

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005618.D
 Acq On : 12 Aug 2021 13:33
 Operator : SY/MD
 Sample : M3368-03
 Misc : 8.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 04:21:42 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)

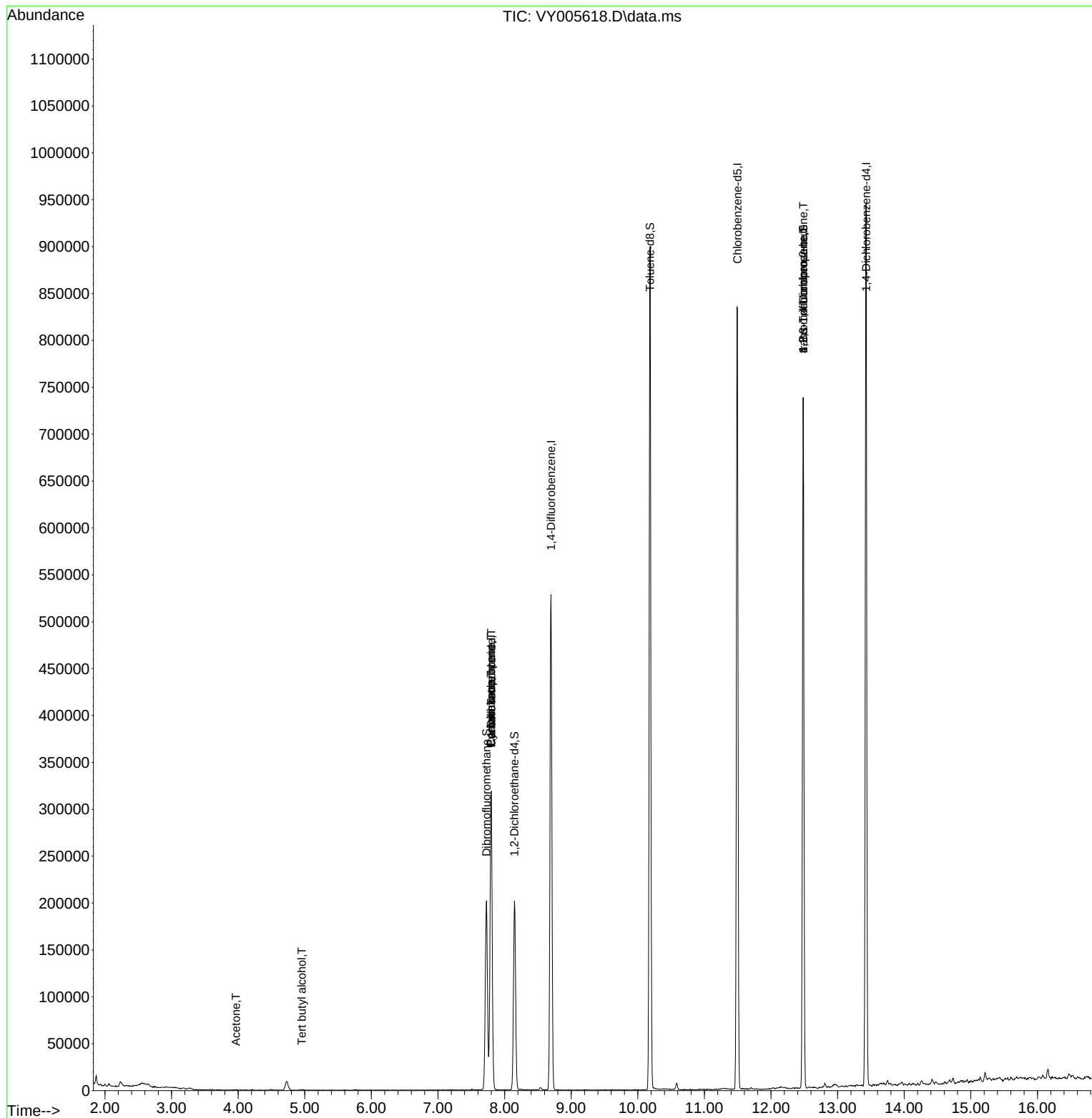
Internal Standards						
1) Pentafluorobenzene	7.801	168	259956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	450494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	461053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	244164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	163358	62.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.160%	
35) Dibromofluoromethane	7.728	113	137548	54.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.185	98	576673	54.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.483	95	212285	60.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.200%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	1105	4.248	ug/l #	89
16) Acetone	3.966	43	790	1.191	ug/l #	45
20) Methylene Chloride	4.728	84	7139	Below Cal		89
31) Cyclohexane	7.795	56	4615	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18404	4.356	ug/l #	49
38) Carbon Tetrachloride	7.801	117	23613	5.142	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	114169	45.122	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	114169	90.960	ug/l #	11

