

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006137.D
 Acq On : 24 Sep 2021 14:46
 Operator : SY/MD
 Sample : M3917-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Sep 25 05:44:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

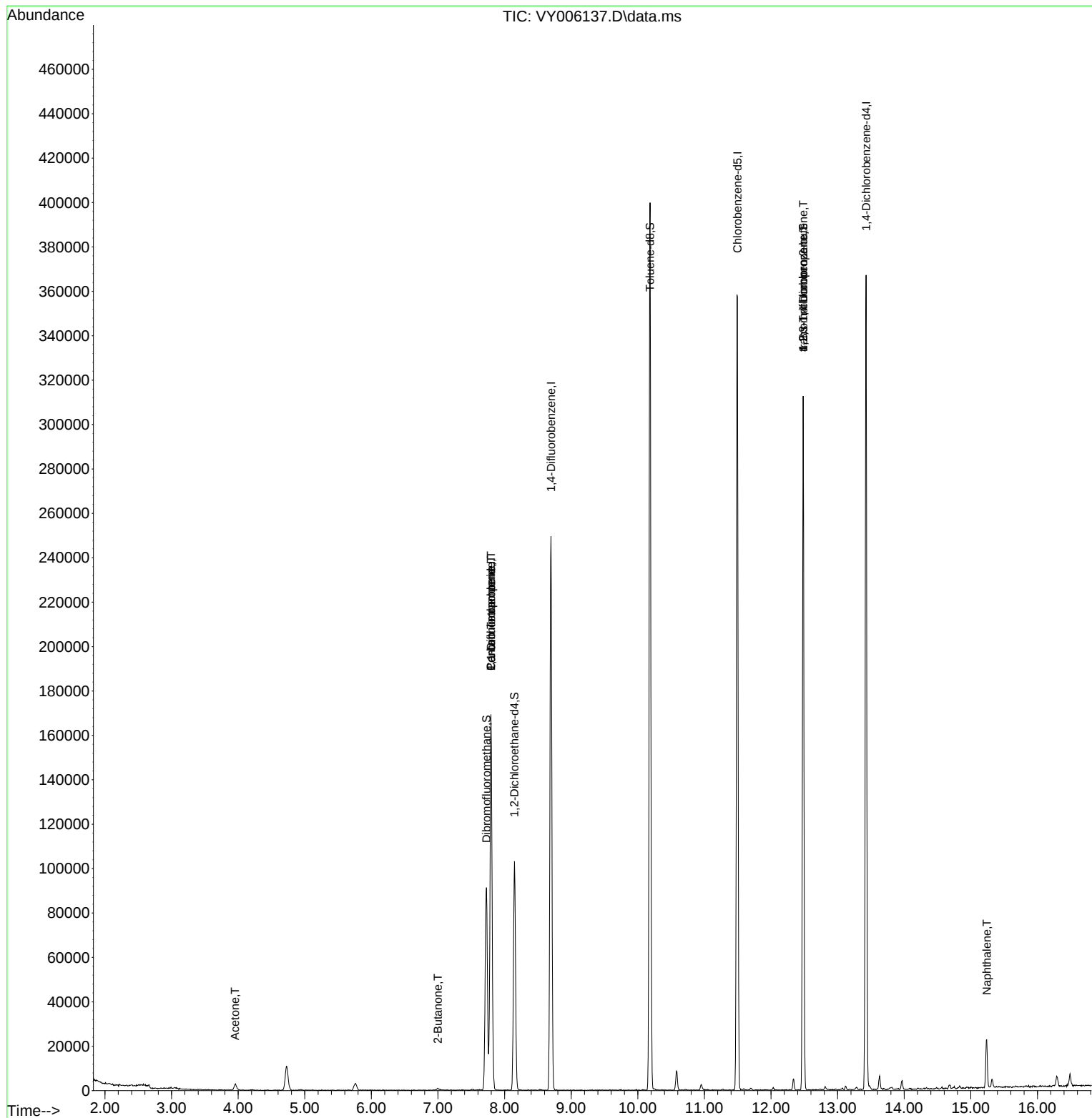
Internal Standards						
1) Pentafluorobenzene	7.795	168	127368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	194338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85595	48.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.728	113	61317	47.594	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.180%		
50) Toluene-d8	10.185	98	257478	46.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.780%		
62) 4-Bromofluorobenzene	12.483	95	82649	44.333	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	75	Below Cal	#	77
16) Acetone	3.954	43	4789	9.869	ug/l	97
25) 2-Butanone	6.996	43	833	1.245	ug/l #	88
36) 1,1-Dichloropropene	7.795	75	9472	4.231	ug/l #	52
38) Carbon Tetrachloride	7.795	117	12184	4.999	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46116	47.228	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46116	86.829	ug/l #	7
95) Naphthalene	15.239	128	18467	5.047	ug/l	99

