

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005206.D
 Acq On : 24 Jun 2021 13:19
 Operator : SY/MD
 Sample : M2829-04
 Misc : 6.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:33:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

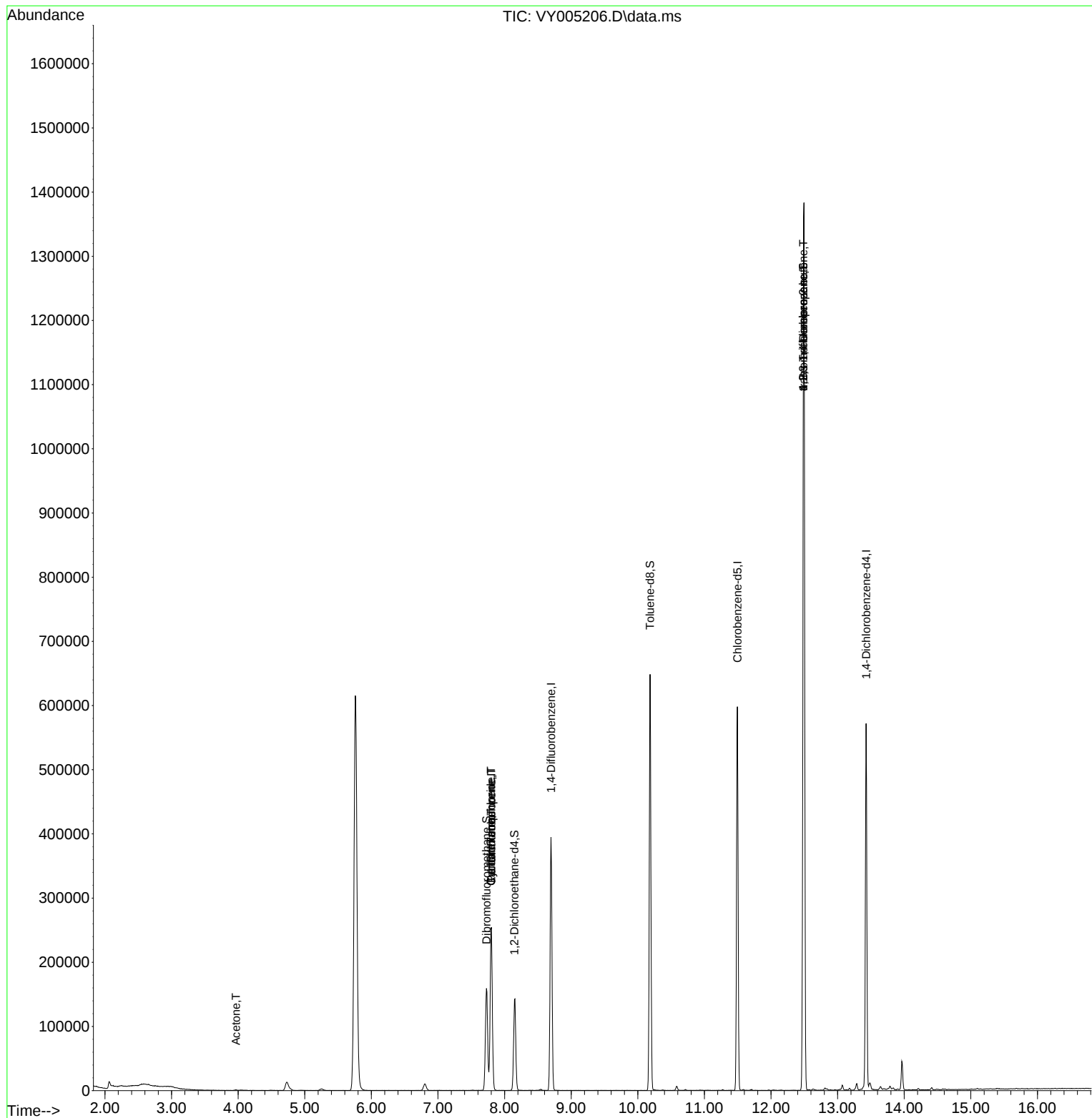
Internal Standards						
1) Pentafluorobenzene	7.801	168	222723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	358025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	348584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	112659	60.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.900%	
35) Dibromofluoromethane	7.728	113	112018	53.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.185	98	433668	51.358	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.483	95	147936	52.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	499	Below Cal	#	77
16) Acetone	3.966	43	1418	3.321	ug/l	92
20) Methylene Chloride	4.728	84	10731	Below Cal		94
31) Cyclohexane	7.795	56	5769	1.748	ug/l #	27
36) 1,1-Dichloropropene	7.801	75	13243	4.201	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18622	5.643	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73255	51.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73255	96.873	ug/l #	19