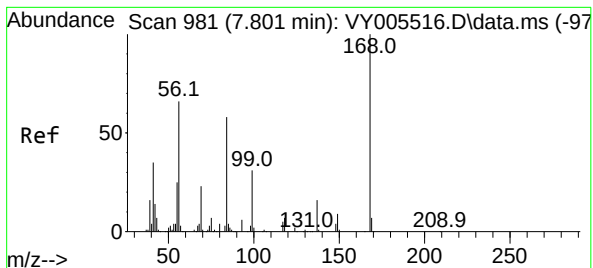
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005618.D

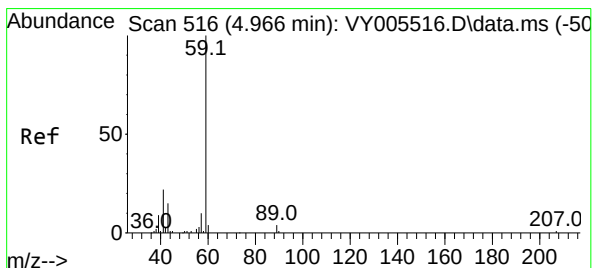
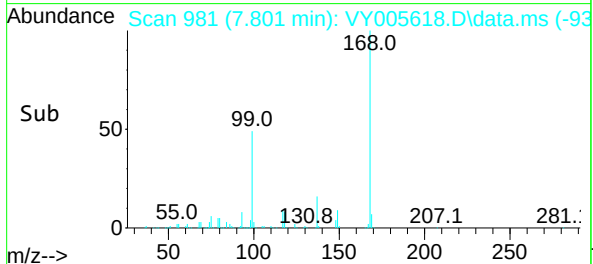
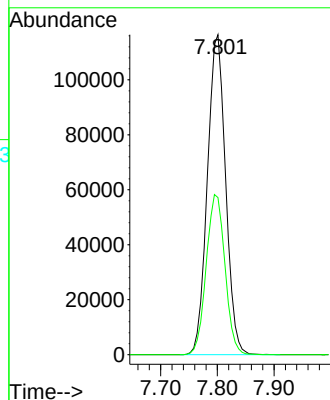
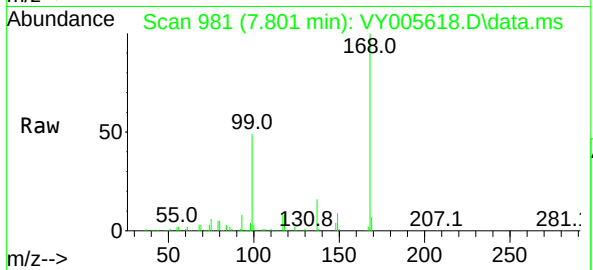
Acq: 12 Aug 2021 13:33

Tgt Ion:168 Resp: 259956

Ion Ratio Lower Upper

168 100

99 49.1 38.9 58.3



#11

Tert butyl alcohol

Concen: 4.248 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY005618.D

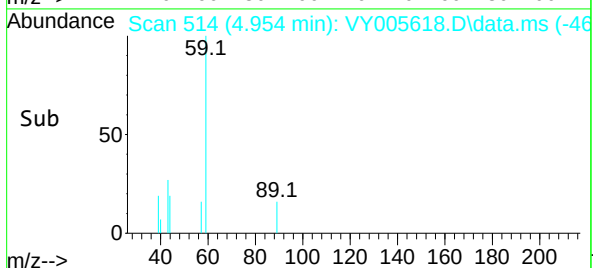
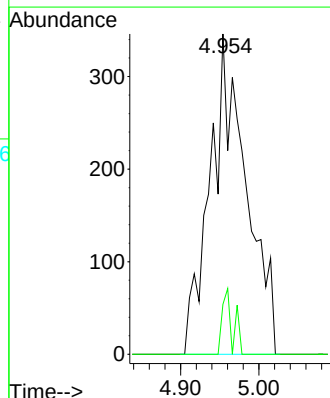
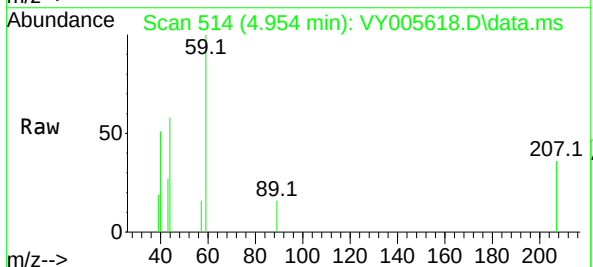
Acq: 12 Aug 2021 13:33

