

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005624.D
 Acq On : 12 Aug 2021 15:52
 Operator : SY/MD
 Sample : M3331-10RE
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 04:23:09 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)

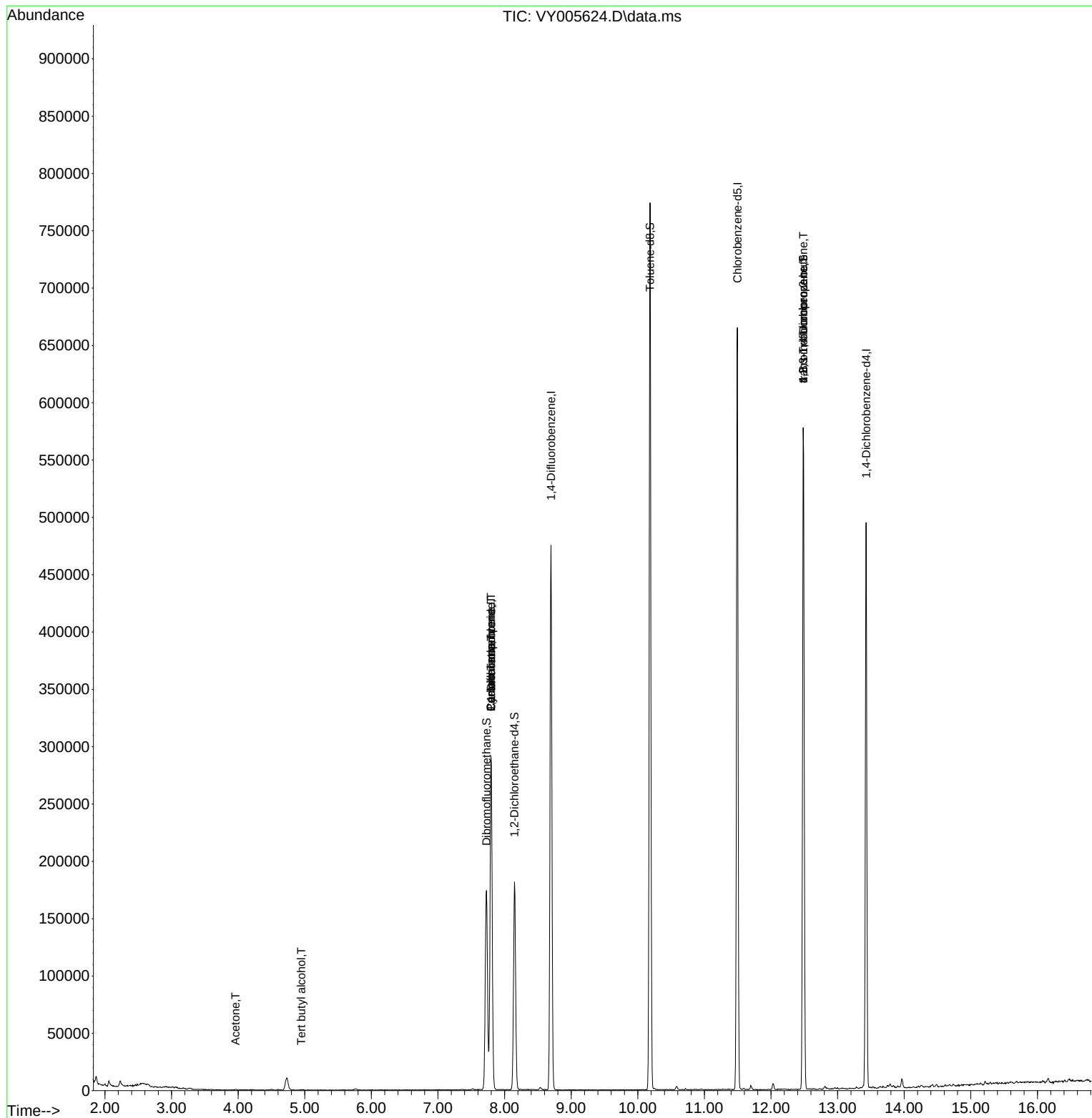
Internal Standards						
1) Pentafluorobenzene	7.795	168	237867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	397436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	355324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	143055	59.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.820%	
35) Dibromofluoromethane	7.728	113	121514	54.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.185	98	495302	53.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	138343	44.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	865	3.634	ug/l #	73
16) Acetone	3.960	43	759	1.250	ug/l #	76
20) Methylene Chloride	4.735	84	8052	Below Cal		92
31) Cyclohexane	7.795	56	4570	1.107	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	17022	4.566	ug/l #	49
38) Carbon Tetrachloride	7.795	117	21154	5.221	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	76474	58.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76474	117.520	ug/l #	11

