

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005536.D
 Acq On : 04 Aug 2021 14:38
 Operator : SY/MD
 Sample : M3271-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:39:42 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)

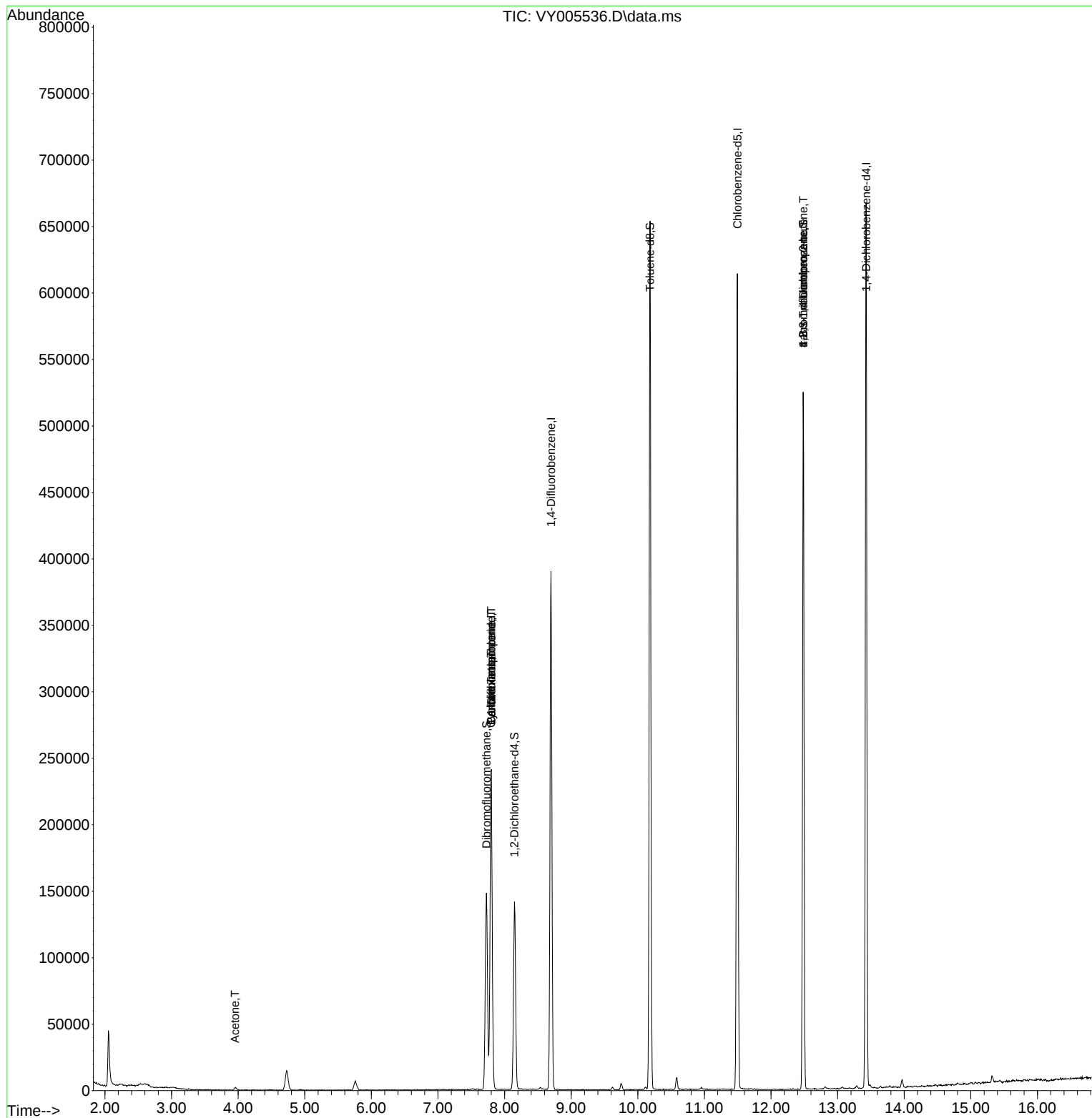
Internal Standards						
1) Pentafluorobenzene	7.801	168	196196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	333597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114497	57.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.300%	
35) Dibromofluoromethane	7.728	113	97917	53.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.560%	
50) Toluene-d8	10.185	98	419129	54.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	145299	56.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3391	6.772	ug/l	93
20) Methylene Chloride	4.722	84	10877	Below Cal	#	88
31) Cyclohexane	7.795	56	3887	1.141	ug/l #	34
36) 1,1-Dichloropropene	7.801	75	13244	4.302	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18175	5.431	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80128	44.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80128	90.595	ug/l #	11