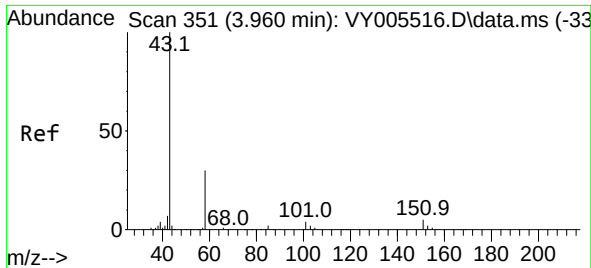
Tgt Ion: 59 Resp: 1105

Ion Ratio Lower Upper

59 100

57 5.9 8.0 12.0#

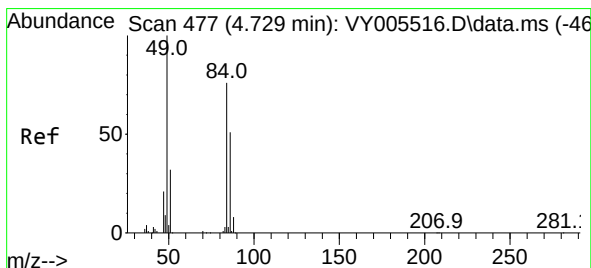
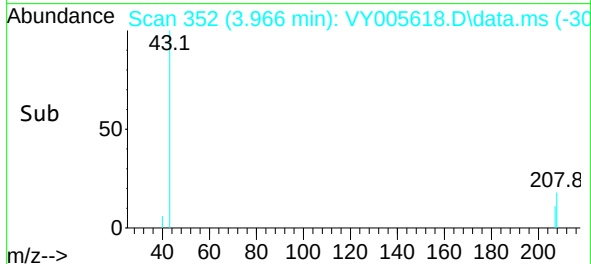
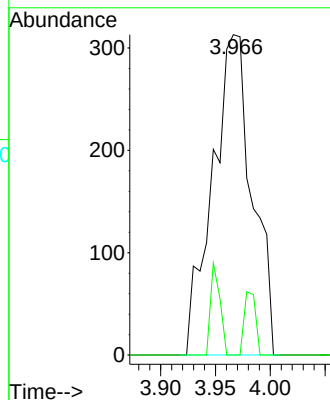
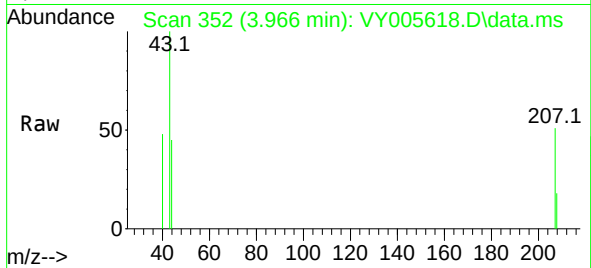




#16
Acetone
Concen: 1.191 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

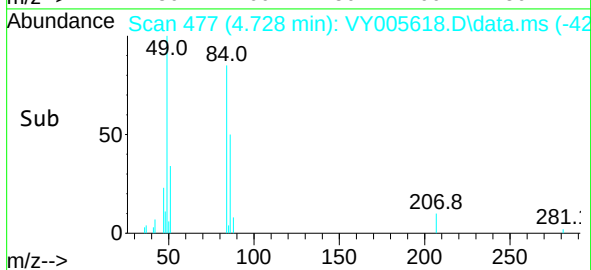
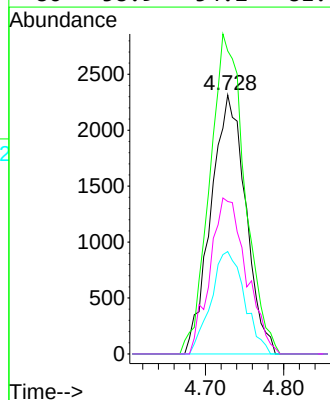
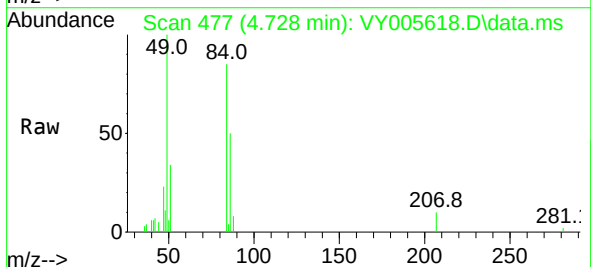
Instrument :
MSVOA_Y
ClientSampled :

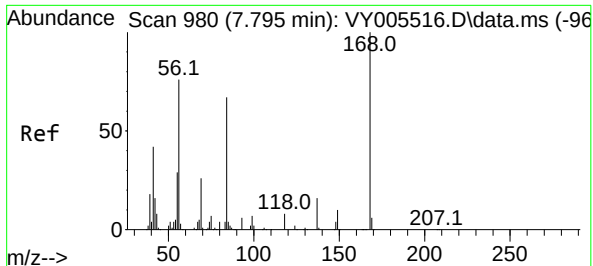
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

Tgt Ion: 84 Resp: 7139
Ion Ratio Lower Upper
84 100
49 117.0 105.8 158.6
51 39.6 33.4 50.2
86 58.9 54.2 81.4

