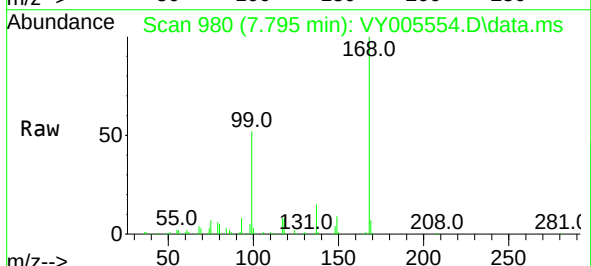
Instrument :
MSVOA_Y
ClientSampleId :

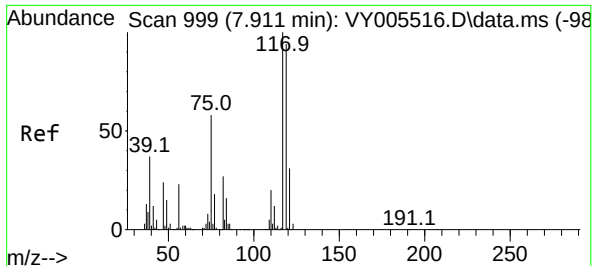
Tgt Ion:113 Resp: 118271
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 23.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.590 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 75 Resp: 16956
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.1#
77 0.2 25.1 37.7#

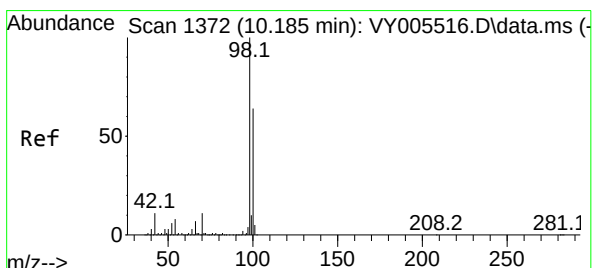
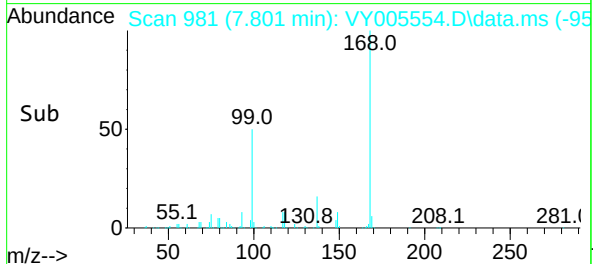
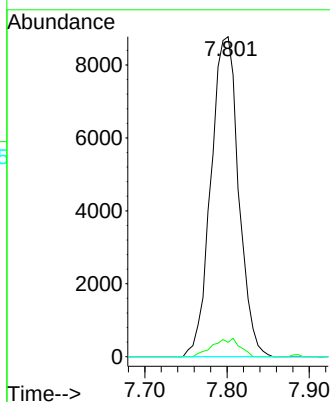
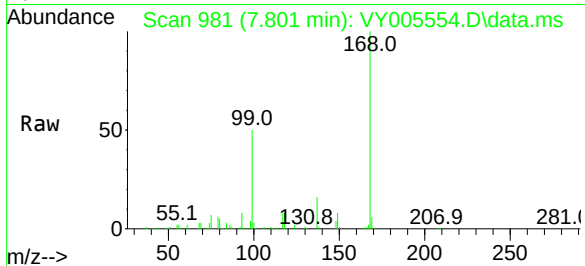




#38
Carbon Tetrachloride
Concen: 5.119 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

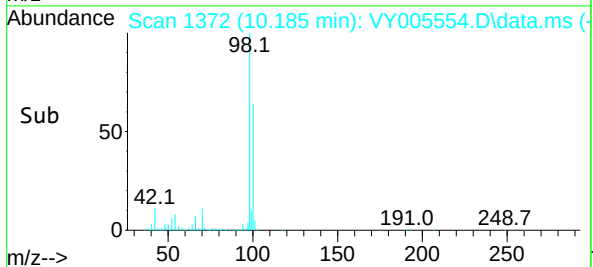
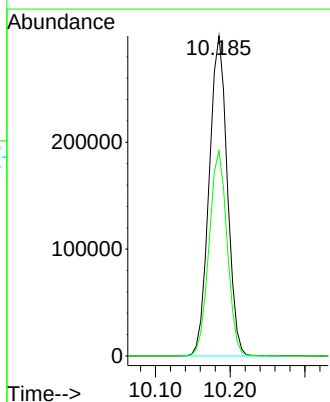
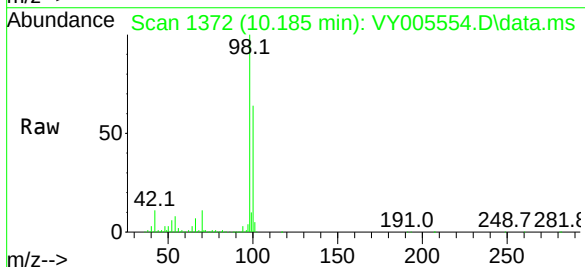
Instrument :
MSVOA_Y
ClientSampleId :