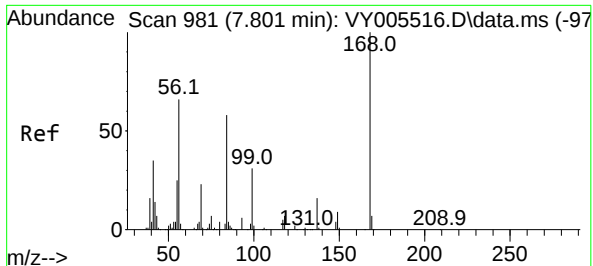
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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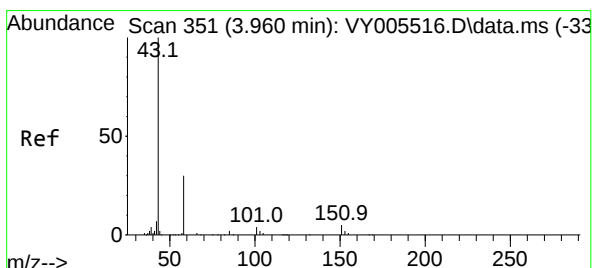
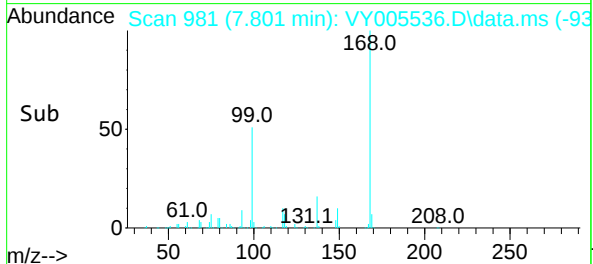
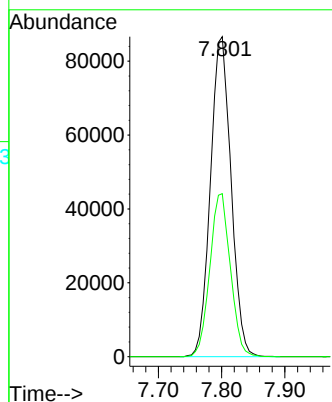
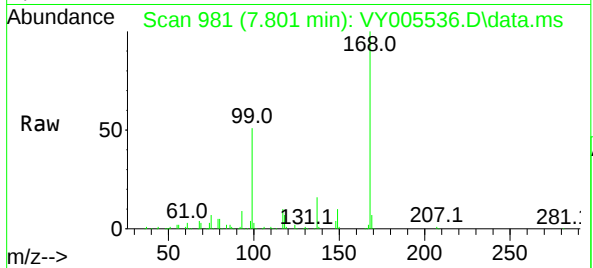




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

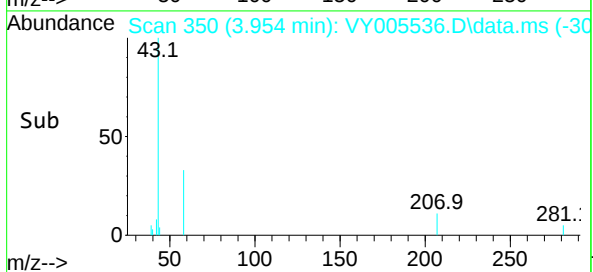
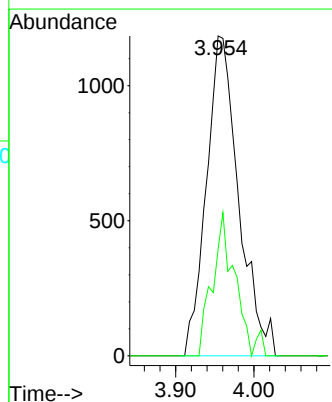
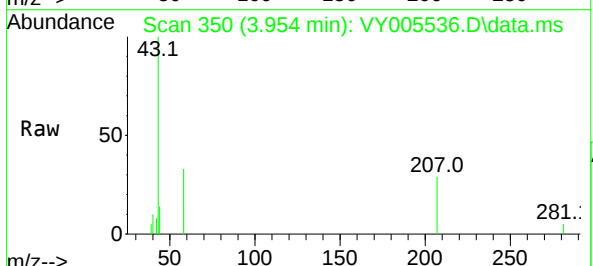
Instrument :
MSVOA_Y
ClientSampled :

