

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005617.D
 Acq On : 12 Aug 2021 13:10
 Operator : SY/MD
 Sample : M3368-02
 Misc : 8.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 04:21:28 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)

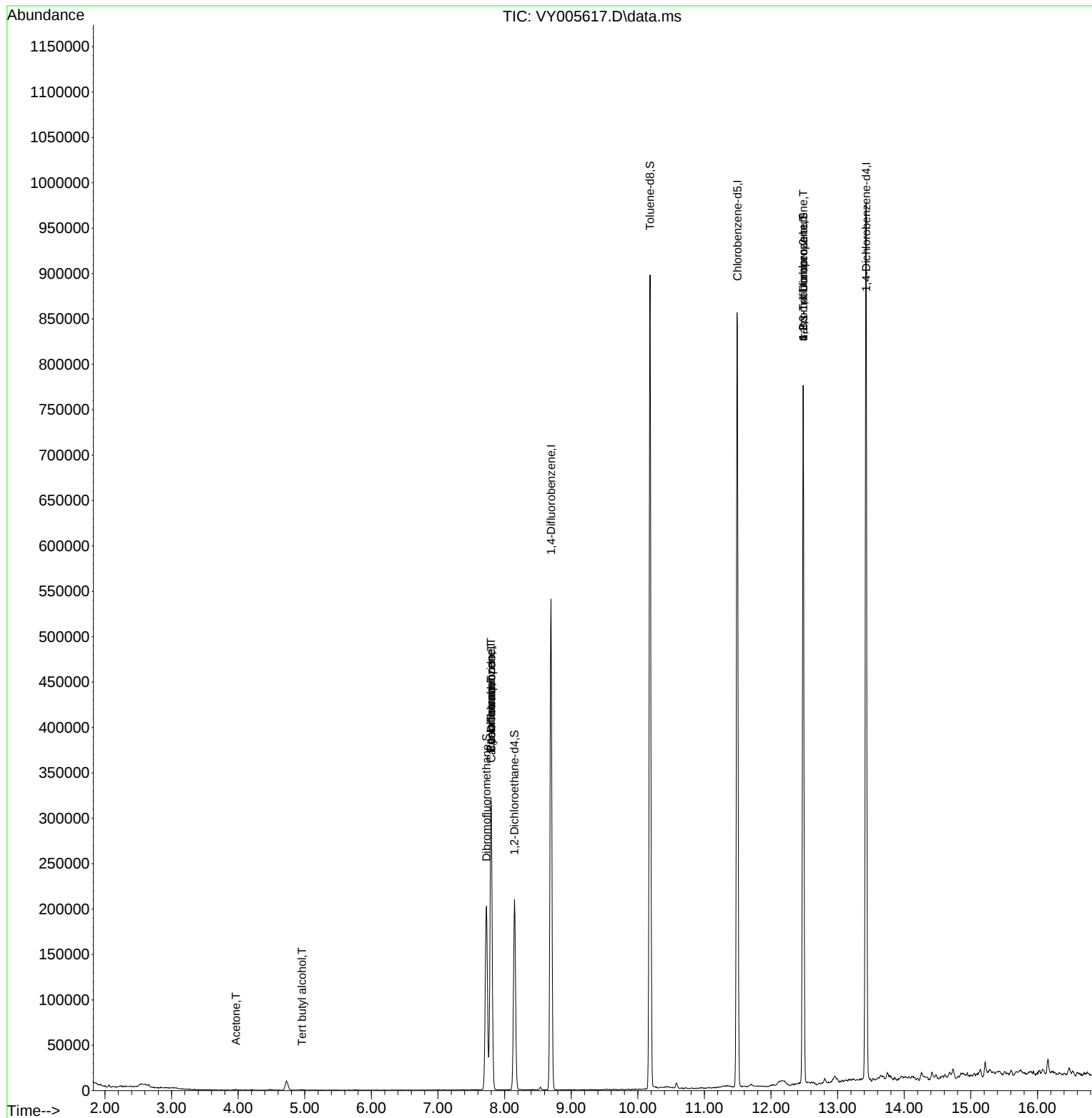
Internal Standards						
1) Pentafluorobenzene	7.795	168	264800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	449893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	466048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	250678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	165956	61.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.820%	
35) Dibromofluoromethane	7.728	113	138753	55.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.180%	
50) Toluene-d8	10.185	98	575052	54.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.483	95	221061	63.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	838	3.163	ug/l #	73
16) Acetone	3.966	43	1269	1.878	ug/l #	89
20) Methylene Chloride	4.722	84	7159	Below Cal		92
31) Cyclohexane	7.795	56	5018	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18509	4.386	ug/l #	49
38) Carbon Tetrachloride	7.801	117	23660	5.159	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	118161	45.486	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	118161	91.694	ug/l #	11