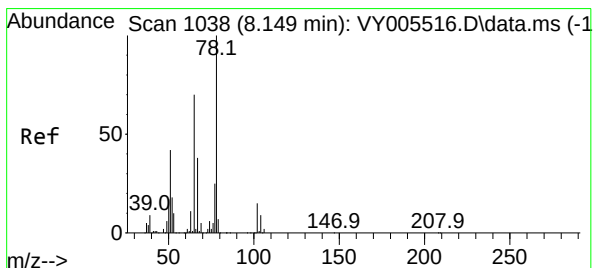
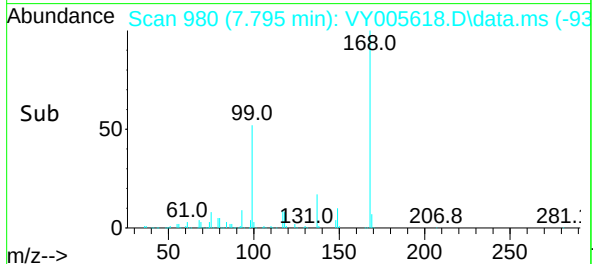
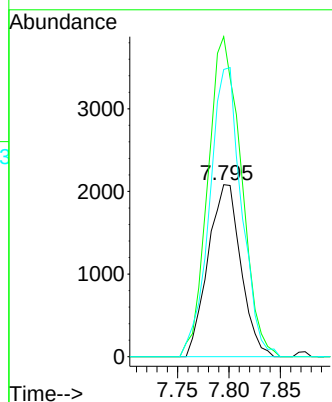
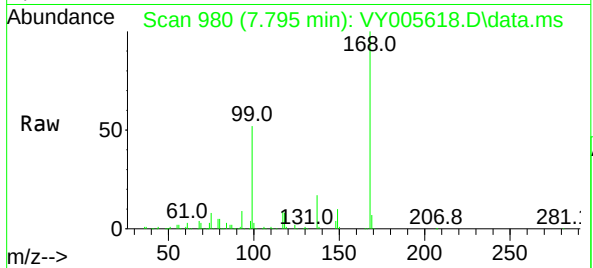




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

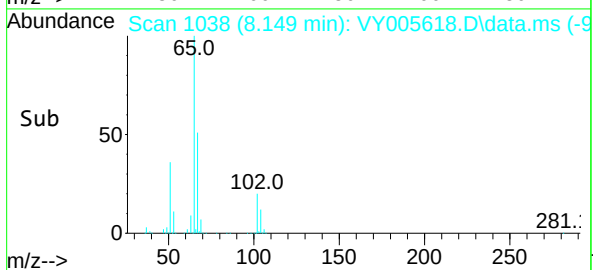
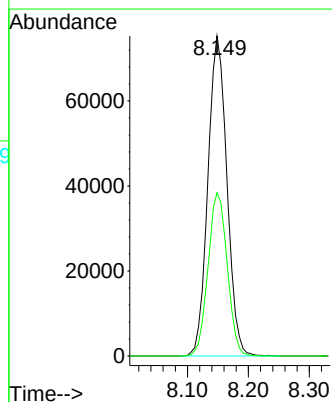
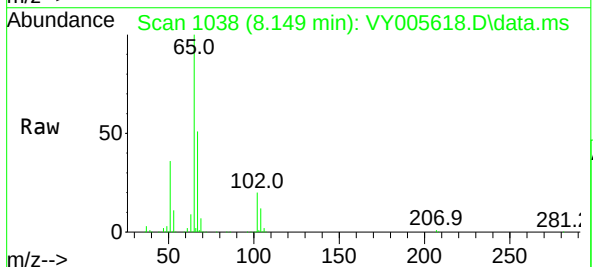
Instrument :
MSVOA_Y
ClientSampleId :

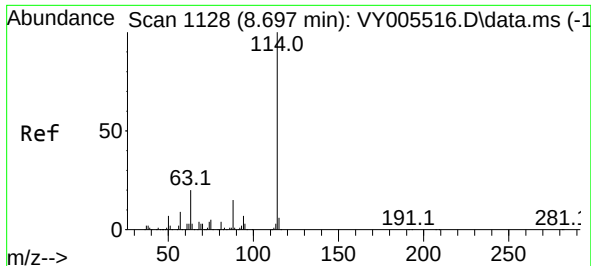
Tgt Ion: 56 Resp: 4615
Ion Ratio Lower Upper
56 100
69 186.1 27.7 41.5#
84 167.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.080 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