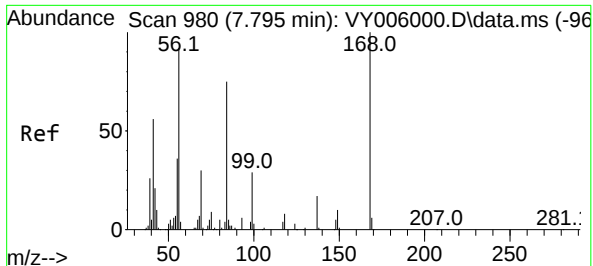
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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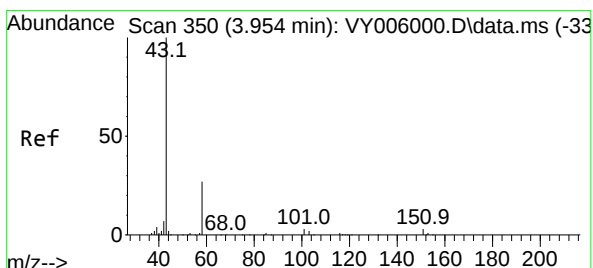
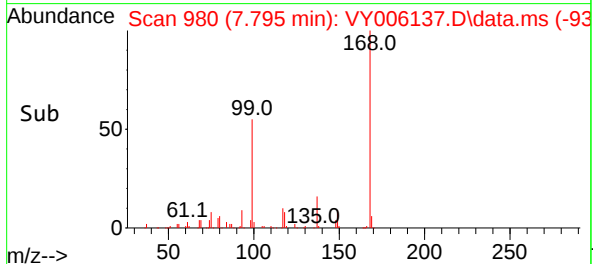
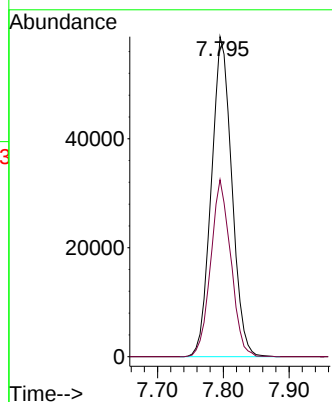
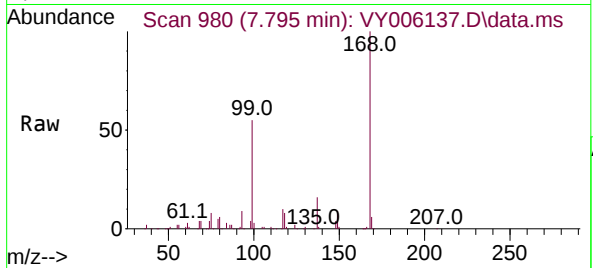