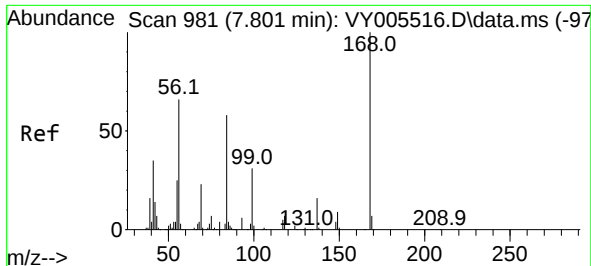
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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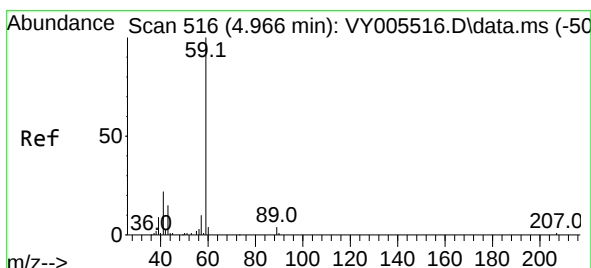
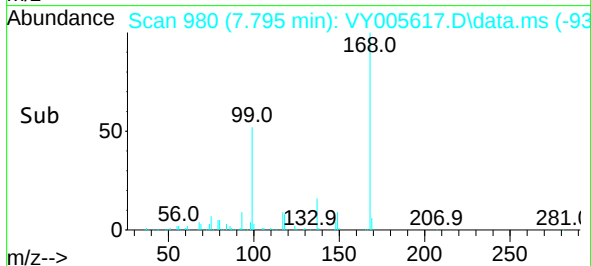
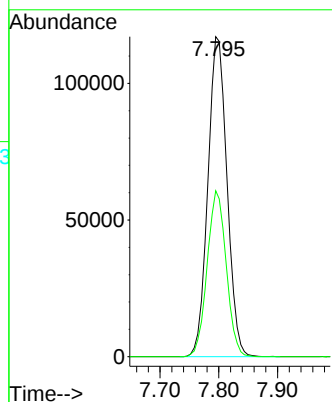
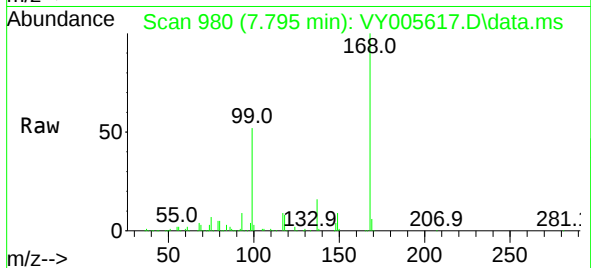




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

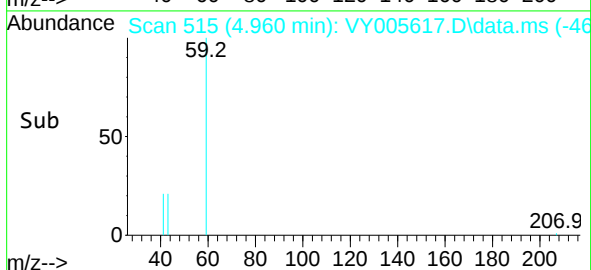
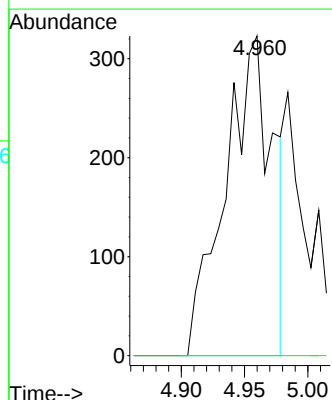
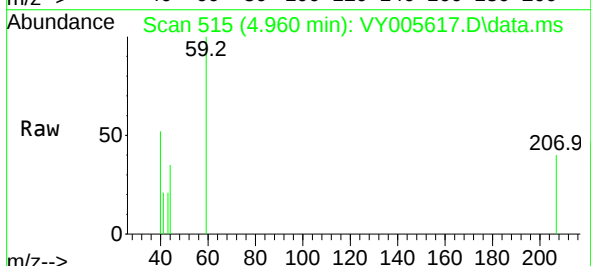
Instrument :
MSVOA_Y
ClientSampled :

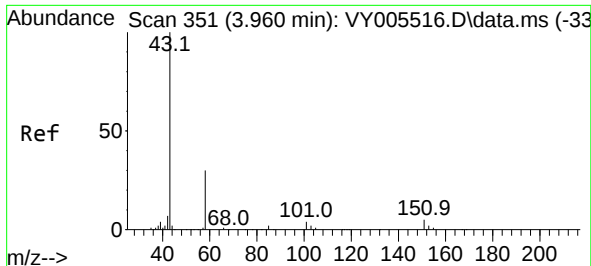
Tgt Ion:168 Resp: 264800
Ion Ratio Lower Upper
168 100
99 51.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.163 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion: 59 Resp: 838
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