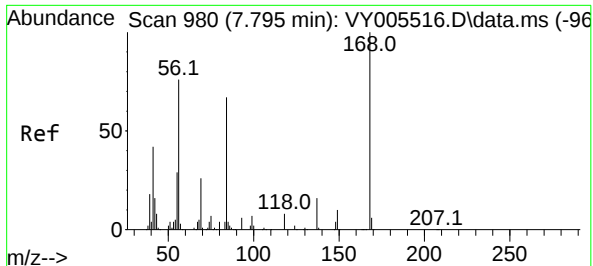
Tgt Ion:168 Resp: 196196
Ion Ratio Lower Upper
168 100
99 50.9 38.9 58.3



#16
Acetone
Concen: 6.772 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Tgt Ion: 43 Resp: 3391
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.6

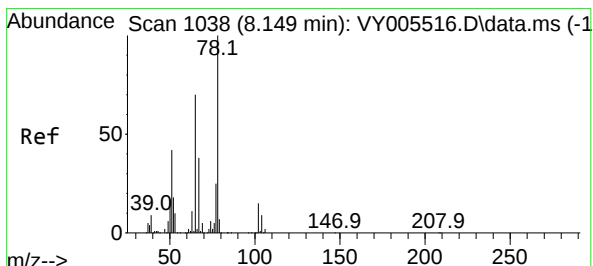
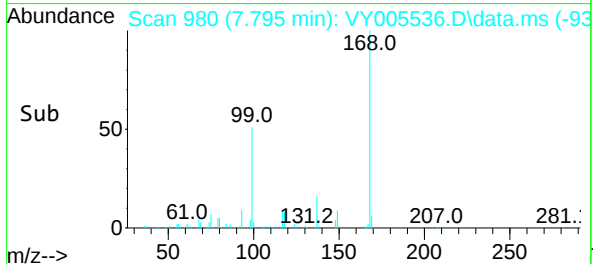
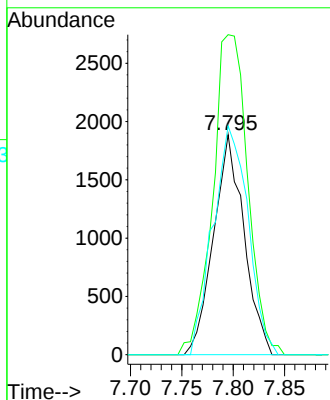
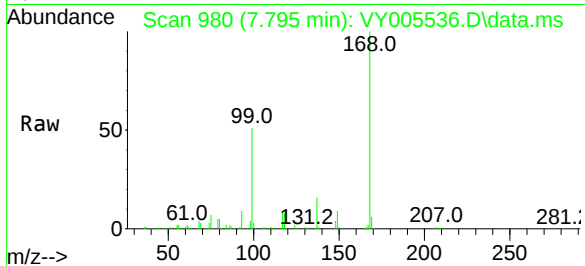




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

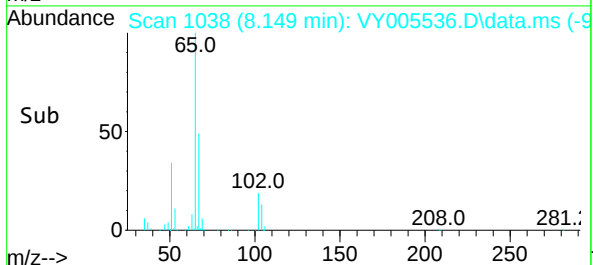
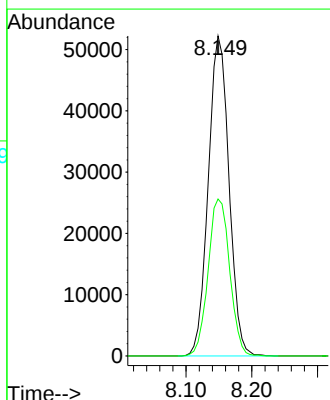
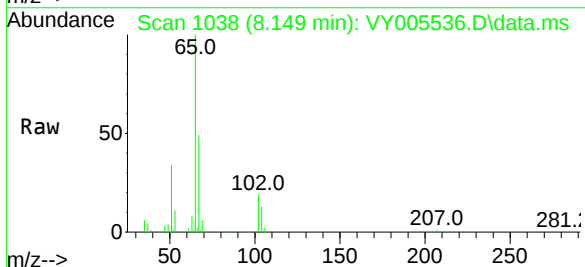
Instrument :
MSVOA_Y
ClientSampleId :