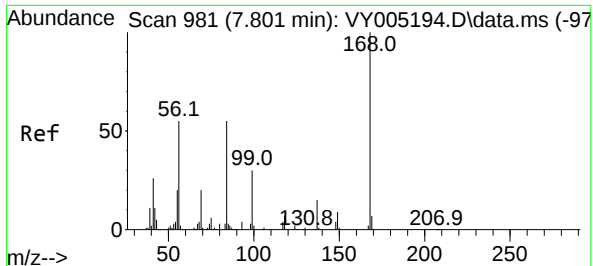
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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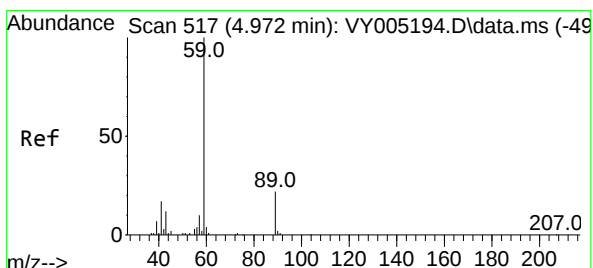
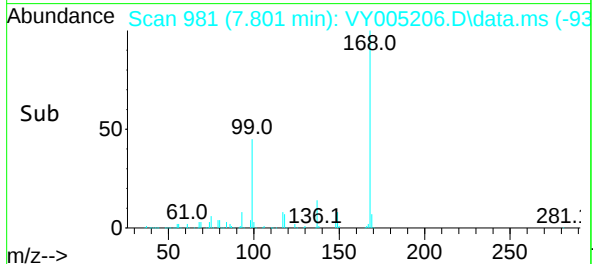
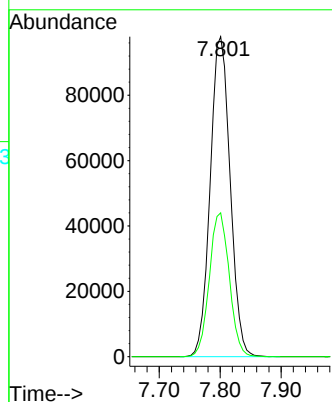
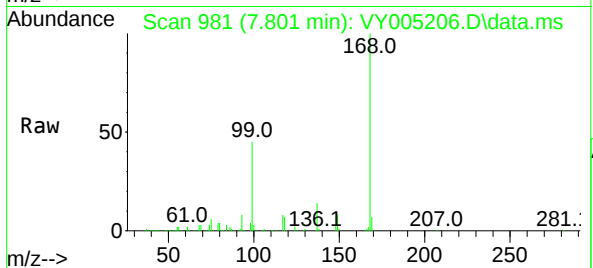




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

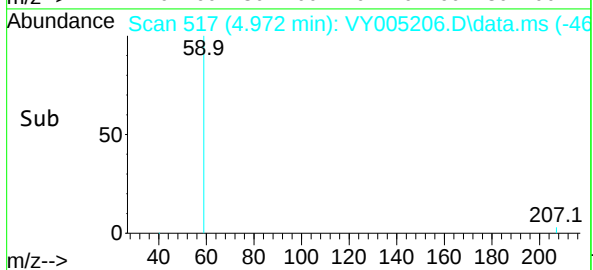
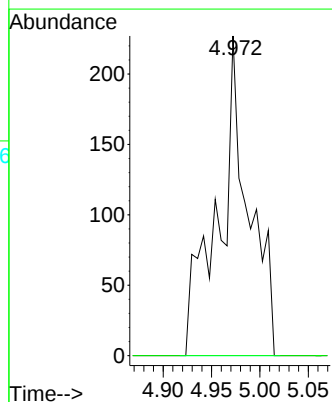
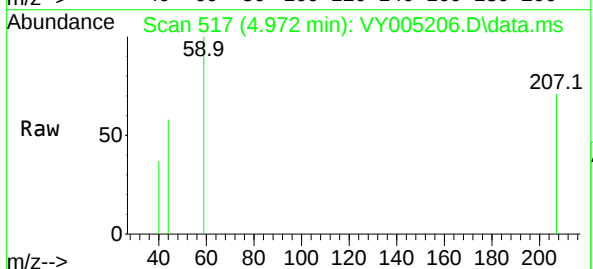
Instrument :
MSVOA_Y
ClientSampled :

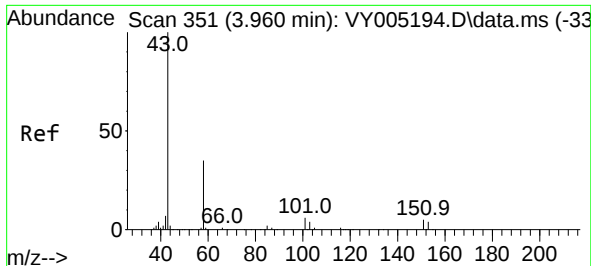
Tgt Ion:168 Resp: 222723
Ion Ratio Lower Upper
168 100
99 45.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