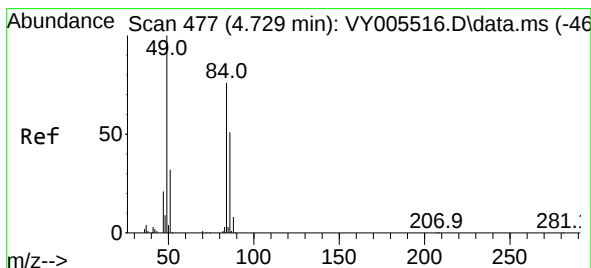
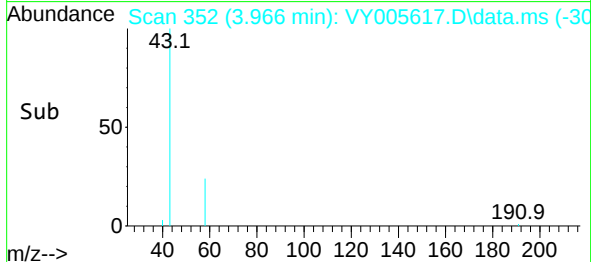
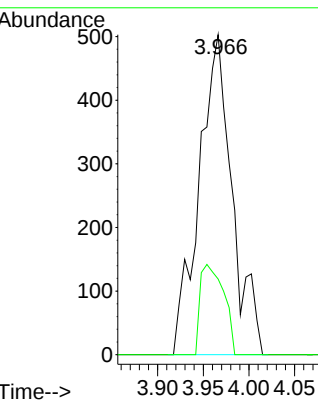
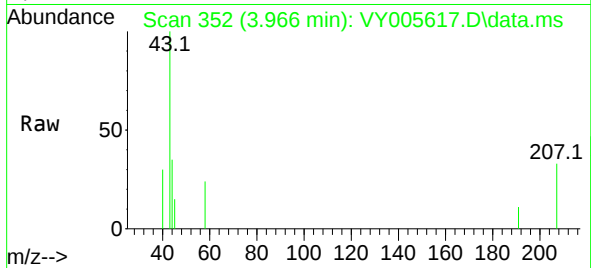




#16
Acetone
Concen: 1.878 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

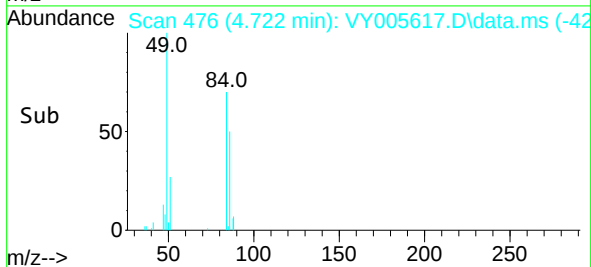
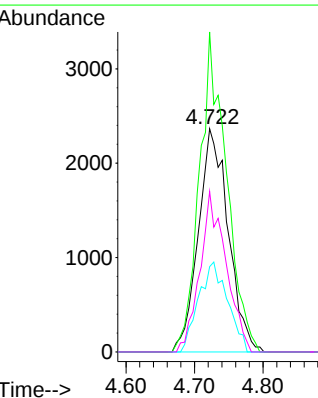
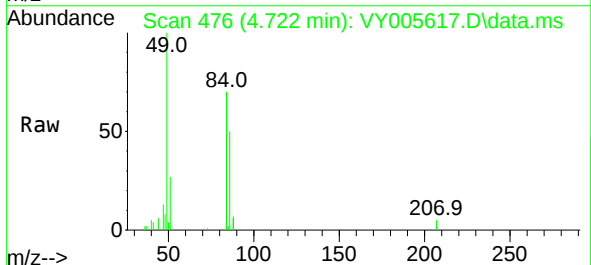
Instrument :
MSVOA_Y
ClientSampled :

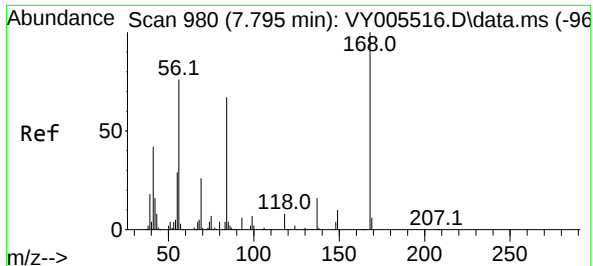
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 23.7 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion: 84 Resp: 7159
Ion Ratio Lower Upper
84 100
49 143.4 105.8 158.6
51 38.2 33.4 50.2
86 71.9 54.2 81.4