Tgt Ion: 65 Resp: 163358
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

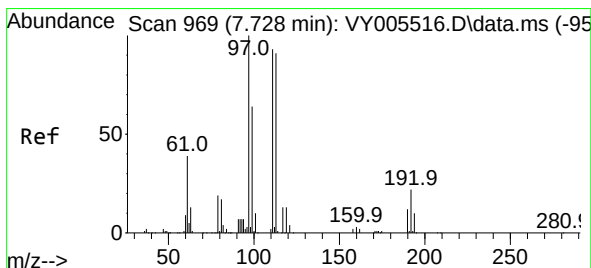
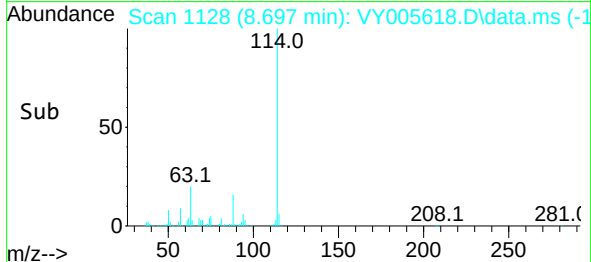
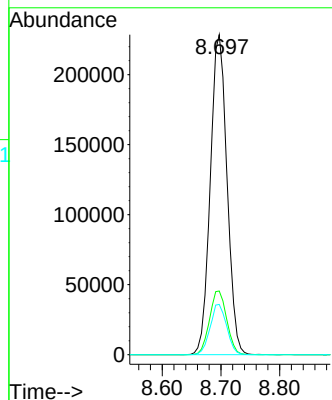
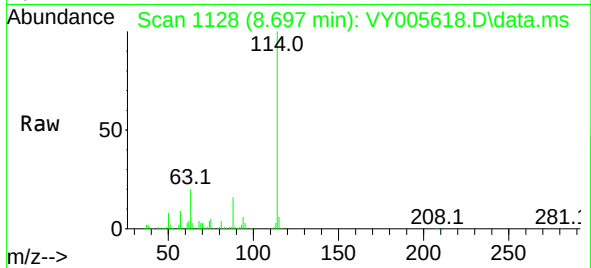




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

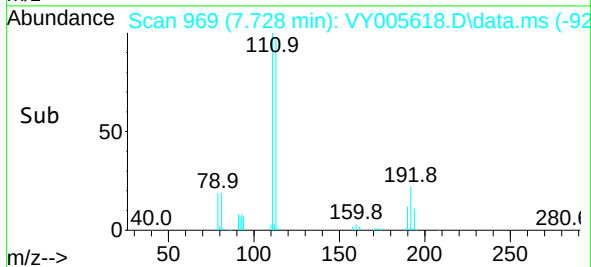
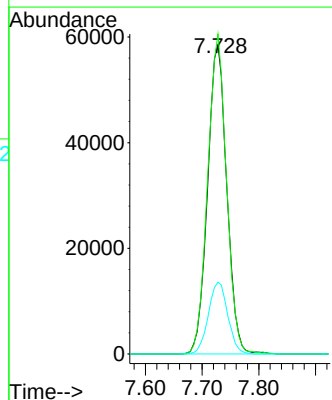
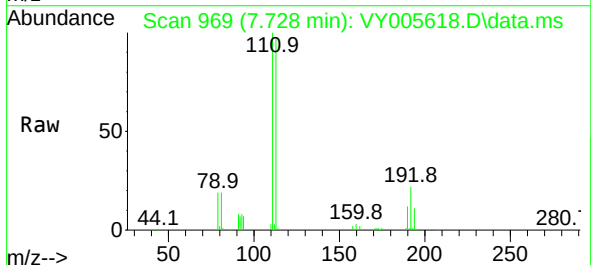
Instrument :
MSVOA_Y
ClientSampleId :

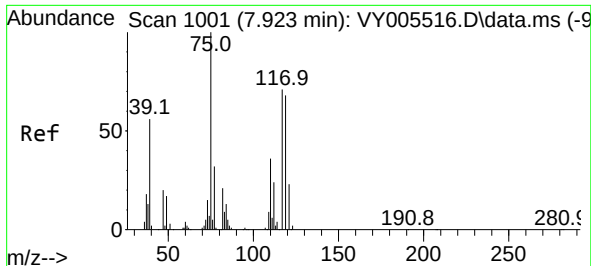
Tgt Ion:114 Resp: 450494
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.535 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

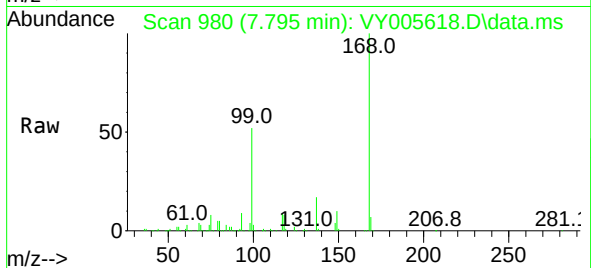
Tgt Ion:113 Resp: 137548
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 23.5 19.2 28.8