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

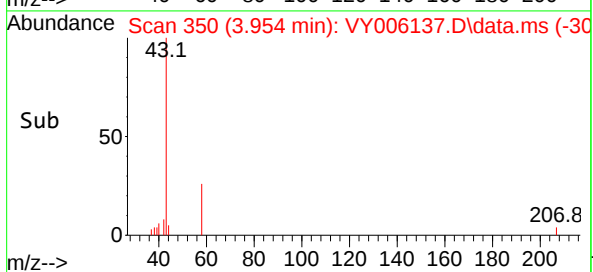
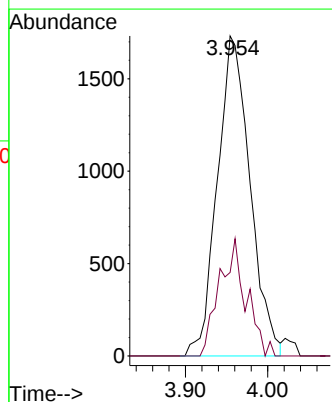
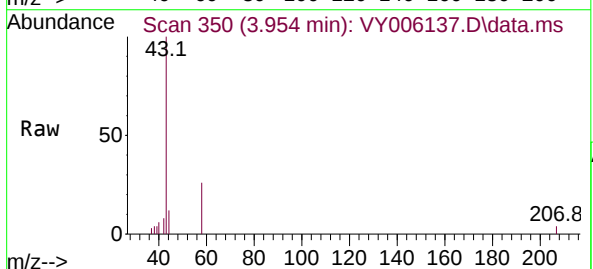
Instrument :
MSVOA_Y
ClientSampled :
TP-3

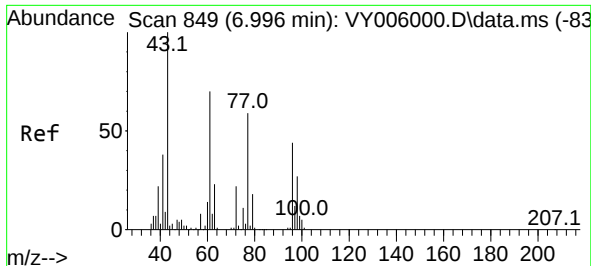
Tgt Ion:168 Resp: 127368
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#16
Acetone
Concen: 9.869 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Tgt Ion: 43 Resp: 4789
Ion Ratio Lower Upper
43 100
58 26.1 22.0 33.0

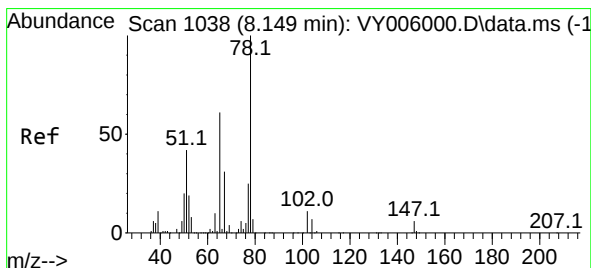
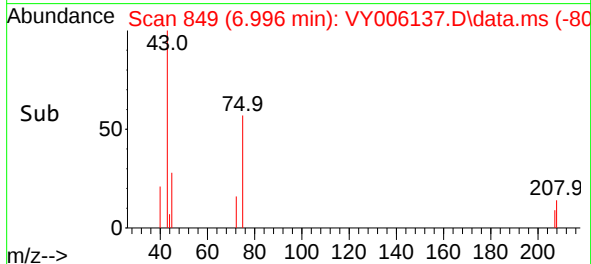
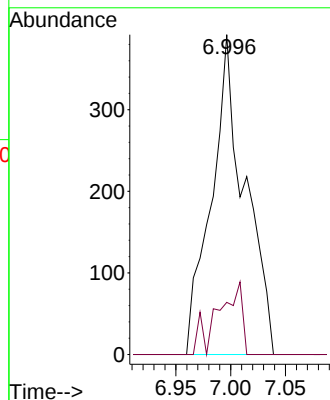
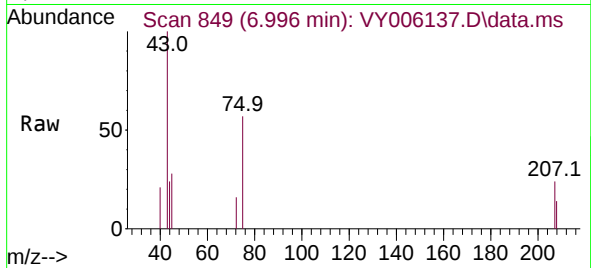




#25
2-Butanone
Concen: 1.245 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