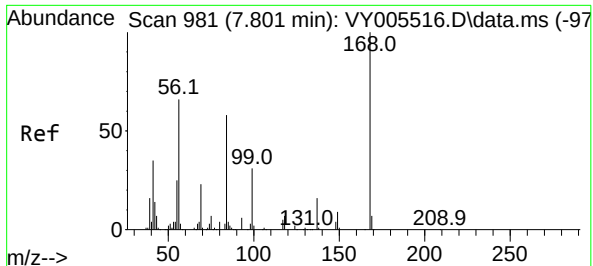
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 04:23:09 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

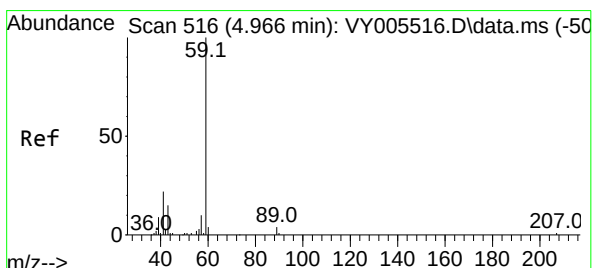
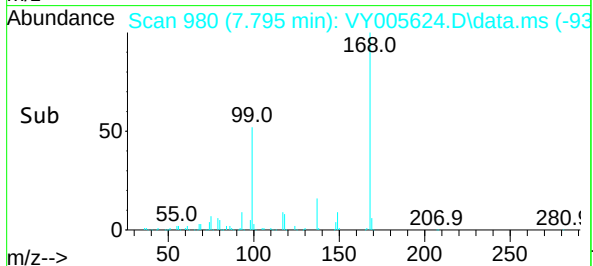
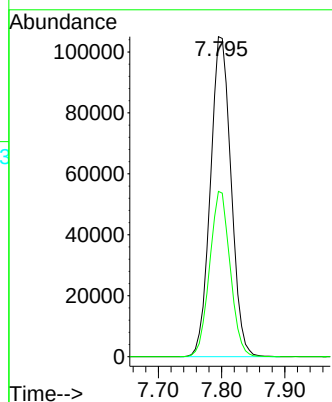
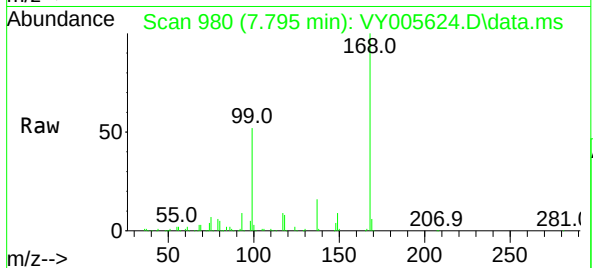




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

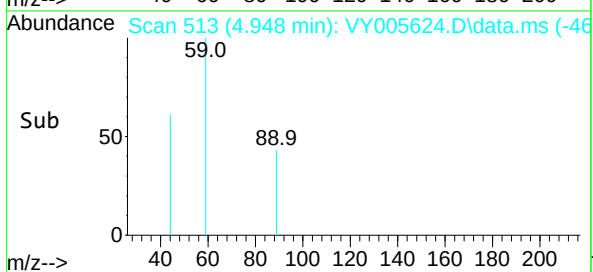
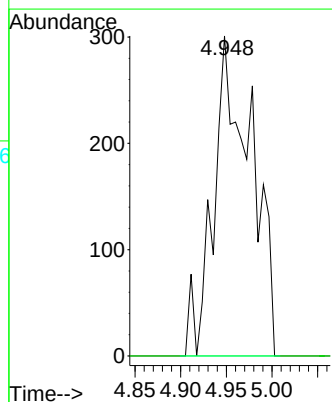
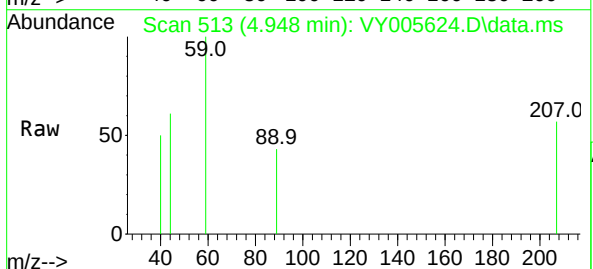
Instrument :
MSVOA_Y
ClientSampleId :

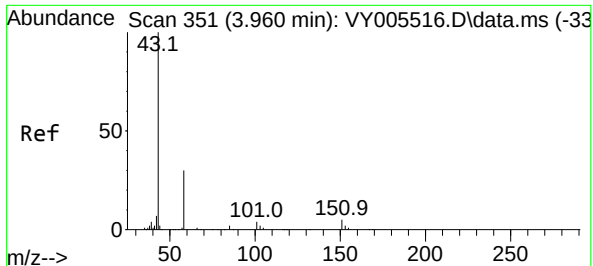
Tgt Ion:168 Resp: 237867
Ion Ratio Lower Upper
168 100
99 51.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.634 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 59 Resp: 865
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