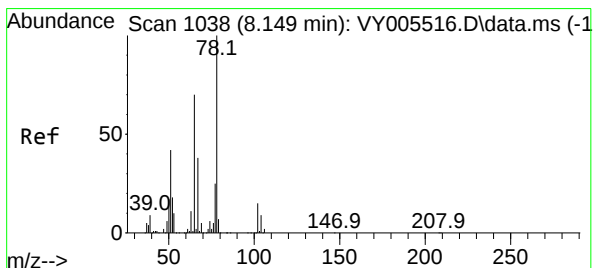
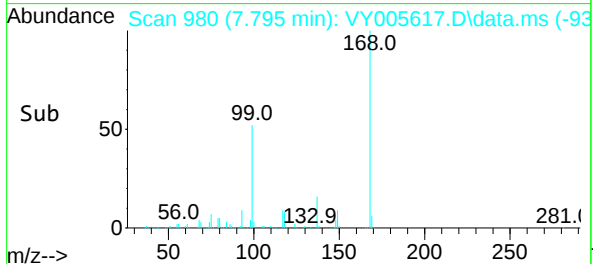
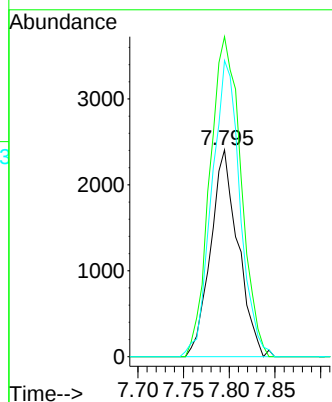
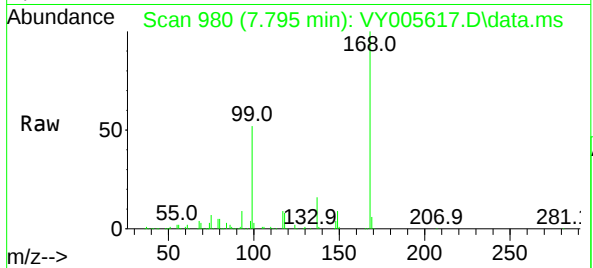




#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

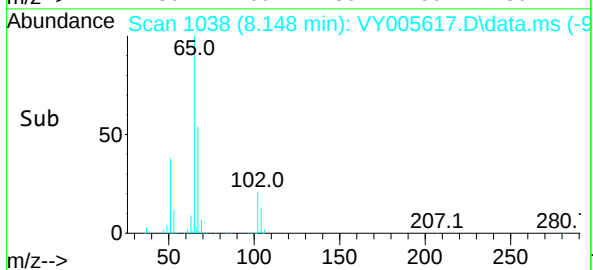
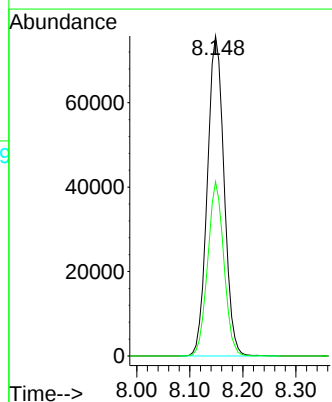
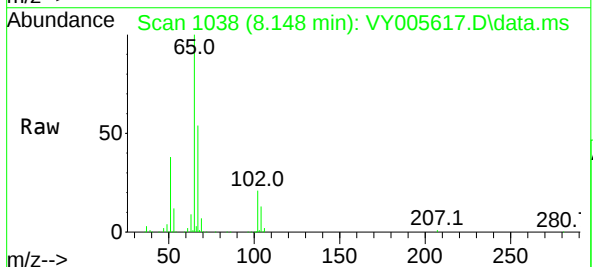
Instrument :
MSVOA_Y
ClientSampleId :

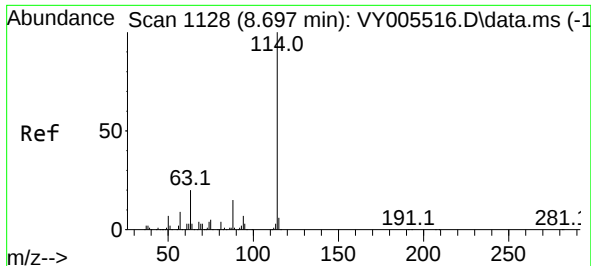
Tgt Ion: 56 Resp: 5018
Ion Ratio Lower Upper
56 100
69 154.8 27.7 41.5#
84 143.2 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.914 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion: 65 Resp: 165956
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