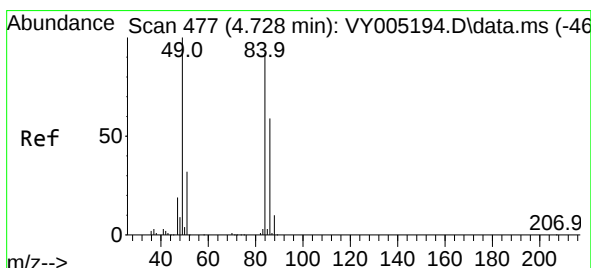
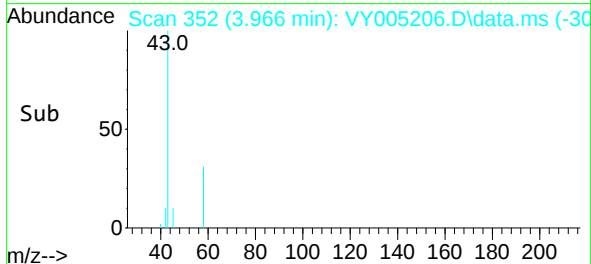
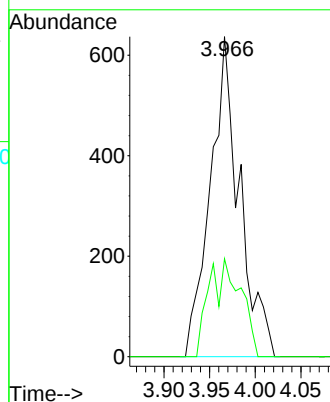
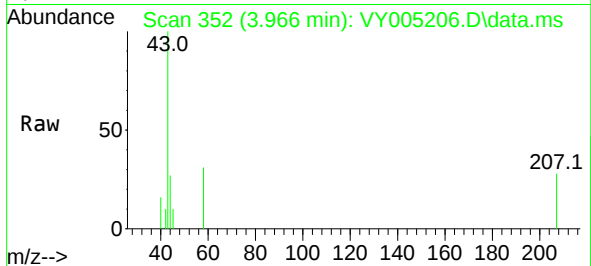




#16
Acetone
Concen: 3.321 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

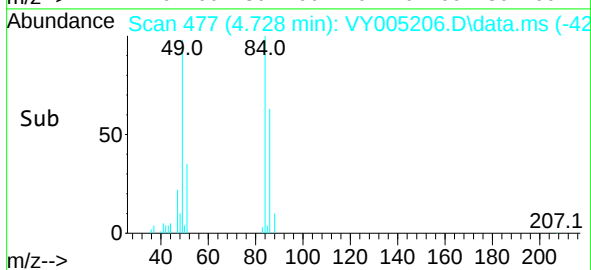
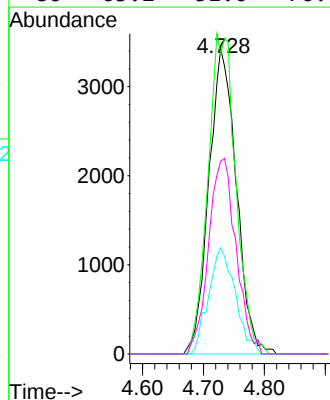
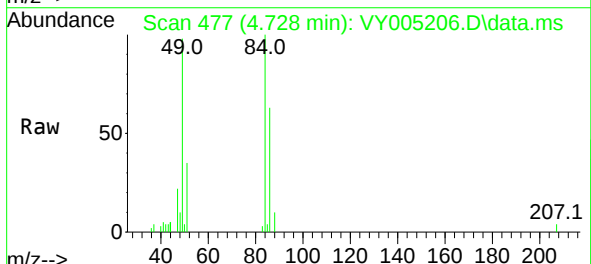
Instrument :
MSVOA_Y
ClientSampled :

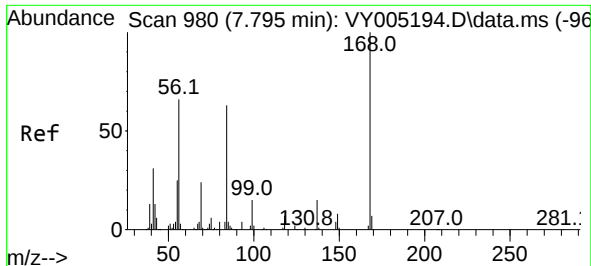
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 30.6 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion: 84 Resp: 10731
Ion Ratio Lower Upper
84 100
49 98.3 86.9 130.3
51 34.8 27.4 41.2
86 63.2 51.0 76.6