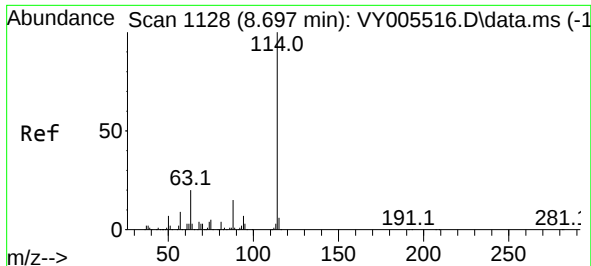
Tgt Ion: 56 Resp: 3887
Ion Ratio Lower Upper
56 100
69 145.4 27.7 41.5#
84 104.0 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 57.652 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Tgt Ion: 65 Resp: 114497
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

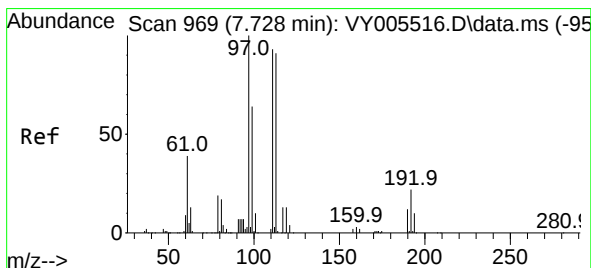
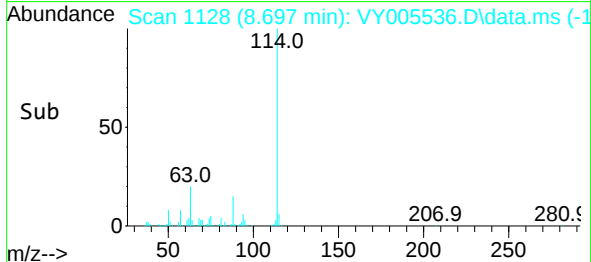
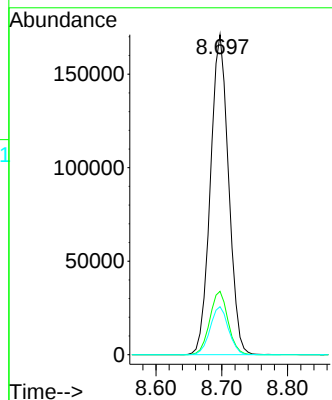
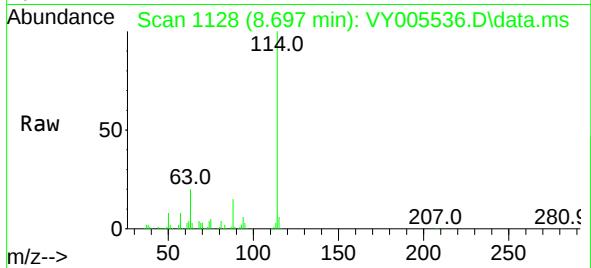




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

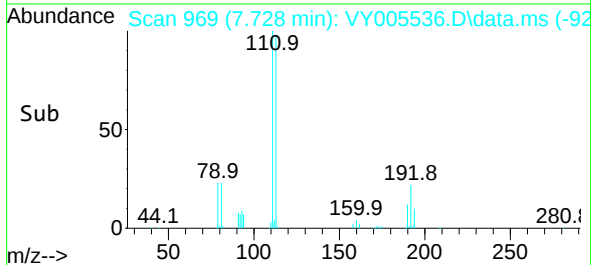
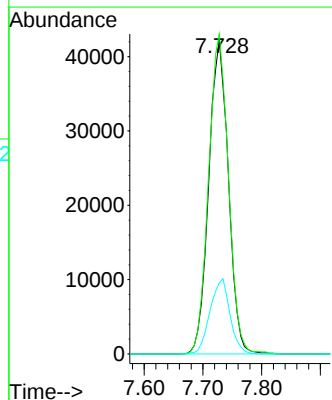
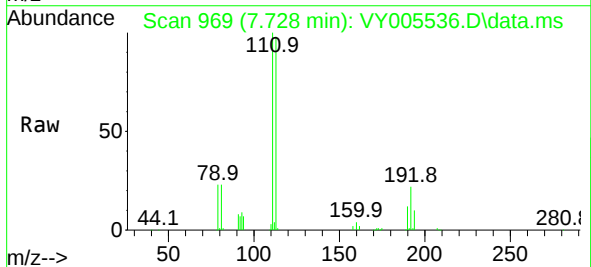
Instrument :
MSVOA_Y
ClientSampleId :