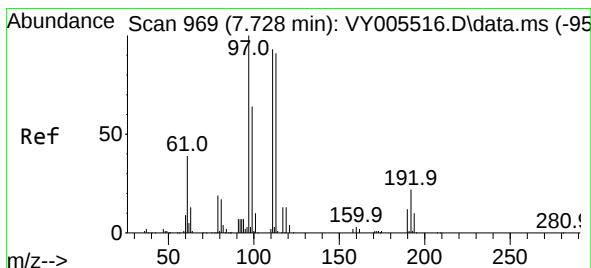
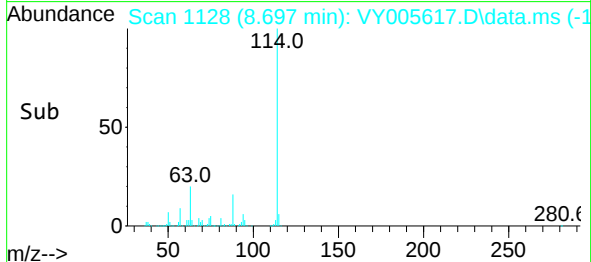
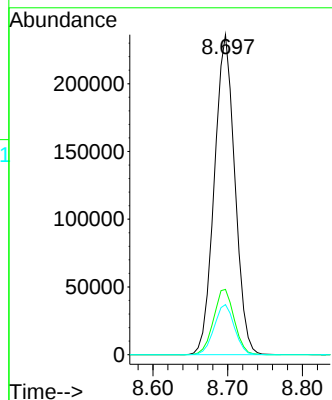
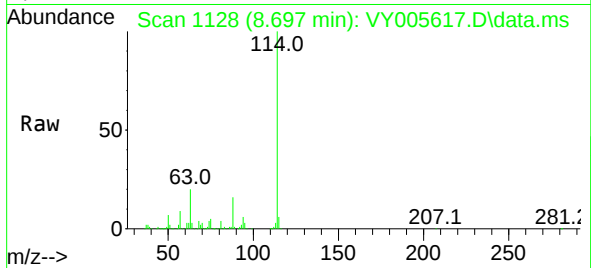




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

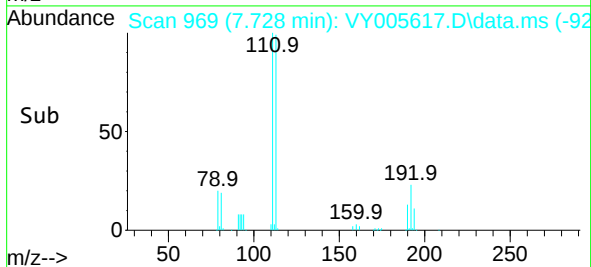
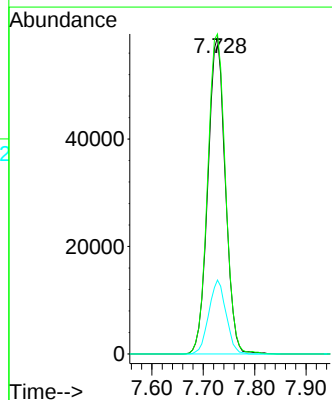
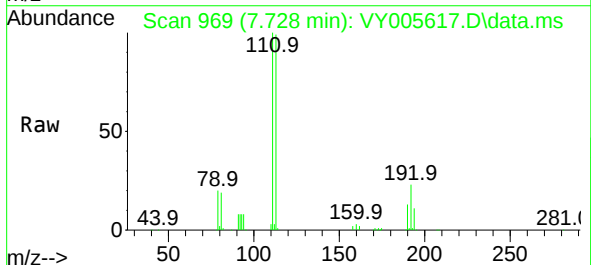
Instrument :
MSVOA_Y
ClientSampled :

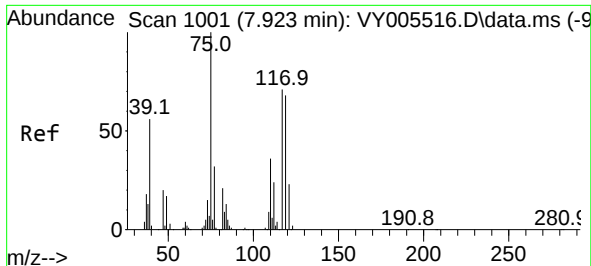
Tgt Ion:114 Resp: 449893
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.086 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion:113 Resp: 138753
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 23.0 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.795 min Scan# 980

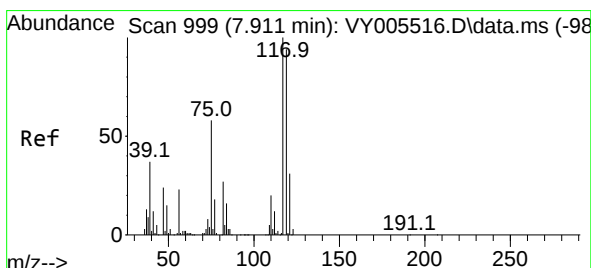
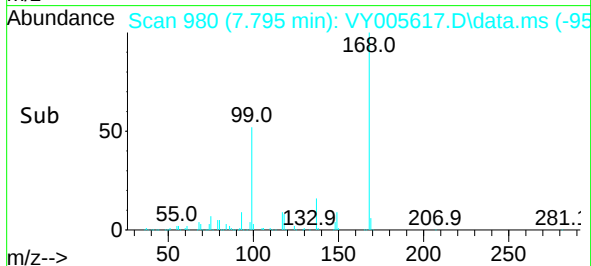
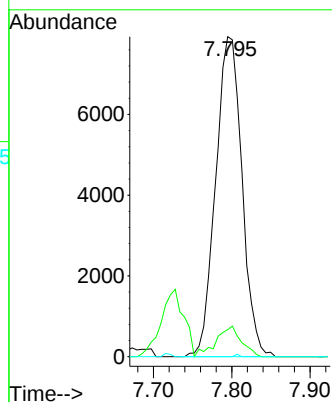
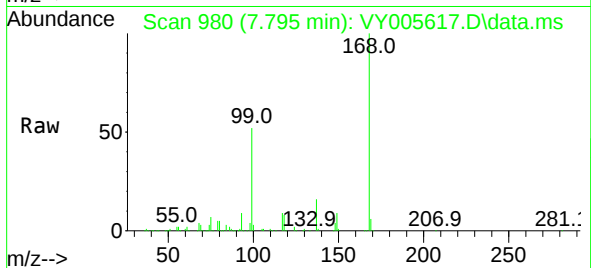
Delta R.T. -0.128 min