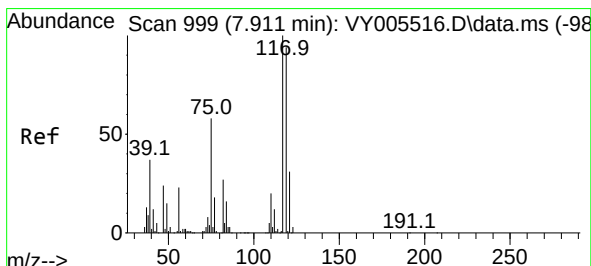
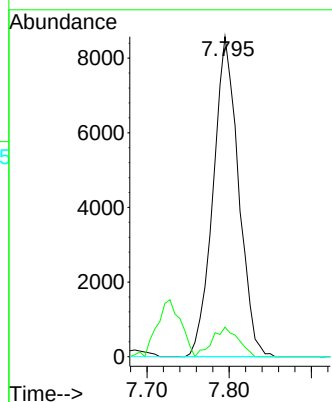
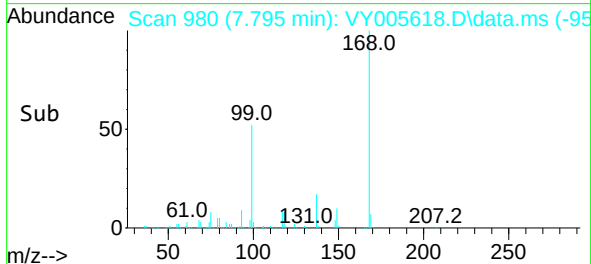


#36
1,1-Dichloropropene
Concen: 4.356 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

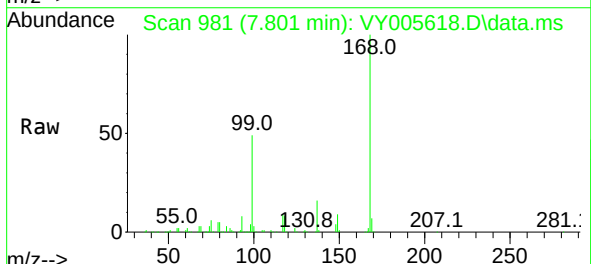
Instrument :
MSVOA_Y
ClientSampleId :



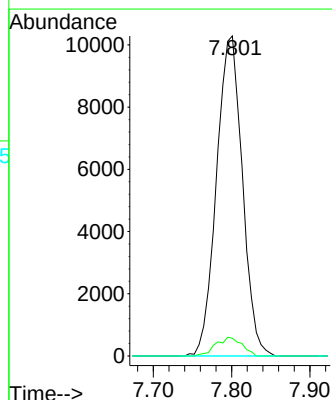
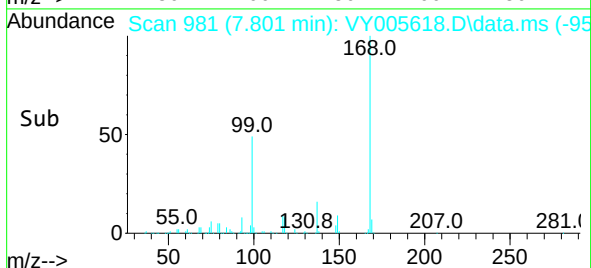
Tgt Ion: 75 Resp: 18404
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.1#
77 0.0 25.1 37.7#

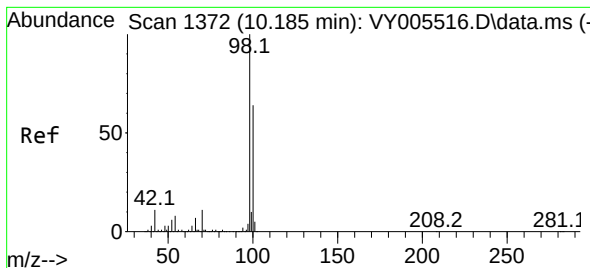


#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33



Tgt Ion: 117 Resp: 23613
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 25.1 37.7#

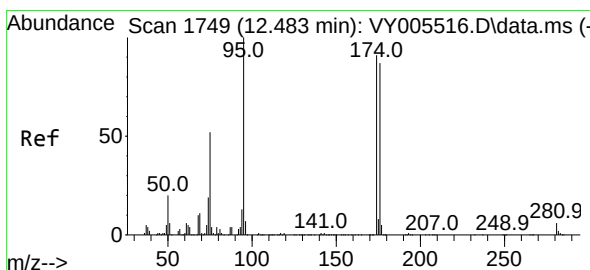
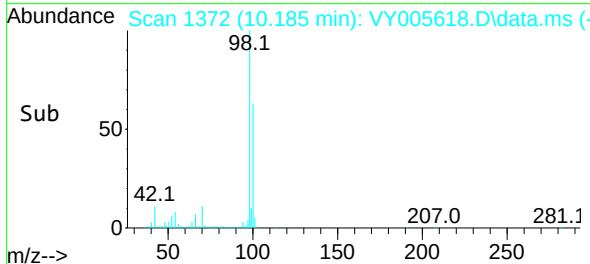
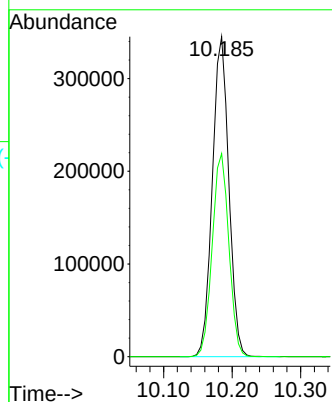
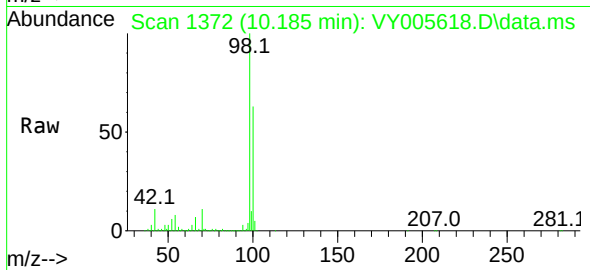