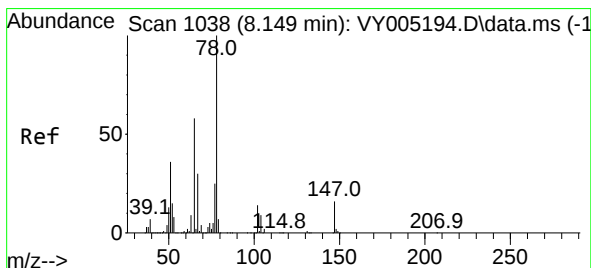
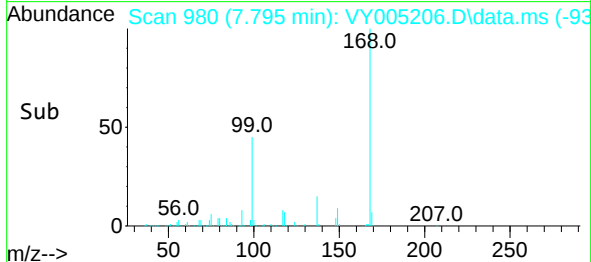
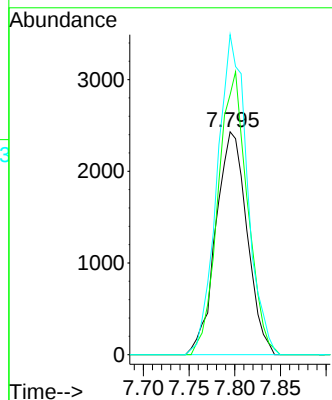
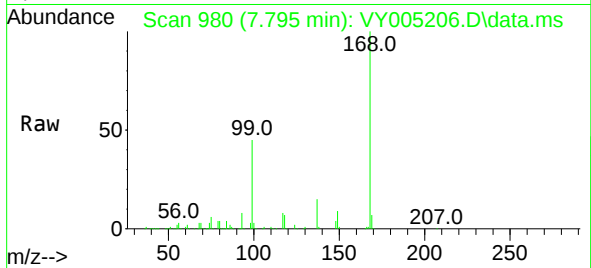




#31
Cyclohexane
Concen: 1.748 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

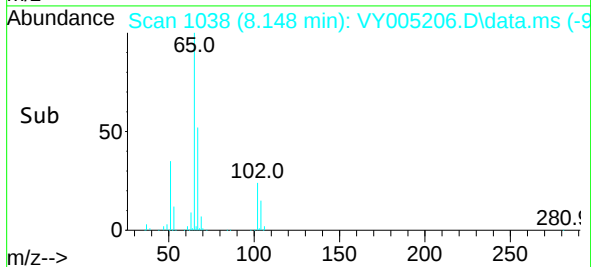
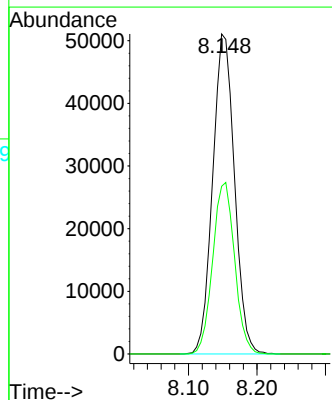
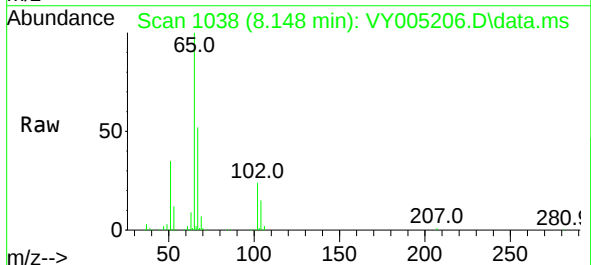
Instrument :
MSVOA_Y
ClientSampleId :

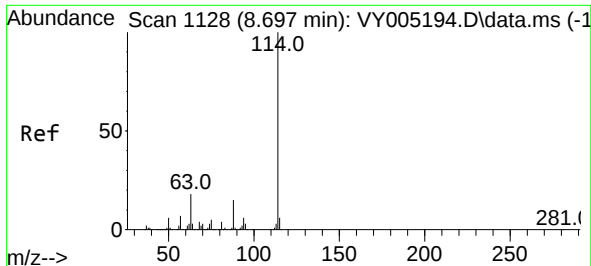
Tgt Ion: 56 Resp: 5769
Ion Ratio Lower Upper
56 100
69 116.7 29.6 44.4#
84 143.6 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 60.953 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion: 65 Resp: 112659
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6