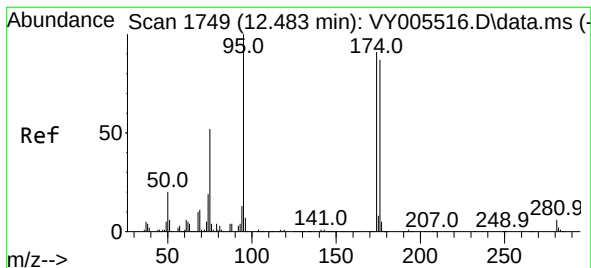
Tgt Ion:117 Resp: 20553
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.581 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 98 Resp: 504821
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

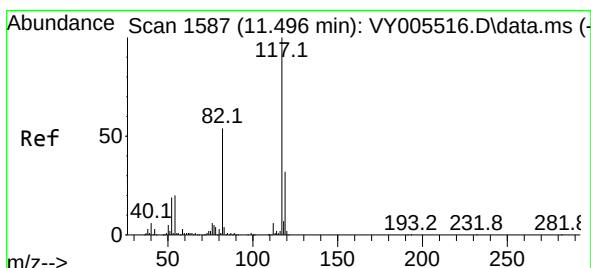
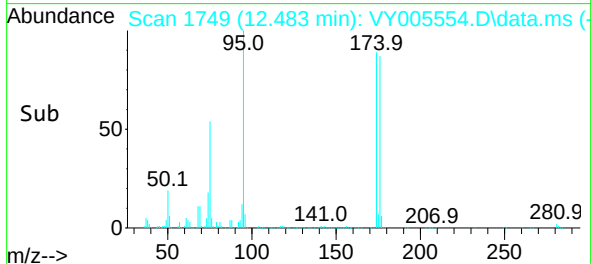
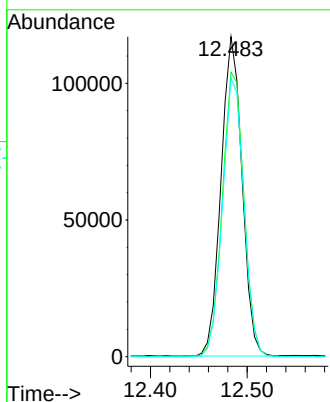
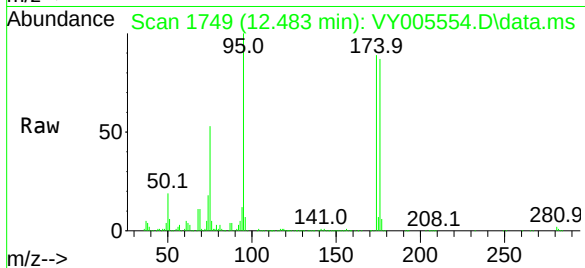




#62
4-Bromofluorobenzene
Concen: 57.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