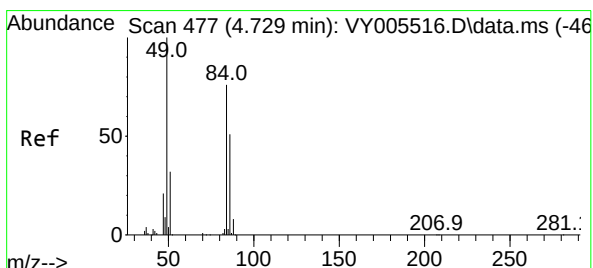
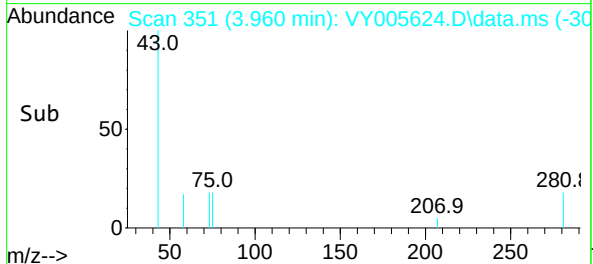
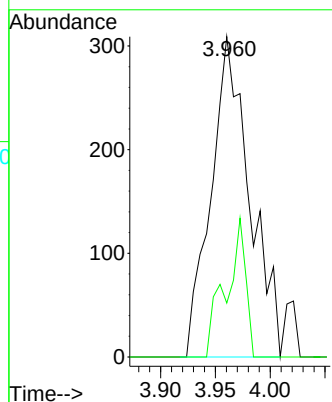
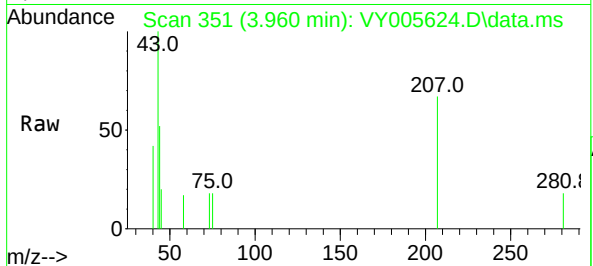




#16
Acetone
Concen: 1.250 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

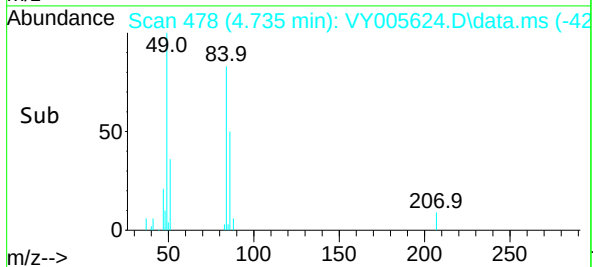
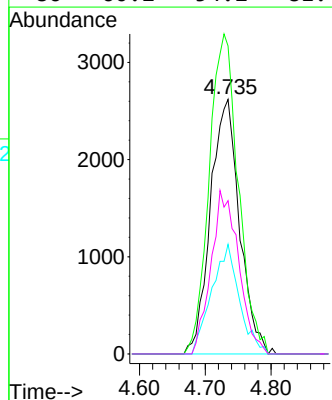
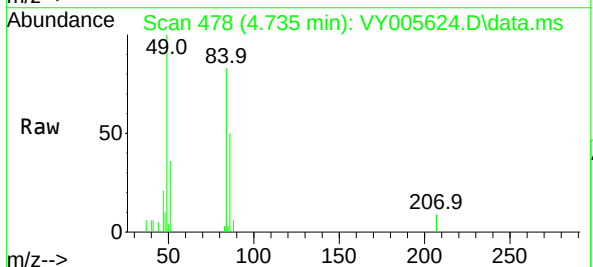
Instrument :
MSVOA_Y
ClientSampleId :

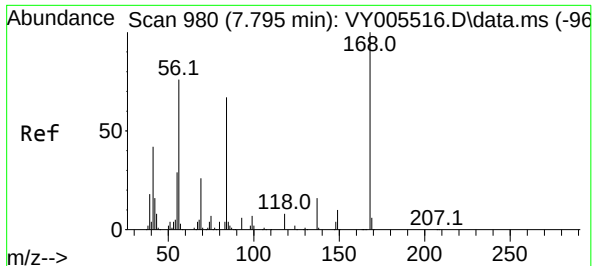
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 16.8 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 84 Resp: 8052
Ion Ratio Lower Upper
84 100
49 121.0 105.8 158.6
51 43.1 33.4 50.2
86 60.2 54.2 81.4