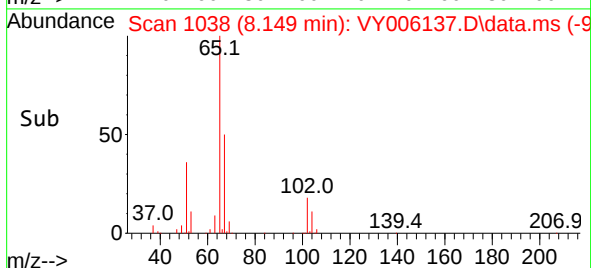
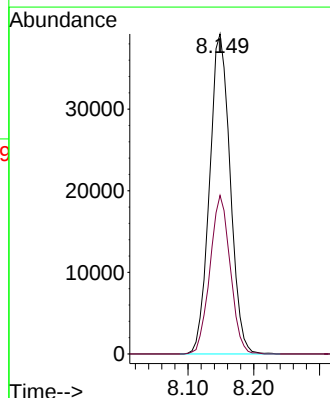
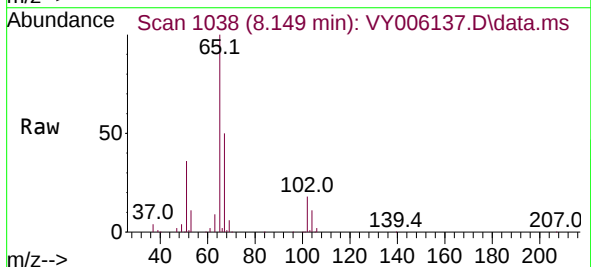
Instrument :
MSVOA_Y
ClientSampled :
TP-3

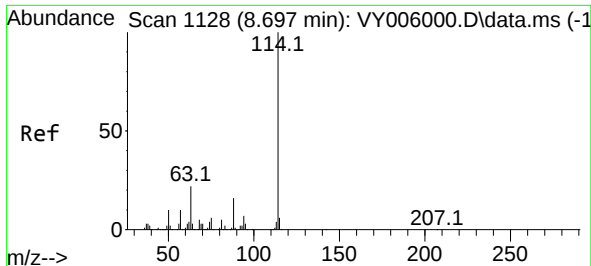
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
72 16.3 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 48.380 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Tgt Ion: 65 Resp: 85595
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4

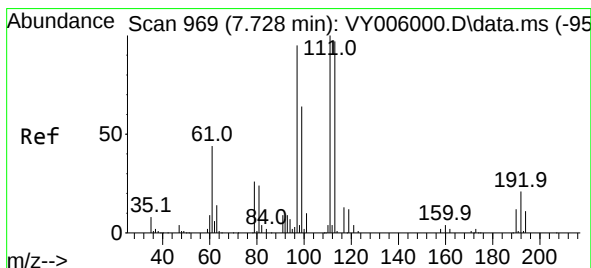
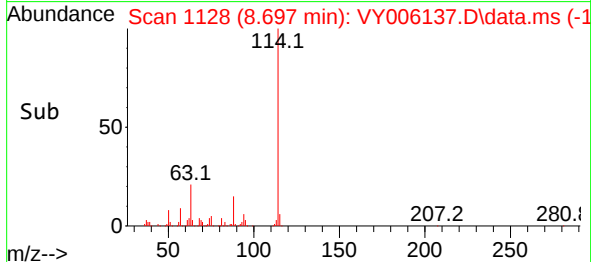
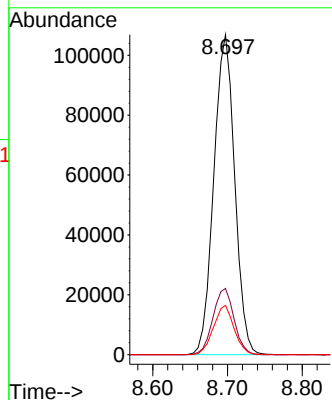
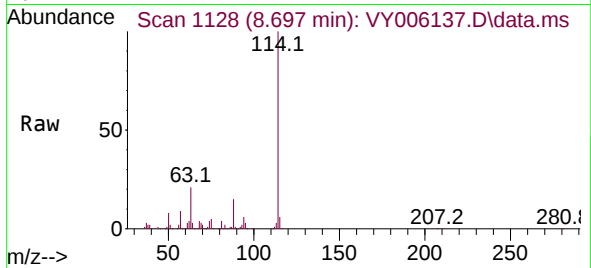