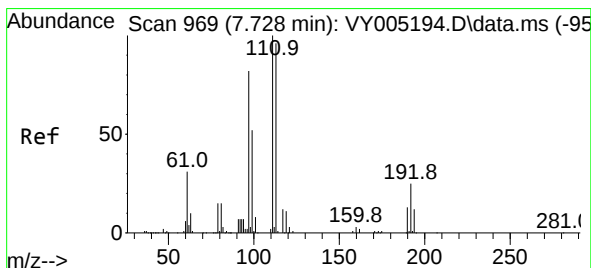
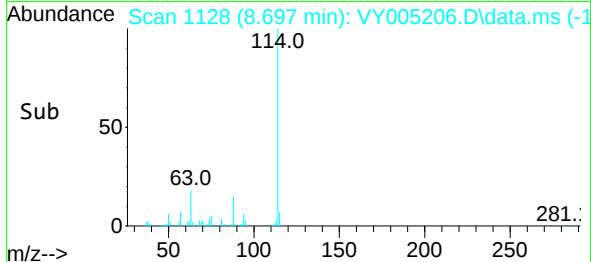
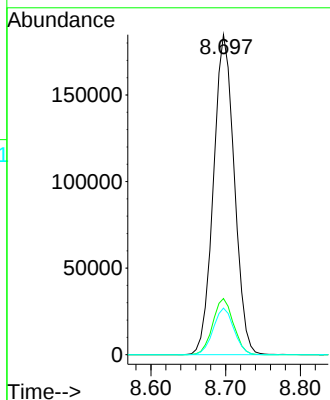
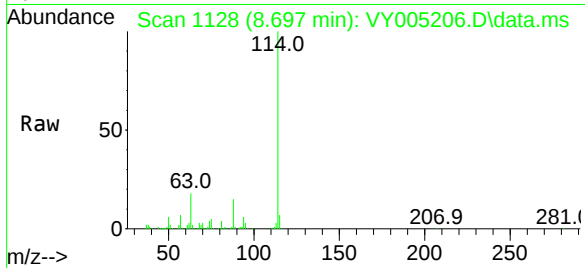




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

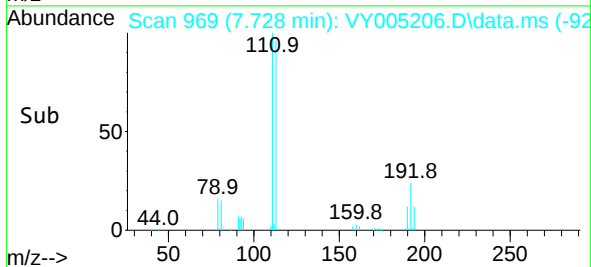
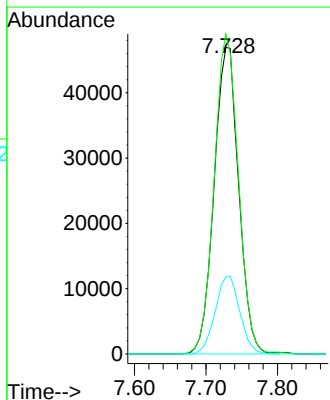
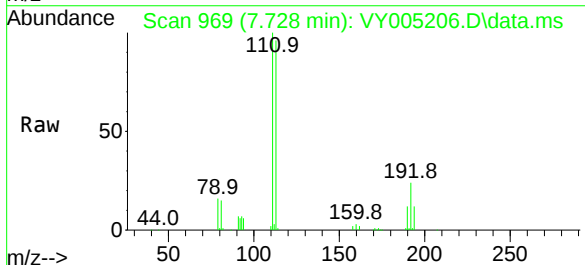
Instrument :
MSVOA_Y
ClientSampled :

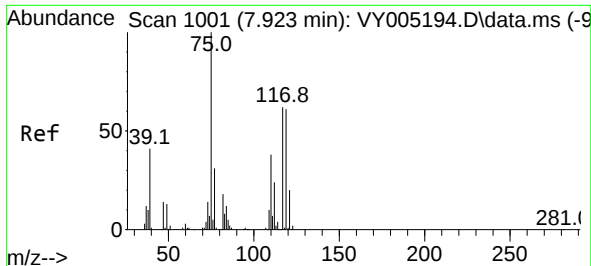
Tgt Ion:114 Resp: 358025
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.052 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion:113 Resp: 112018
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 25.4 20.2 30.2

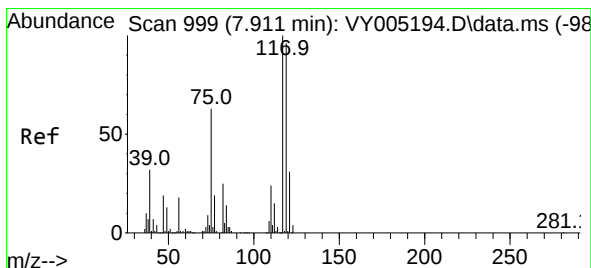
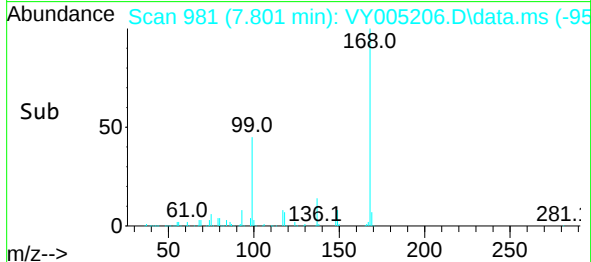
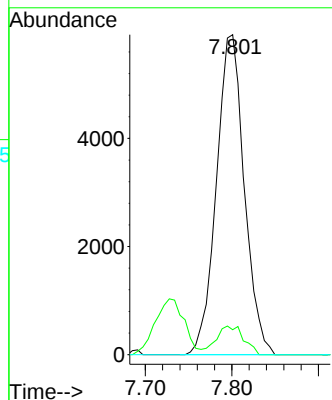
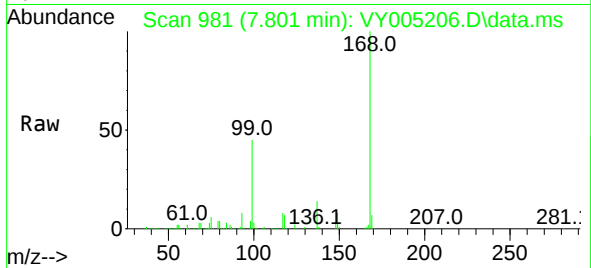