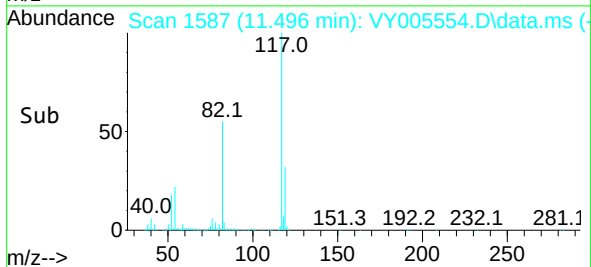
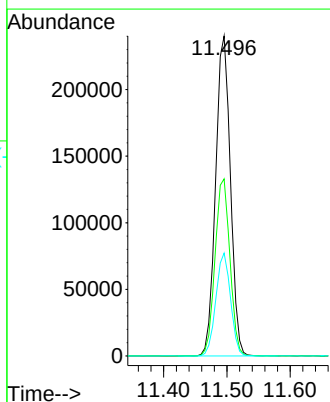
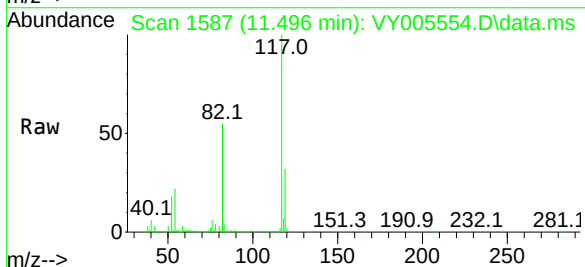
Instrument :
MSVOA_Y
ClientSampleId :

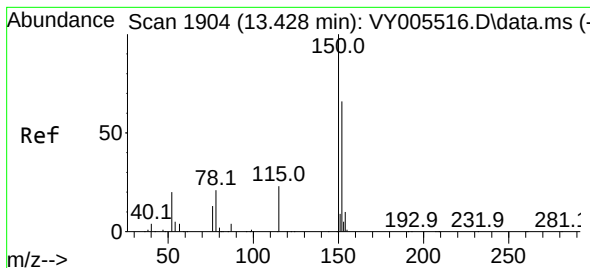
Tgt Ion: 95 Resp: 176068
Ion Ratio Lower Upper
95 100
174 92.3 0.0 191.4
176 88.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 117 Resp: 388040
Ion Ratio Lower Upper
117 100
82 55.3 43.5 65.3
119 32.1 25.5 38.3

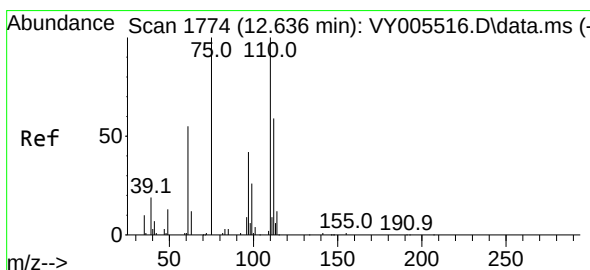
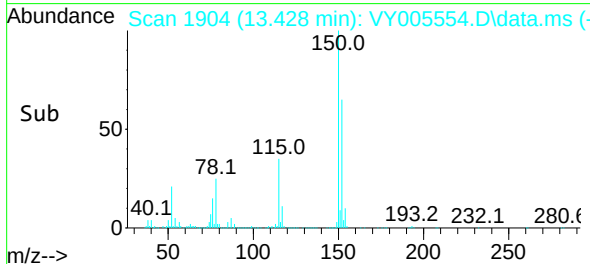
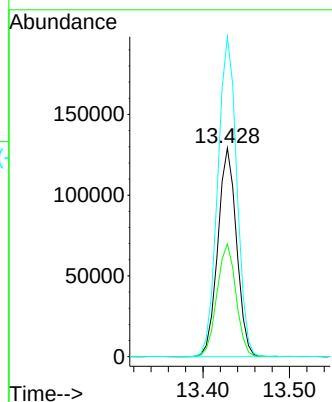
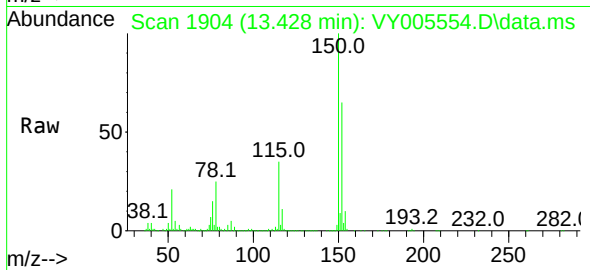