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

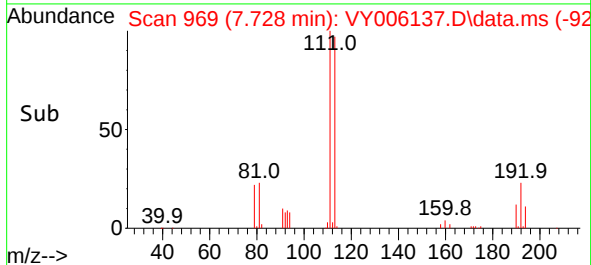
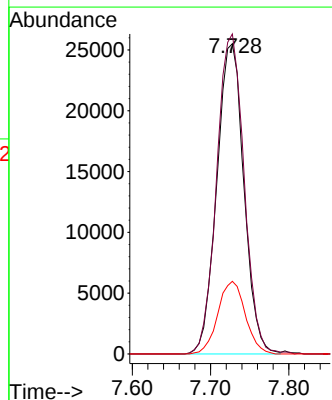
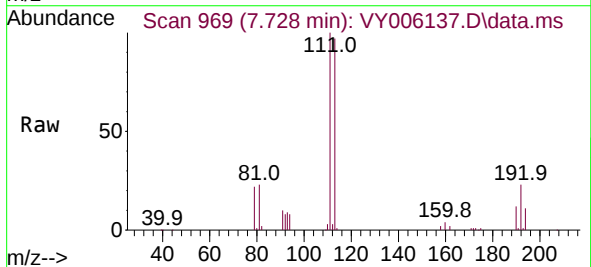
Instrument :
MSVOA_Y
ClientSampled :
TP-3

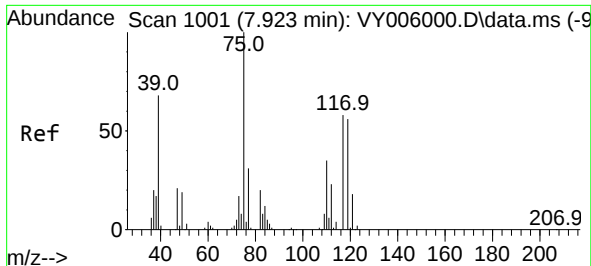
Tgt Ion:	114	Resp:	207421
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.594 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Tgt Ion:	113	Resp:	61317
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	23.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.231 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006137.D

Acq: 24 Sep 2021 14:46

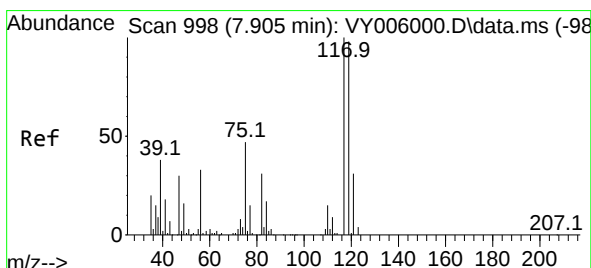
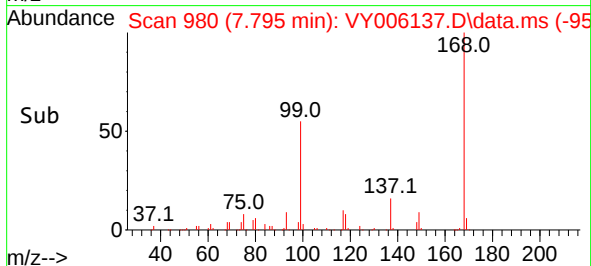
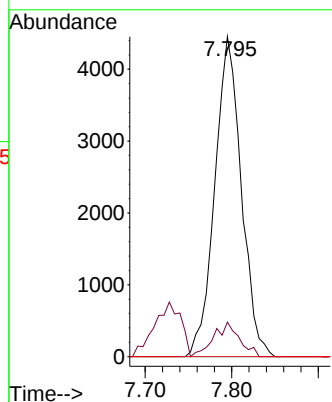
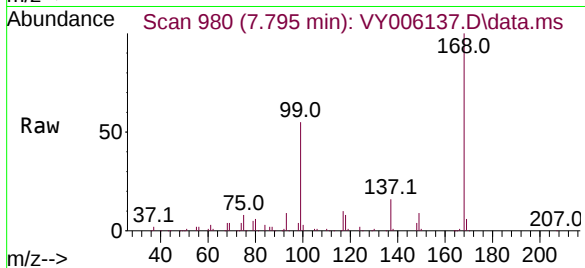
Instrument :