Lab File: VY005617.D

Acq: 12 Aug 2021 13:10

Tgt Ion:	75	Resp:	18509
Ion Ratio	Lower	Upper	
75	100		
110	8.5	18.1	54.1#
77	0.1	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.159 ug/l

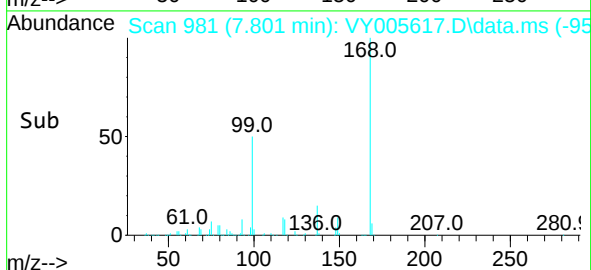
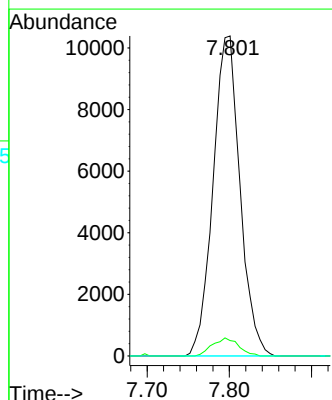
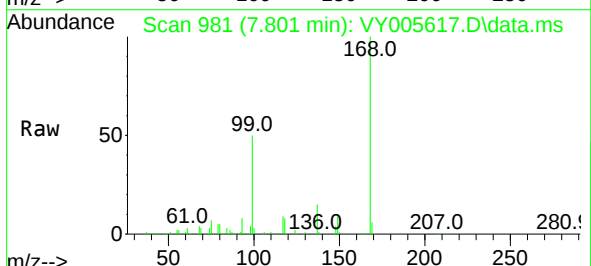
RT: 7.801 min Scan# 981

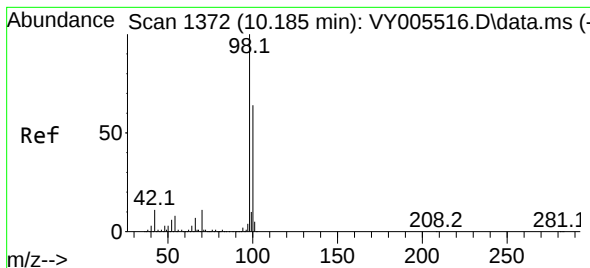
Delta R.T. -0.110 min

Lab File: VY005617.D

Acq: 12 Aug 2021 13:10

Tgt Ion:	117	Resp:	23660
Ion Ratio	Lower	Upper	
117	100		
119	4.8	75.4	113.0#
121	0.0	25.1	37.7#

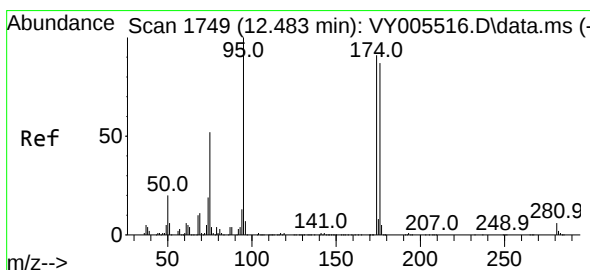
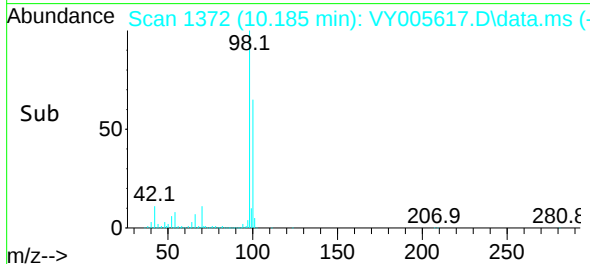
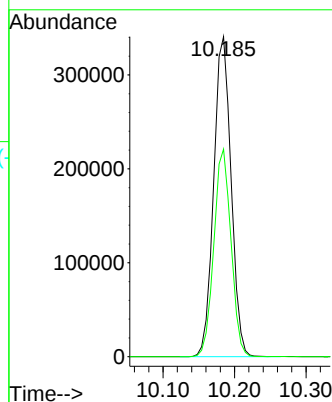
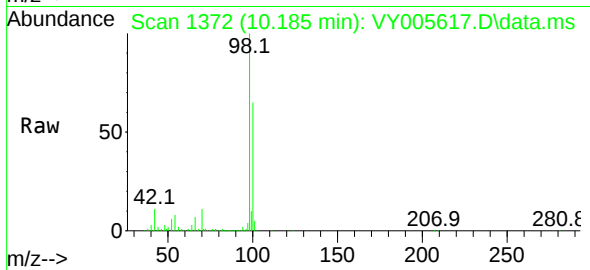