#50
Toluene-d8
Concen: 54.516 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

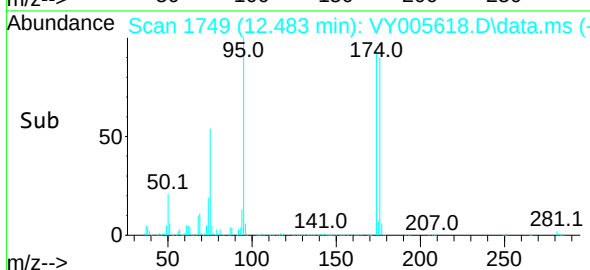
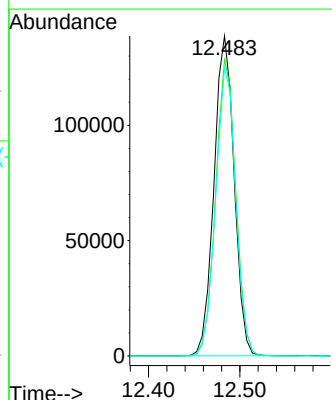
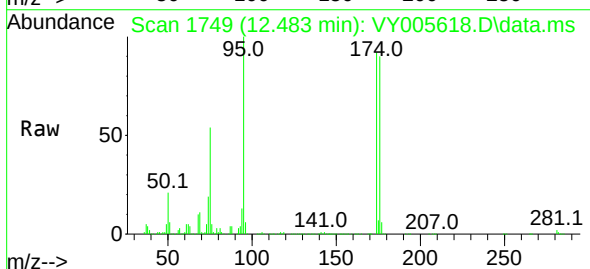
Instrument :
MSVOA_Y
ClientSampled :

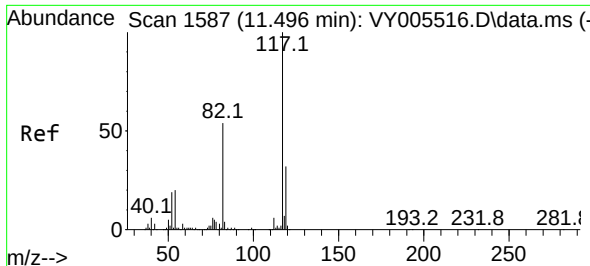
Tgt Ion: 98 Resp: 576673
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 60.603 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

Tgt Ion: 95 Resp: 212285
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.4
176 89.7 0.0 183.6

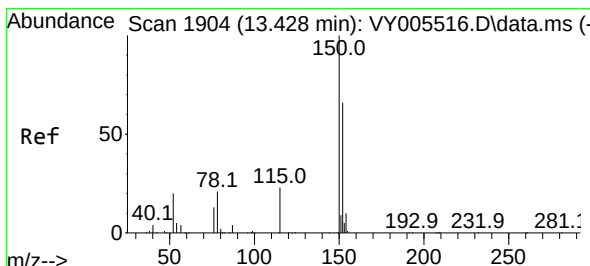
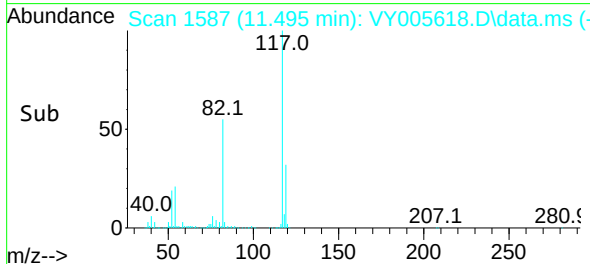
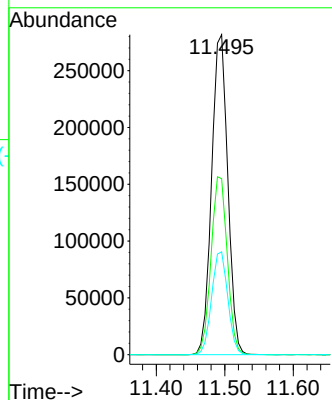
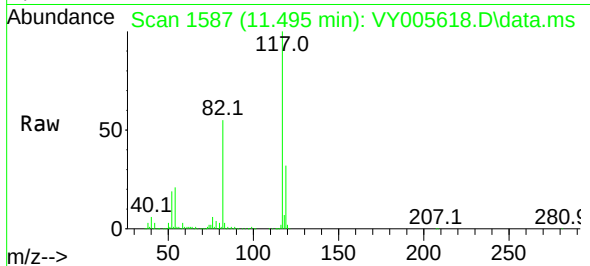