#36
1,1-Dichloropropene
Concen: 4.201 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

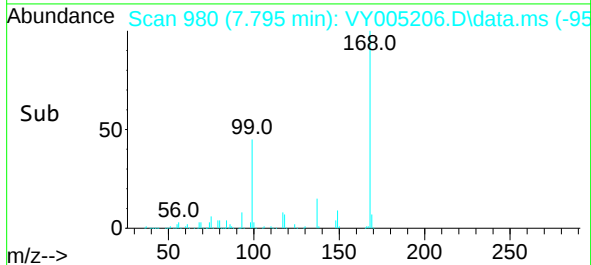
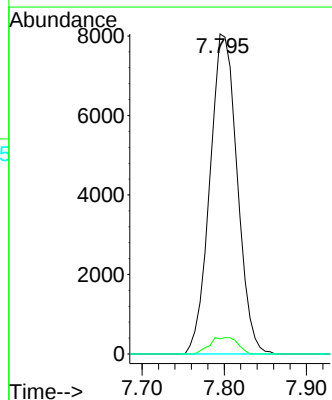
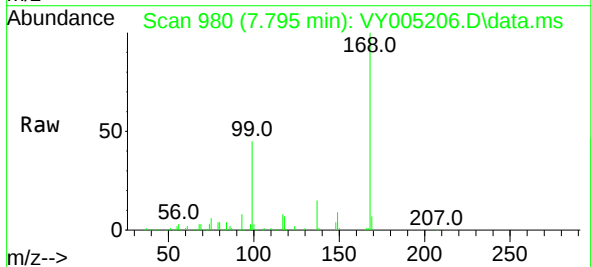
Instrument :
MSVOA_Y
ClientSampled :

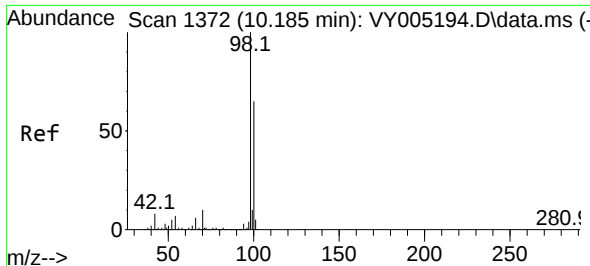
Tgt Ion: 75 Resp: 13243
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion: 117 Resp: 18622
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.4#
121 0.0 24.7 37.1#

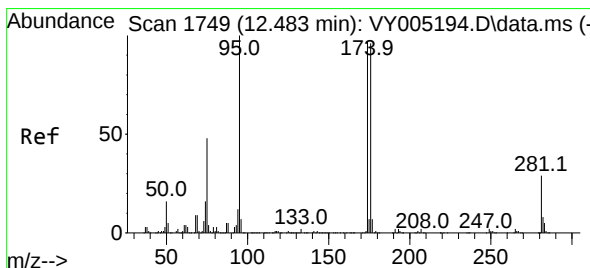
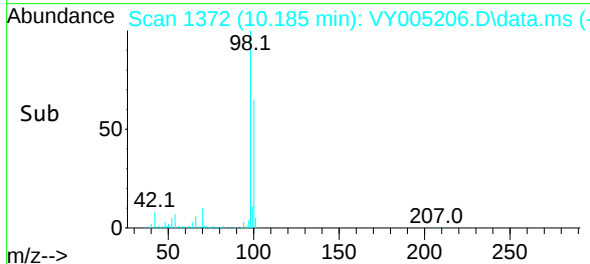
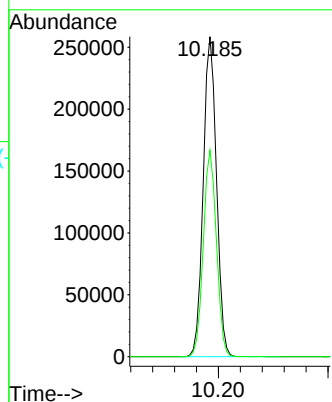
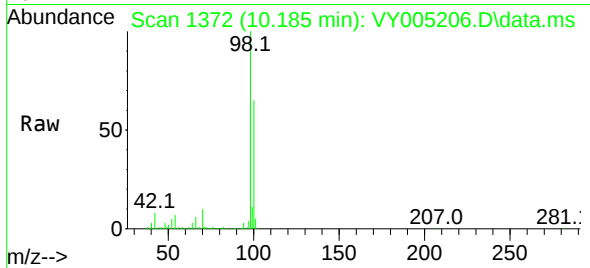