#50
Toluene-d8
Concen: 54.436 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

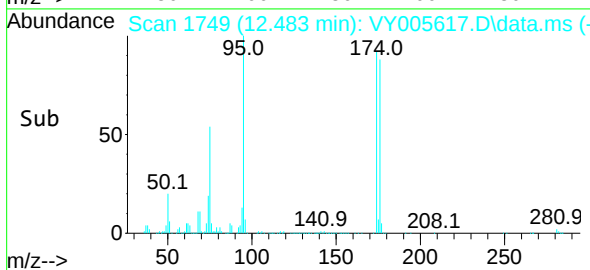
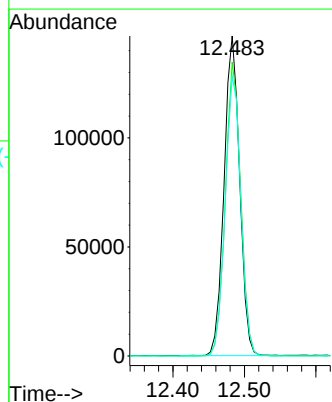
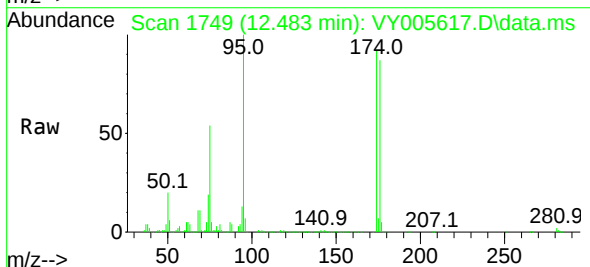
Instrument :
MSVOA_Y
ClientSampled :

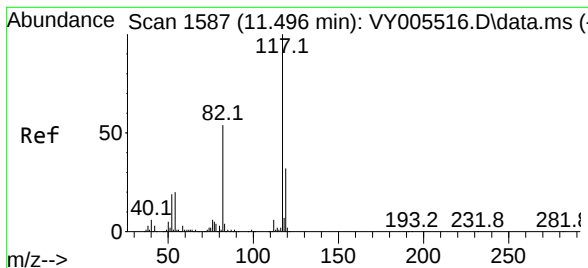
Tgt Ion: 98 Resp: 575052
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 63.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion: 95 Resp: 221061
Ion Ratio Lower Upper
95 100
174 91.5 0.0 191.4
176 88.3 0.0 183.6

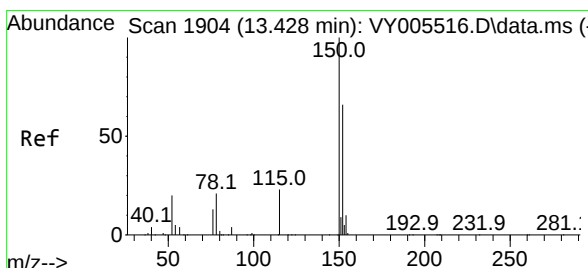
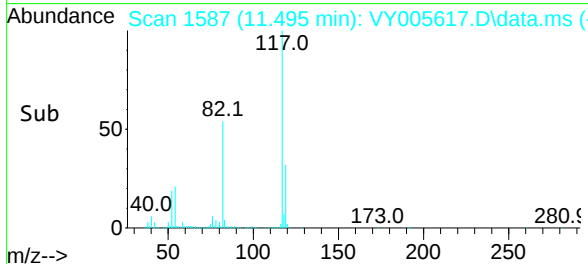
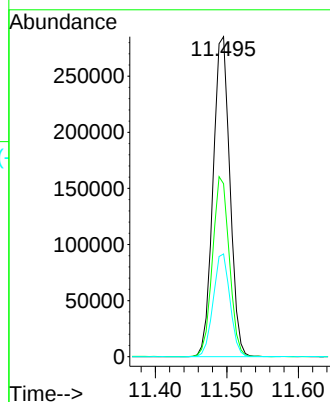
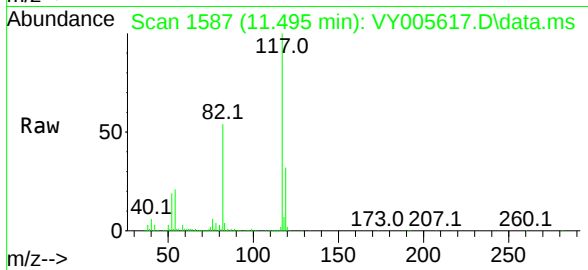