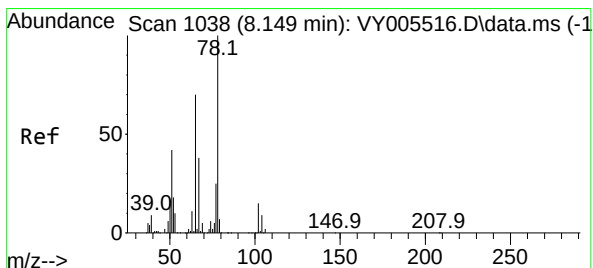
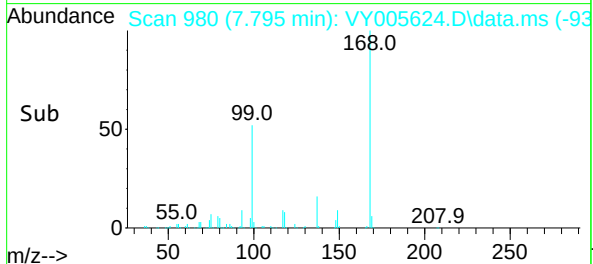
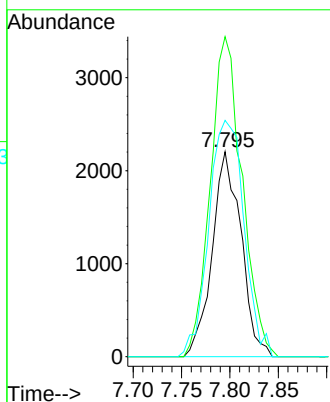
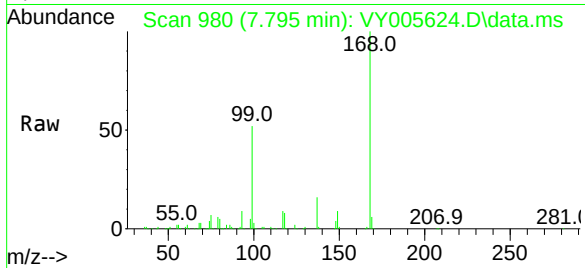




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

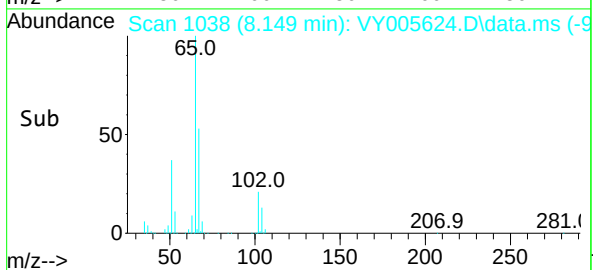
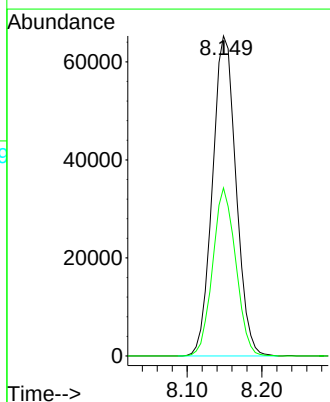
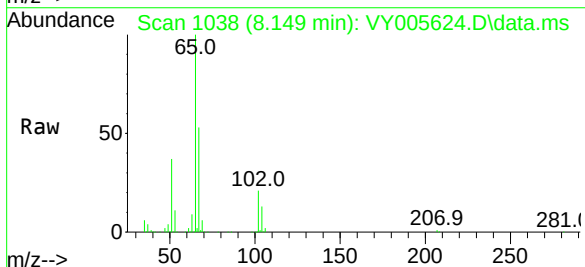
Instrument :
MSVOA_Y
ClientSampleId :

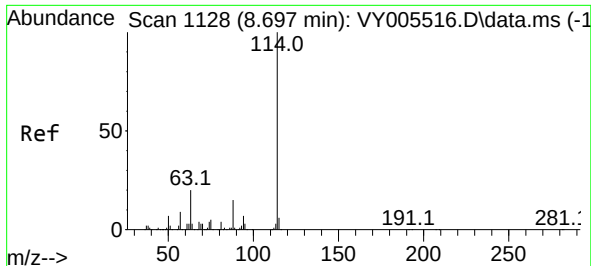
Tgt Ion: 56 Resp: 4570
Ion Ratio Lower Upper
56 100
69 156.1 27.7 41.5#
84 115.3 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 59.413 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 65 Resp: 143055
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