#50
Toluene-d8
Concen: 51.358 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

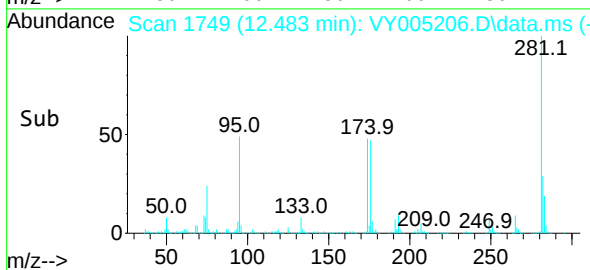
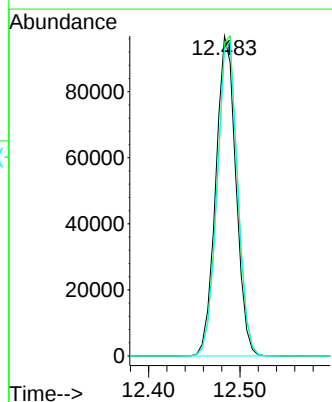
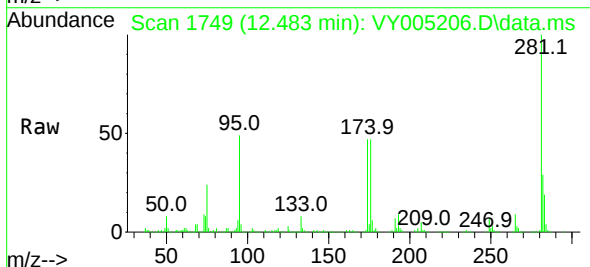
Instrument :
MSVOA_Y
ClientSampled :

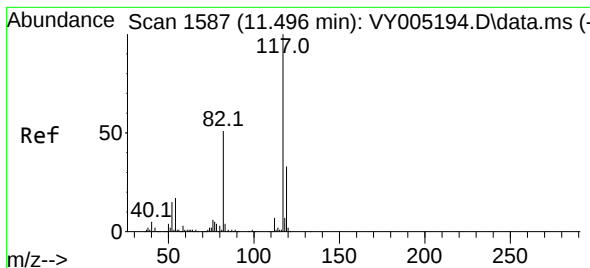
Tgt Ion: 98 Resp: 433668
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.576 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion: 95 Resp: 147936
Ion Ratio Lower Upper
95 100
174 101.2 0.0 201.6
176 100.1 0.0 197.4

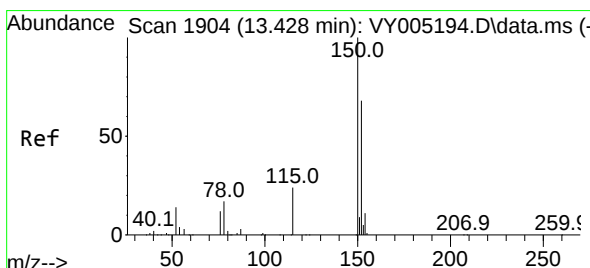
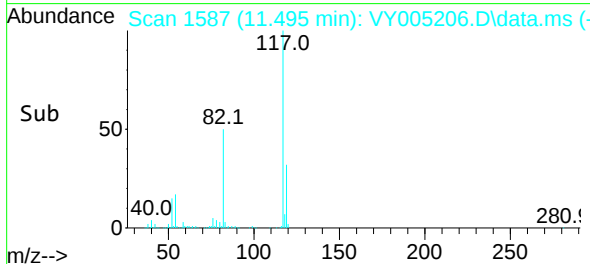
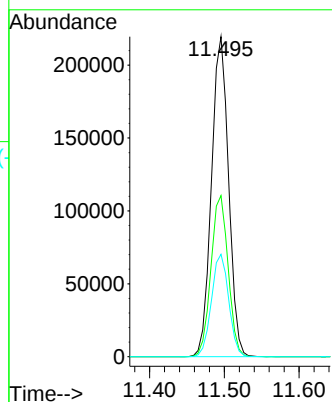
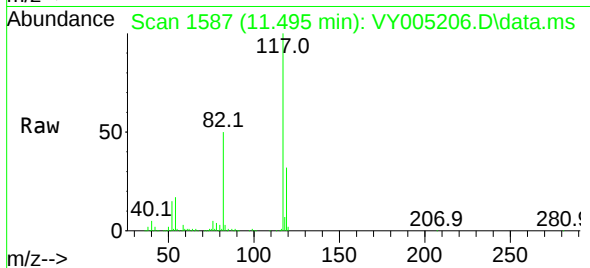