MSVOA_Y

ClientSampleId :

TP-3

Tgt Ion:	75	Resp:	9472
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.999 ug/l

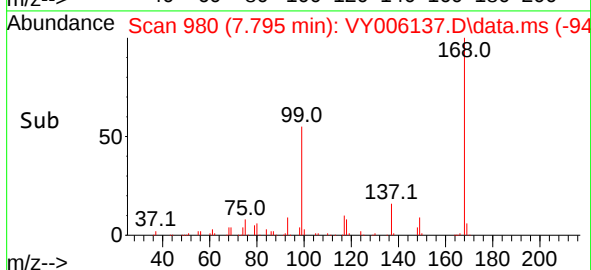
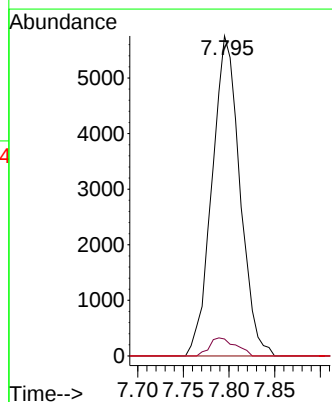
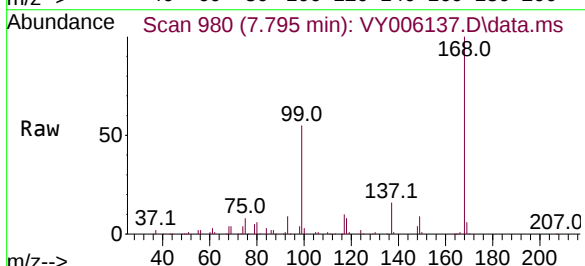
RT: 7.795 min Scan# 980

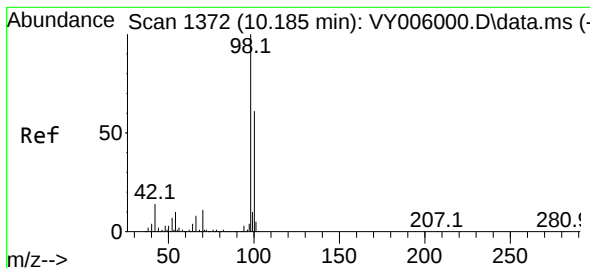
Delta R.T. -0.110 min

Lab File: VY006137.D

Acq: 24 Sep 2021 14:46

Tgt Ion:	117	Resp:	12184
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.9	116.9#
121	0.0	24.8	37.2#