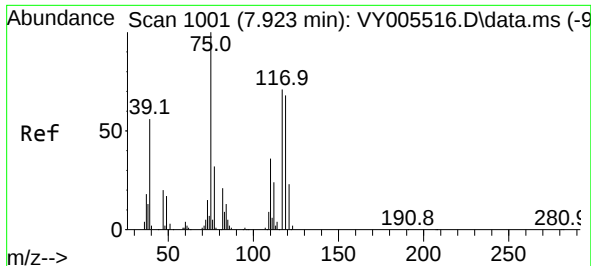
Tgt Ion:114 Resp: 328259
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.278 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Tgt Ion:113 Resp: 97917
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 24.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.302 ug/l

RT: 7.801 min Scan# 981

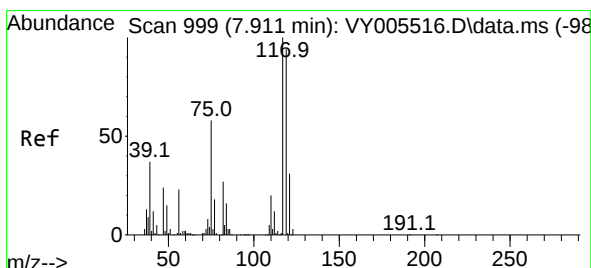
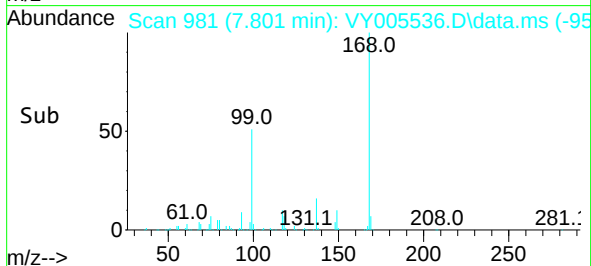
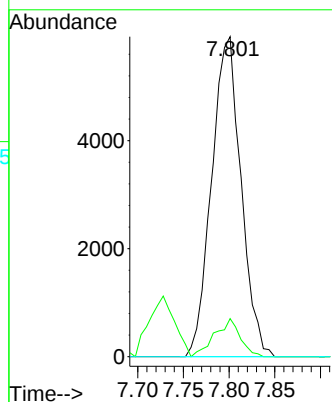
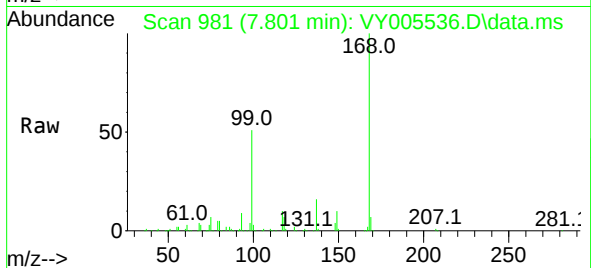
Delta R.T. -0.122 min

Lab File: VY005536.D

Acq: 04 Aug 2021 14:38

Tgt Ion:	75	Resp:	13244
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.431 ug/l