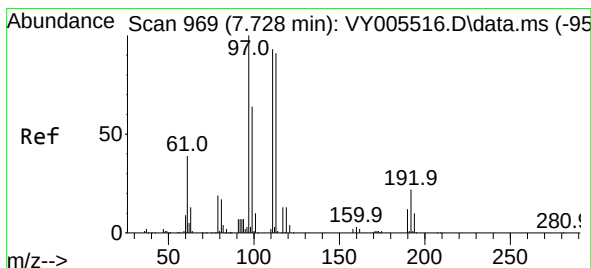
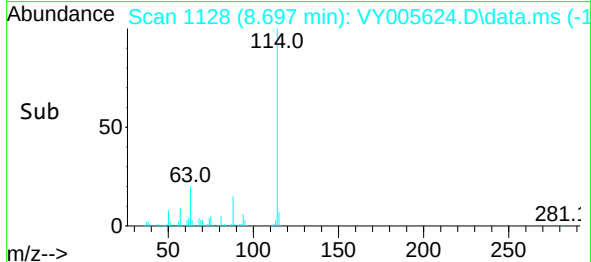
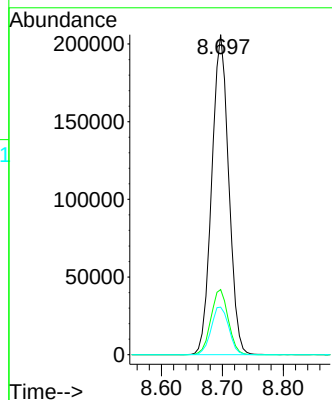
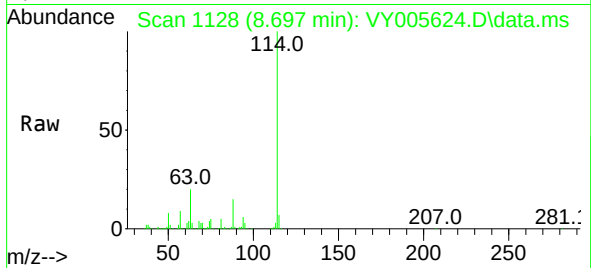




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

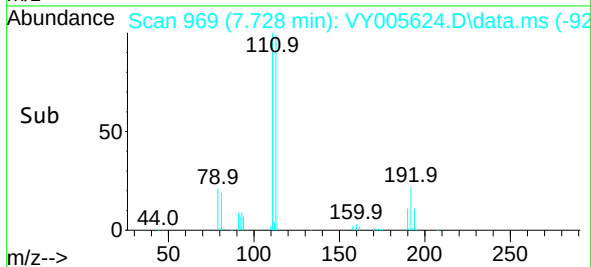
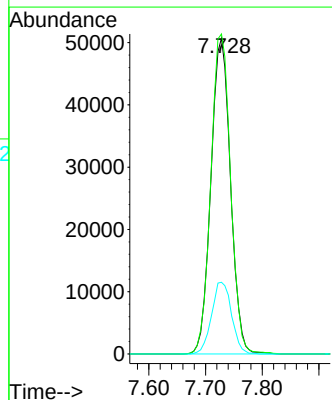
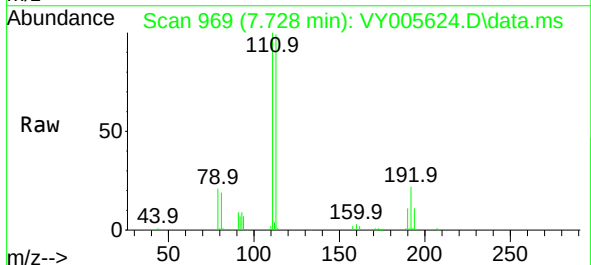
Instrument :
MSVOA_Y
ClientSampleId :

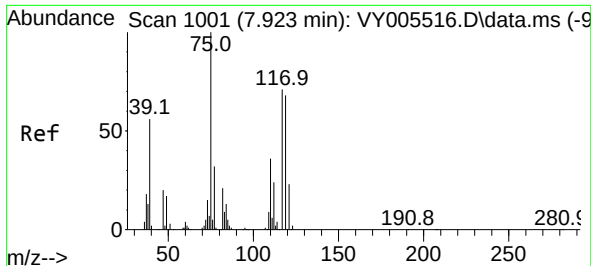
Tgt Ion:114 Resp: 397436
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.609 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion:113 Resp: 121514
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 23.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.566 ug/l

RT: 7.795 min Scan# 980

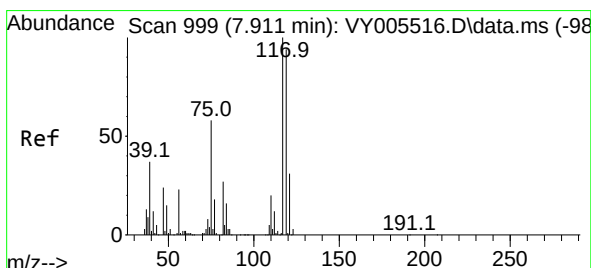
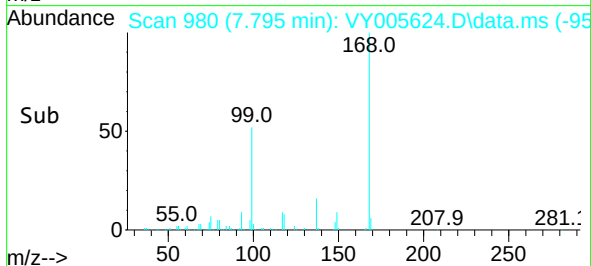
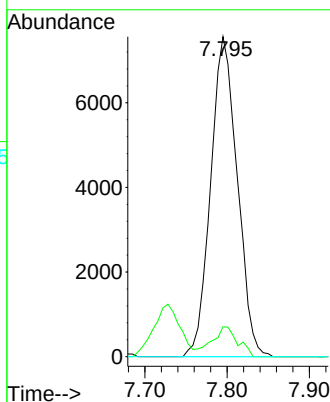
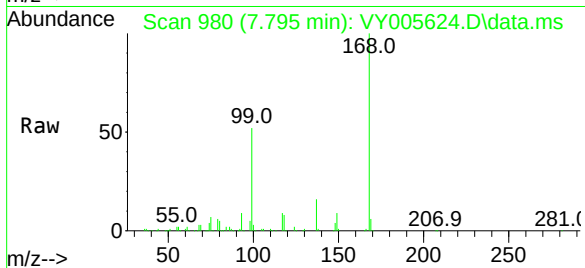
Delta R.T. -0.128 min