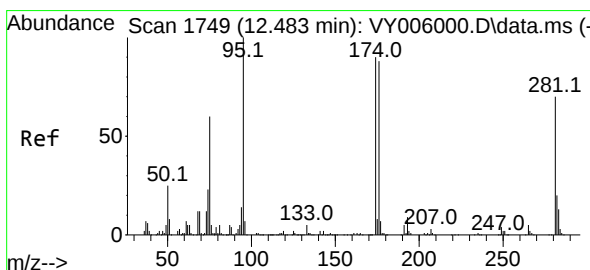
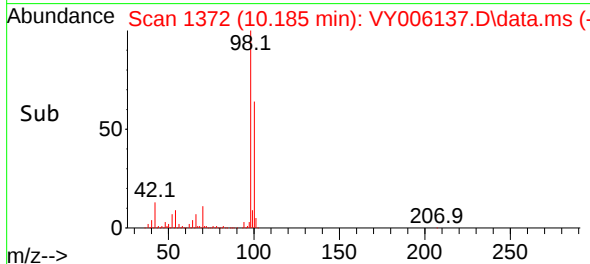
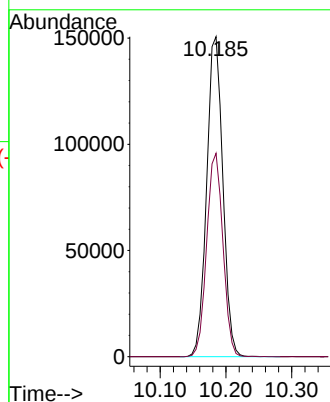
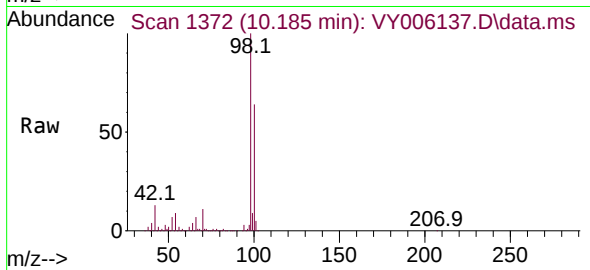




#50
Toluene-d8
Concen: 46.892 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

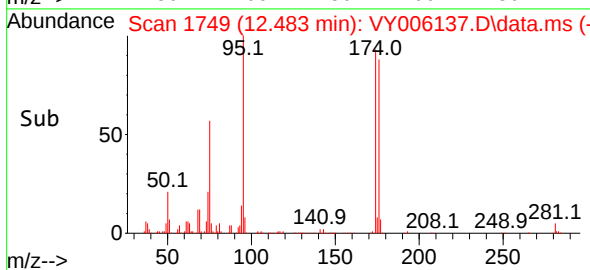
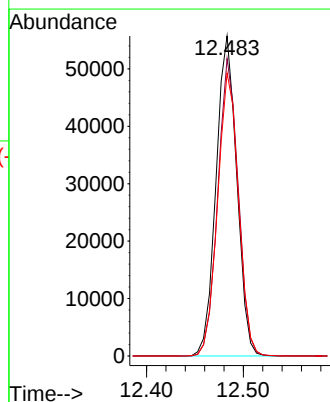
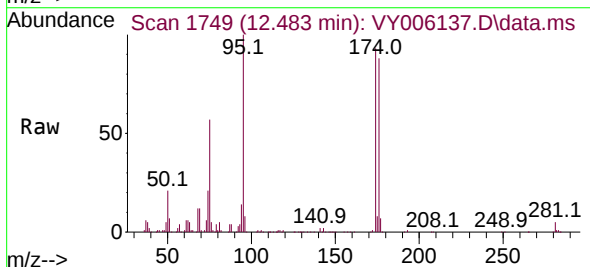
Instrument :
MSVOA_Y
ClientSampled :
TP-3

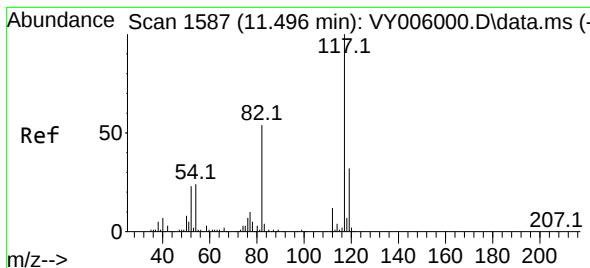
Tgt Ion: 98 Resp: 257478
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Tgt Ion: 95 Resp: 82649
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 89.4 0.0 175.8