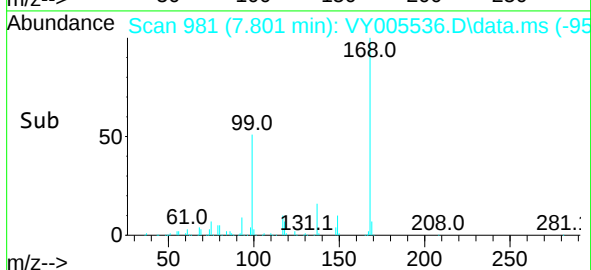
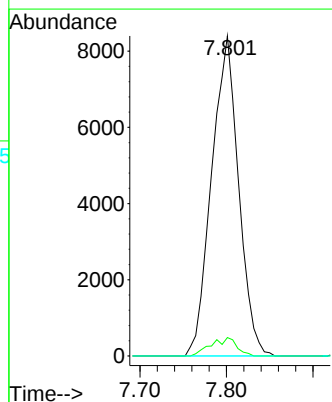
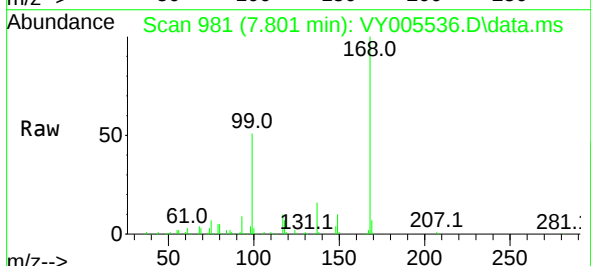
RT: 7.801 min Scan# 981

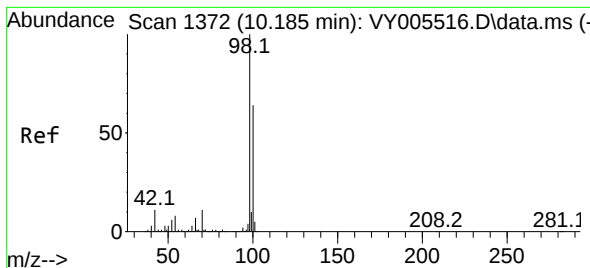
Delta R.T. -0.110 min

Lab File: VY005536.D

Acq: 04 Aug 2021 14:38

Tgt Ion:	117	Resp:	18175
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	25.1	37.7#

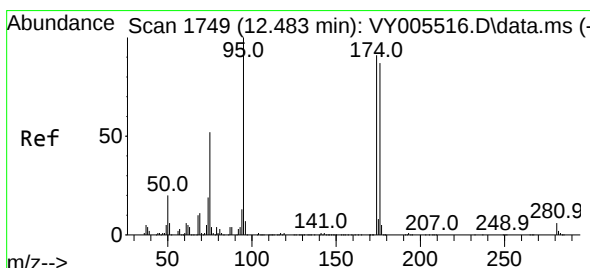
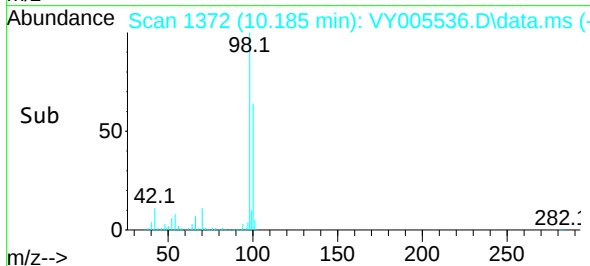
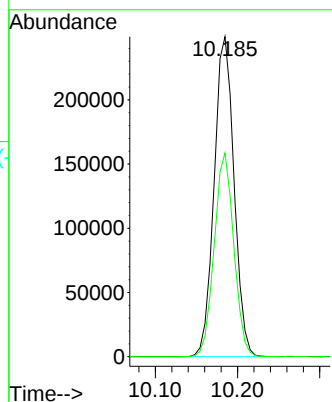
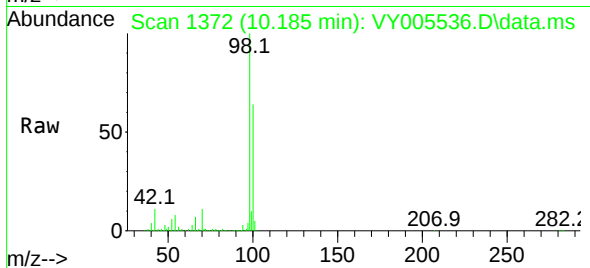




#50
Toluene-d8
Concen: 54.377 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