Lab File: VY005624.D

Acq: 12 Aug 2021 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	17022
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.221 ug/l

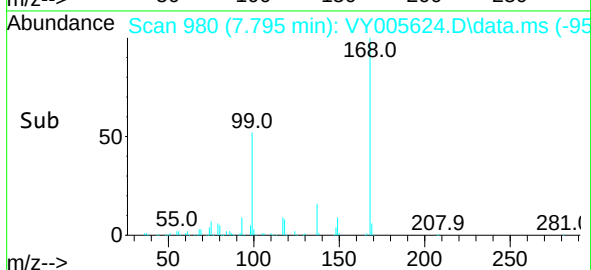
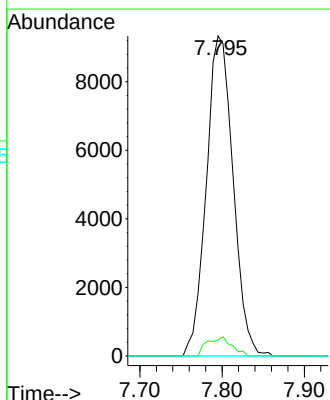
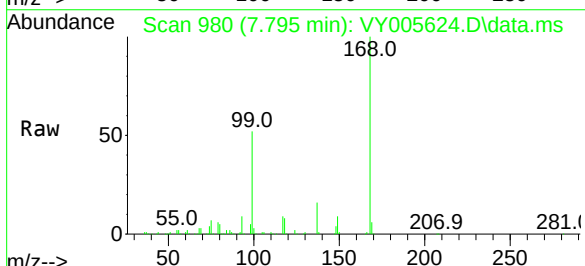
RT: 7.795 min Scan# 980

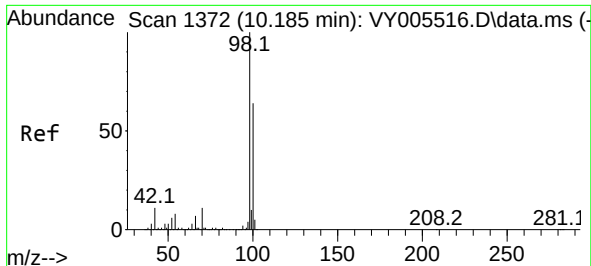
Delta R.T. -0.116 min

Lab File: VY005624.D

Acq: 12 Aug 2021 15:52

Tgt Ion:	117	Resp:	21154
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.0	25.1	37.7#

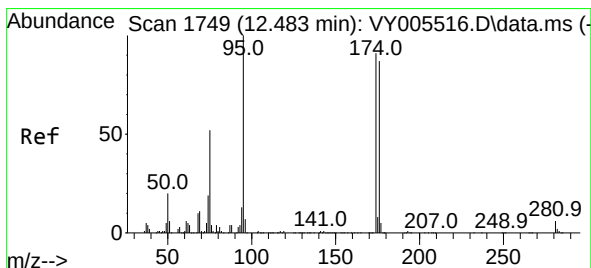
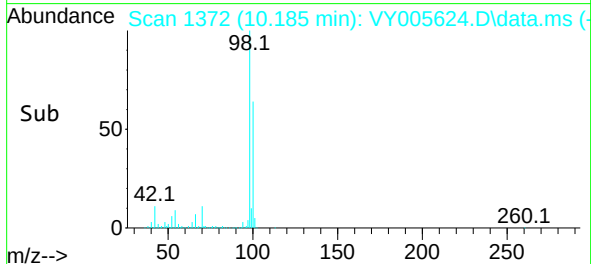
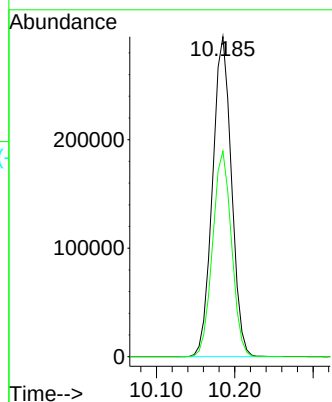
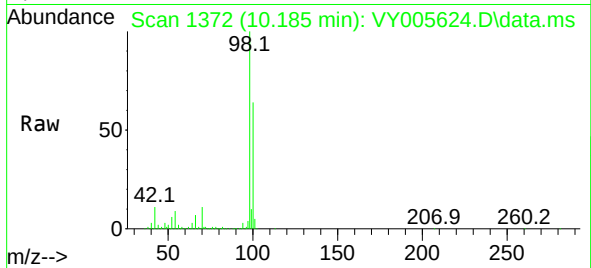