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

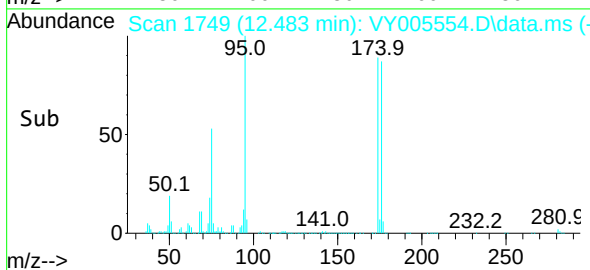
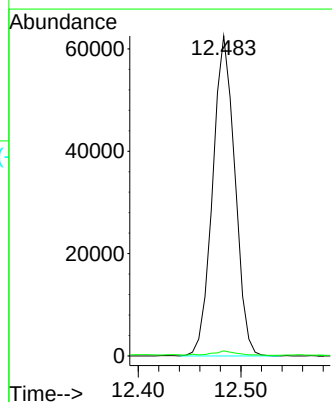
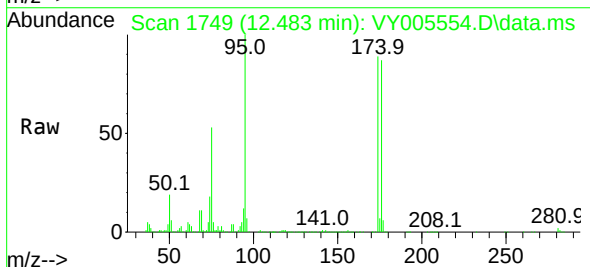
Instrument :
MSVOA_Y
ClientSampleId :

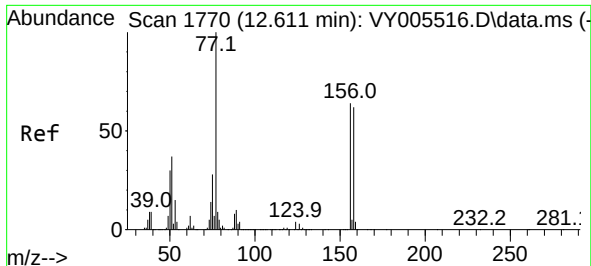
Tgt Ion:152 Resp: 194039
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 156.3 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 46.618 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 75 Resp: 93740
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

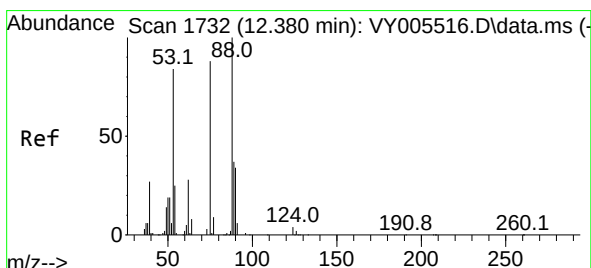
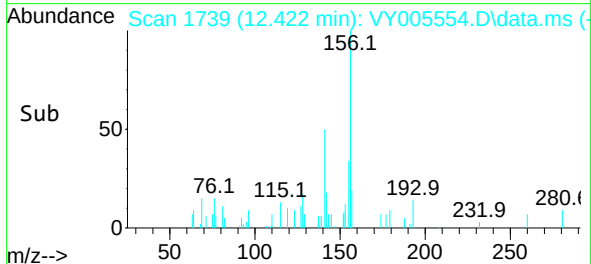
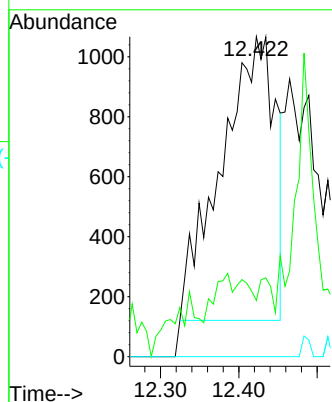
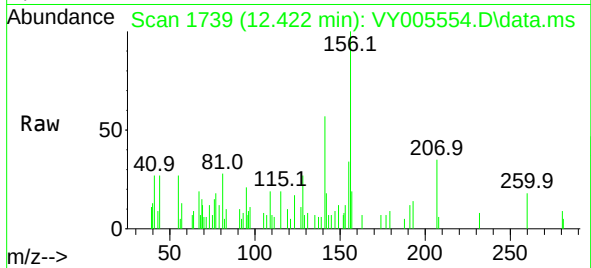




#77
Bromobenzene
Concen: 1.359 ug/l
RT: 12.422 min Scan# 1739
Delta R.T. -0.189 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 4523
Ion Ratio Lower Upper
156 100
77 4.1 85.5 256.5#
158 0.0 48.5 145.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 75 Resp: 93740
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