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

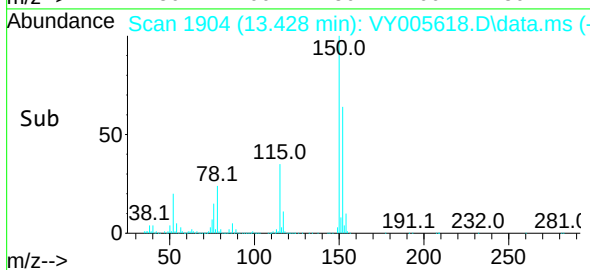
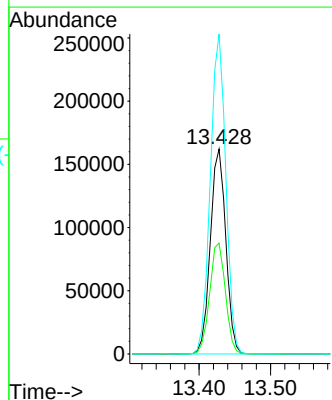
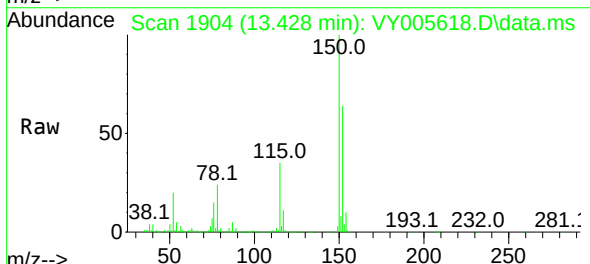
Instrument :
MSVOA_Y
ClientSampleId :

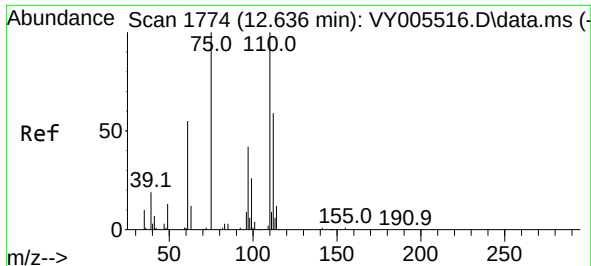
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.5	65.3
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	155.4	0.0	350.2

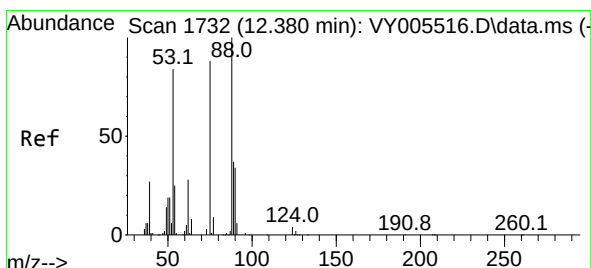
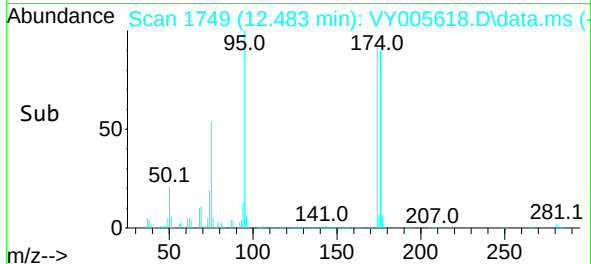
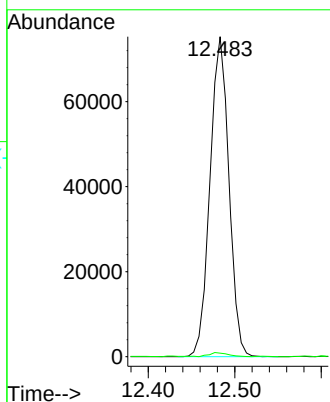
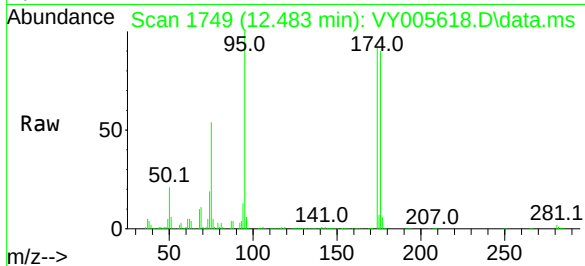




#76
1,2,3-Trichloropropane
Concen: 45.122 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 114169
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.960 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005618.D
Acq: 12 Aug 2021 13:33

Tgt Ion: 75 Resp: 114169
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