#50
Toluene-d8
Concen: 53.075 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

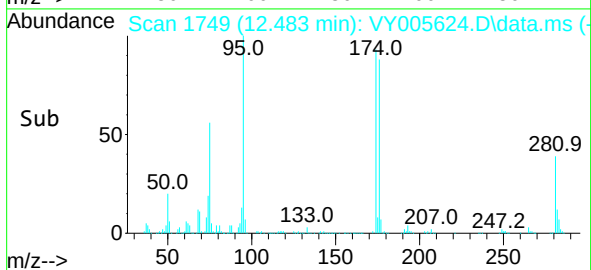
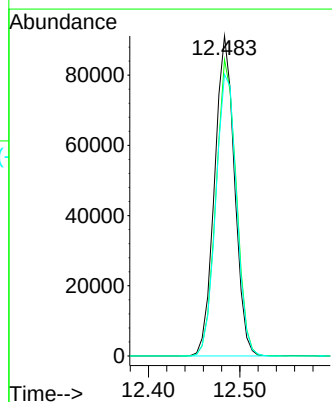
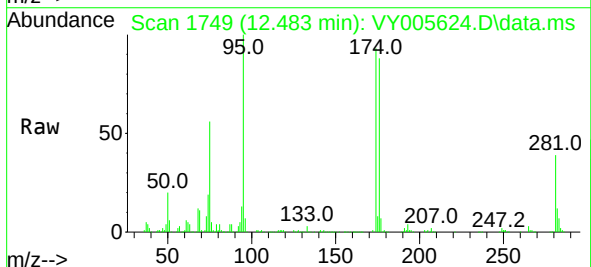
Instrument :
MSVOA_Y
ClientSampled :

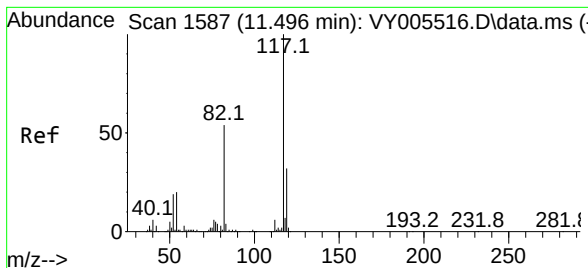
Tgt Ion: 98 Resp: 495302
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.766 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 95 Resp: 138343
Ion Ratio Lower Upper
95 100
174 94.2 0.0 191.4
176 91.6 0.0 183.6

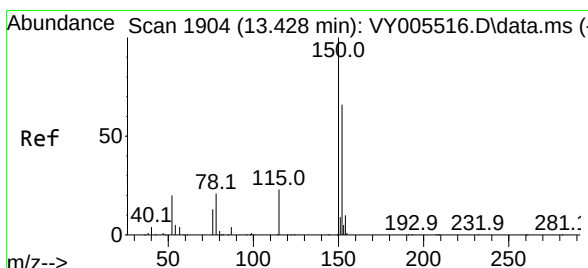
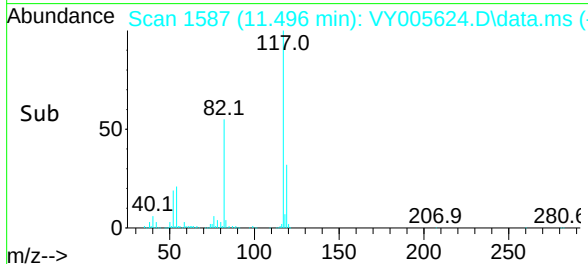
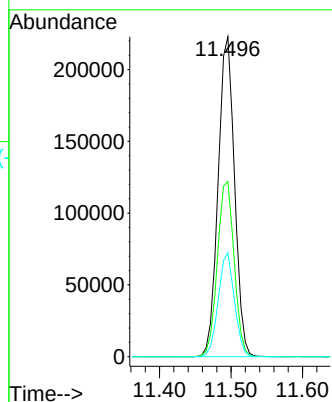
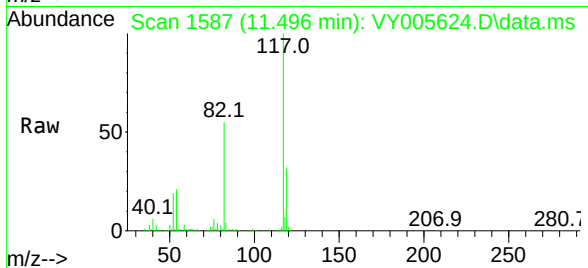