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

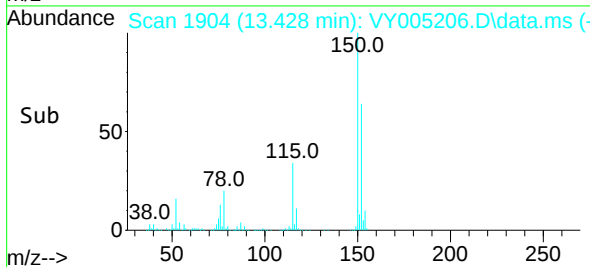
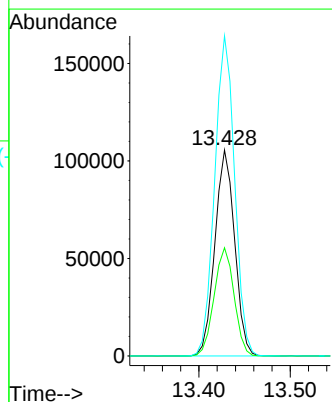
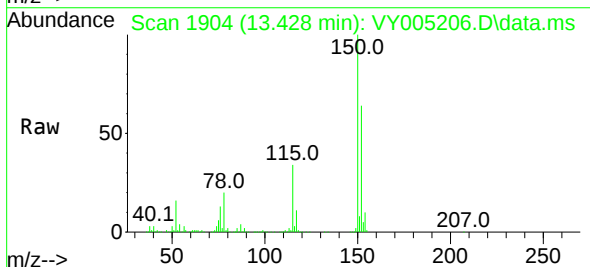
Instrument :
MSVOA_Y
ClientSampleId :

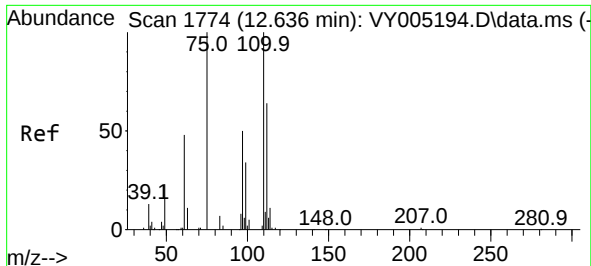
Tgt Ion:117 Resp: 348584
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion:152 Resp: 159083
Ion Ratio Lower Upper
152 100
115 53.1 26.3 78.8
150 156.9 0.0 344.2

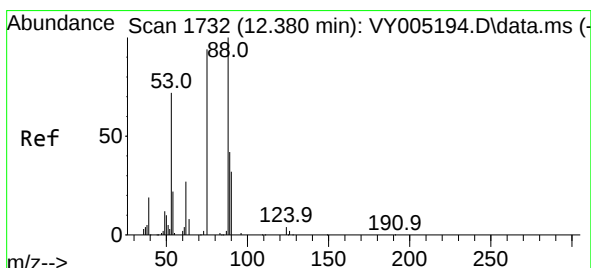
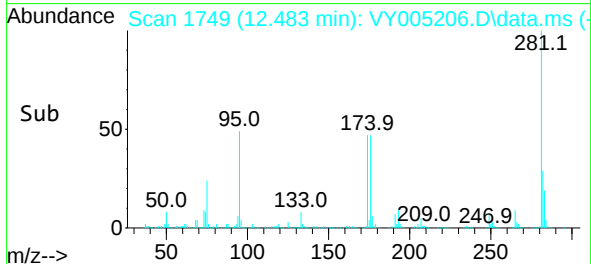
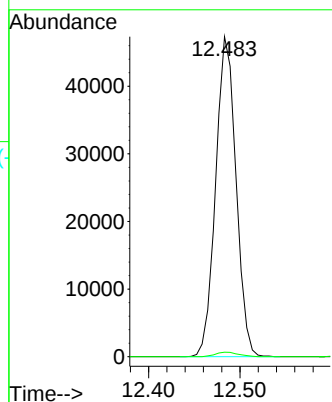
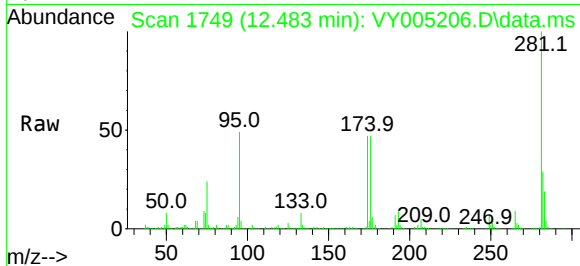




#76
1,2,3-Trichloropropane
Concen: 51.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 73255
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005206.D
Acq: 24 Jun 2021 13:19

Tgt Ion: 75 Resp: 73255
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 2.6 38.0 57.0#