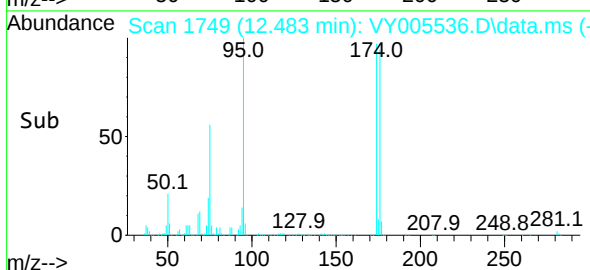
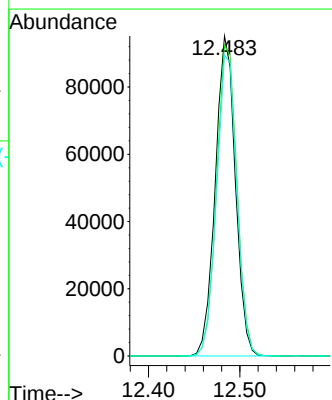
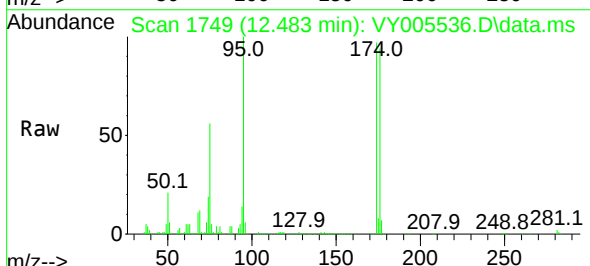
Instrument :
MSVOA_Y
ClientSampled :

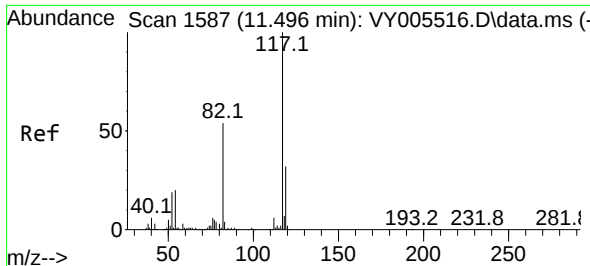
Tgt Ion: 98 Resp: 419129
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.926 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Tgt Ion: 95 Resp: 145299
Ion Ratio Lower Upper
95 100
174 98.9 0.0 191.4
176 95.3 0.0 183.6

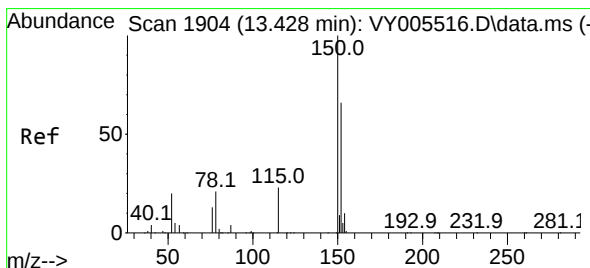
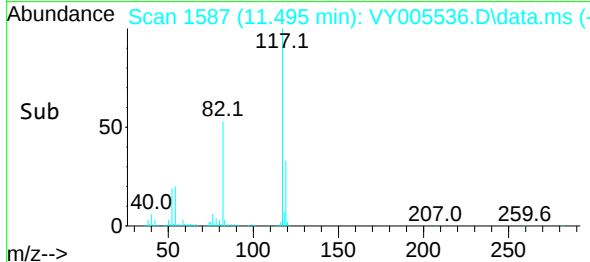
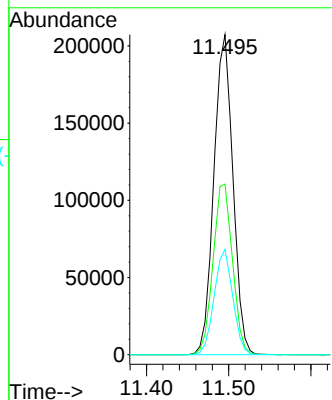
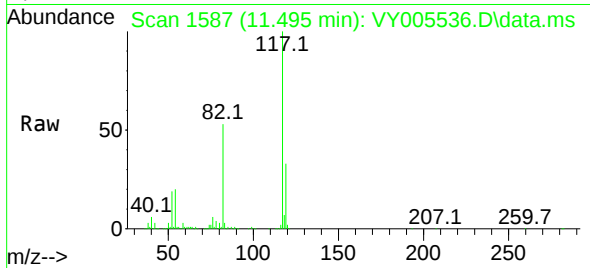