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

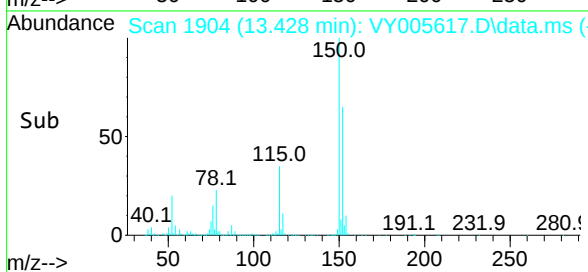
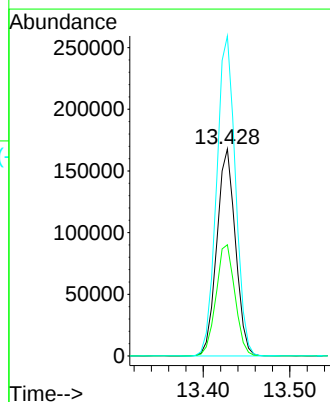
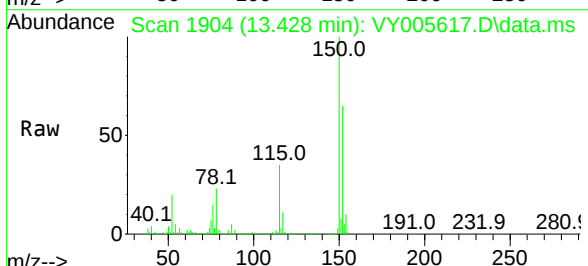
Instrument :
MSVOA_Y
ClientSampleId :

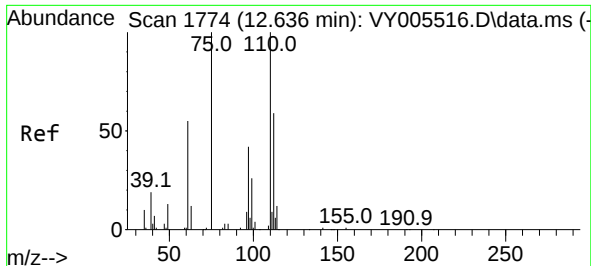
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.5	65.3
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	156.3	0.0	350.2

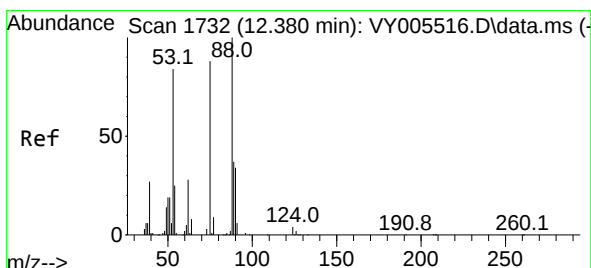
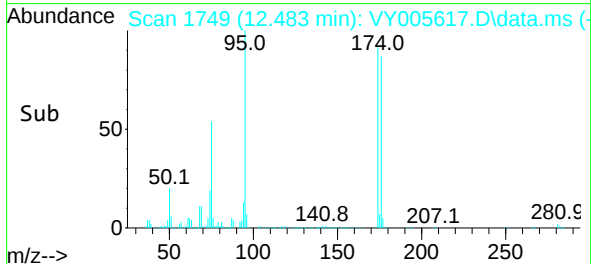
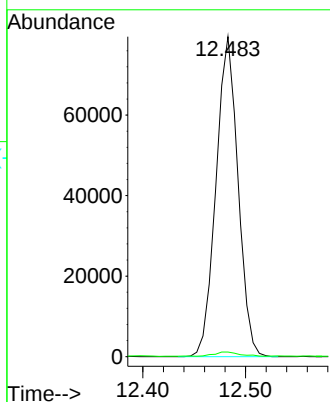
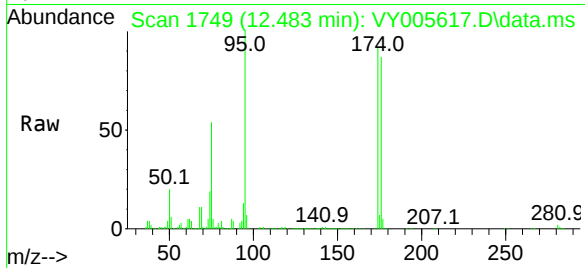




#76
1,2,3-Trichloropropane
Concen: 45.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 118161
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005617.D
Acq: 12 Aug 2021 13:10

Tgt Ion: 75 Resp: 118161
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