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

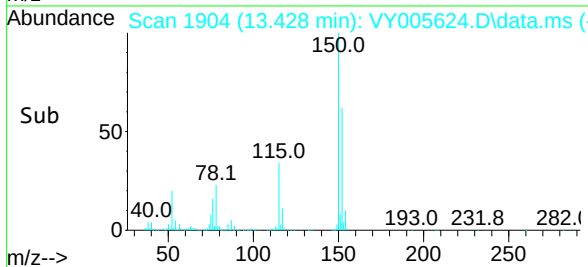
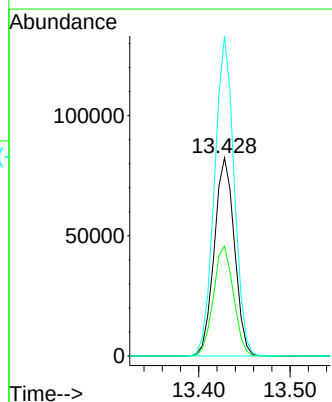
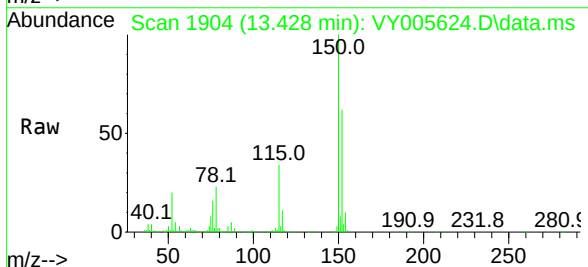
Instrument :
MSVOA_Y
ClientSampleId :

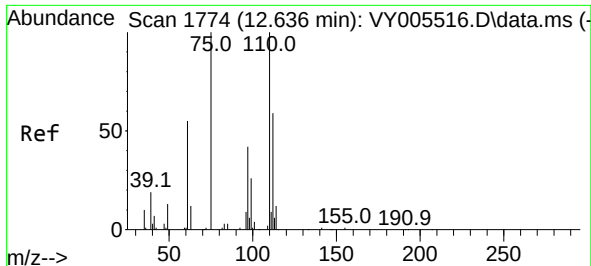
Tgt Ion:117 Resp: 355324
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion:152 Resp: 126585
Ion Ratio Lower Upper
152 100
115 55.2 27.3 81.9
150 157.3 0.0 350.2

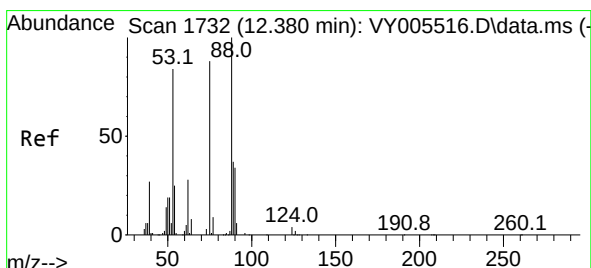
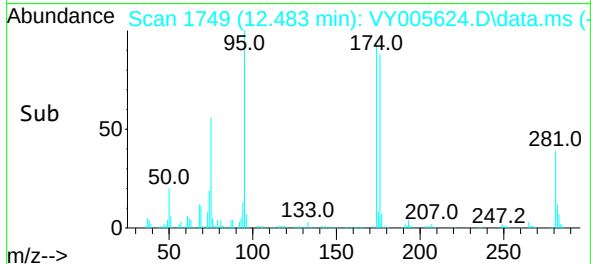
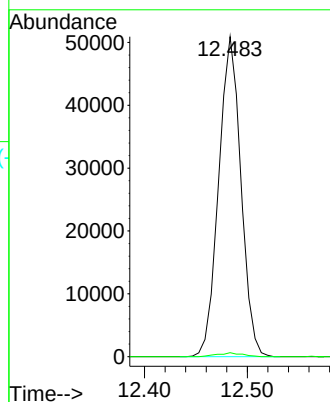
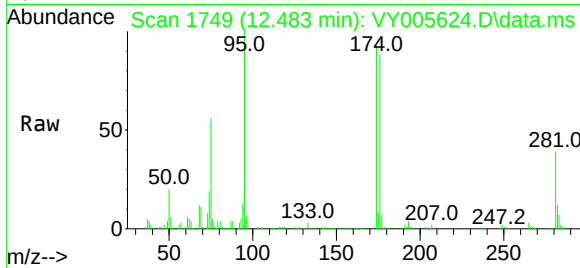




#76
1,2,3-Trichloropropane
Concen: 58.298 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76474
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.520 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005624.D
Acq: 12 Aug 2021 15:52

Tgt Ion: 75 Resp: 76474
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.5 38.4 57.6#