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

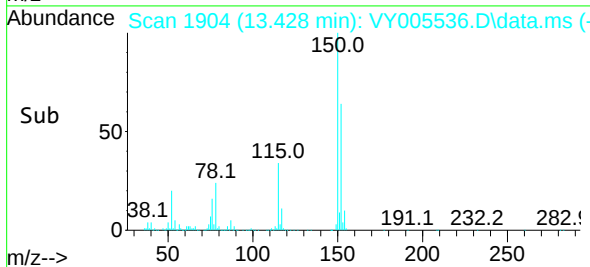
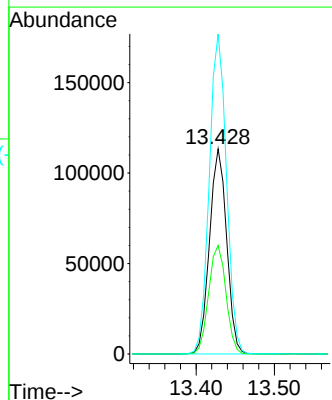
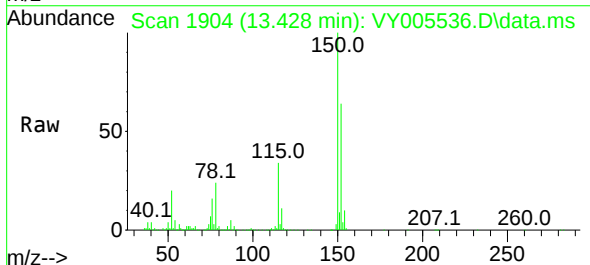
Instrument :
MSVOA_Y
ClientSampleId :

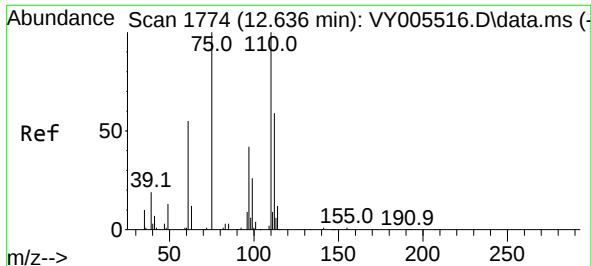
Tgt Ion:117 Resp: 333597
Ion Ratio Lower Upper
117 100
82 53.3 43.5 65.3
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Tgt Ion:152 Resp: 172052
Ion Ratio Lower Upper
152 100
115 53.5 27.3 81.9
150 156.3 0.0 350.2

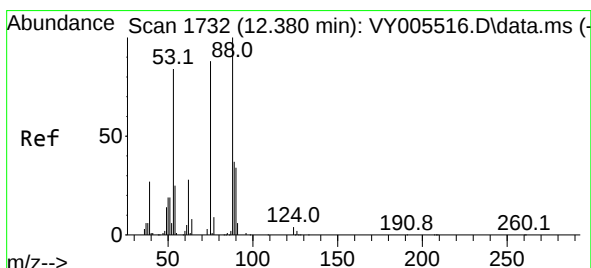
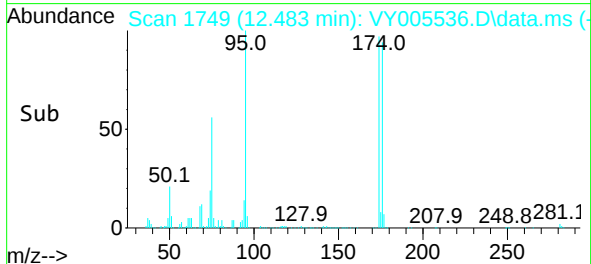
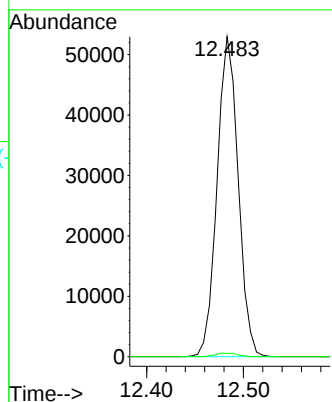
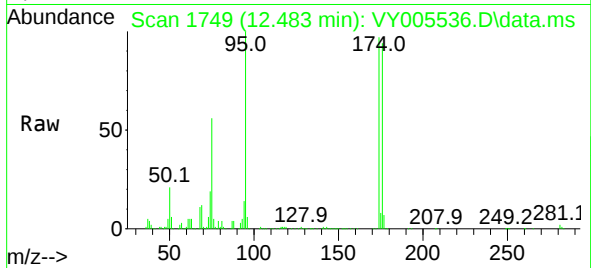




#76
1,2,3-Trichloropropane
Concen: 44.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80128
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.595 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005536.D
Acq: 04 Aug 2021 14:38

Tgt Ion: 75 Resp: 80128
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