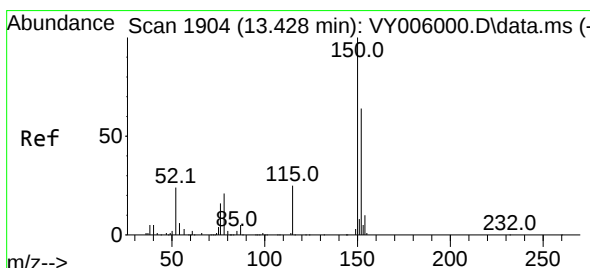
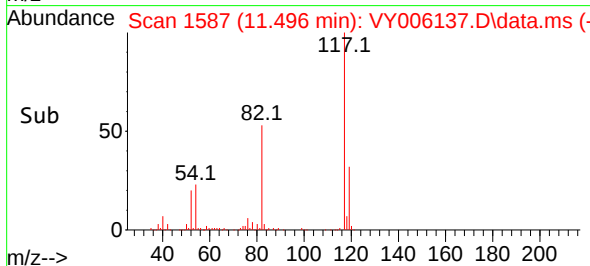
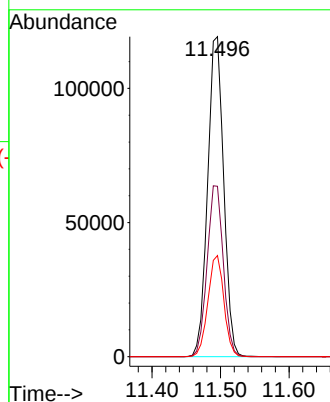
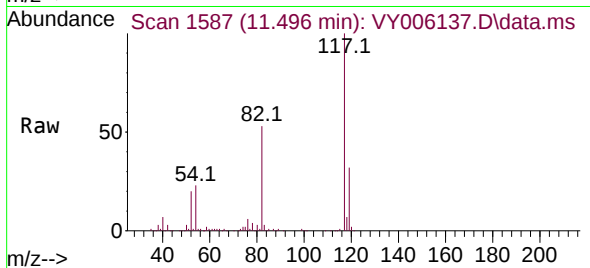




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

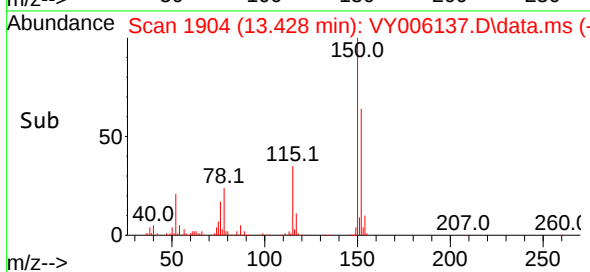
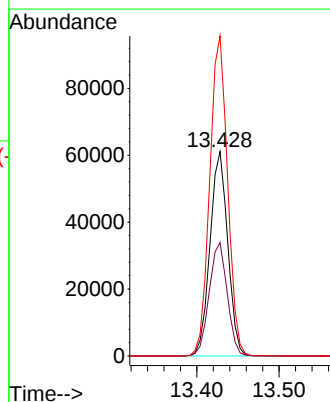
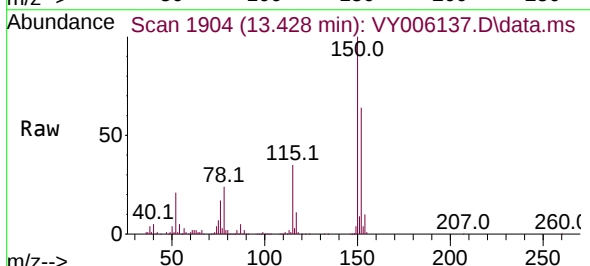
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ClientSampleId :
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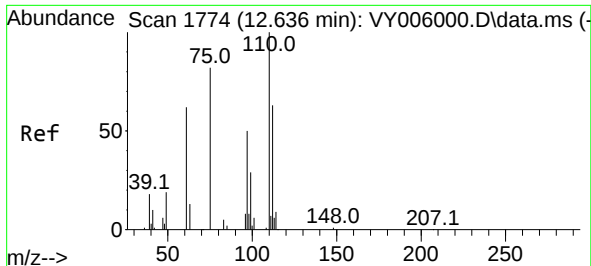
Tgt Ion:117 Resp: 194338
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Tgt Ion:152 Resp: 91584
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 157.1 0.0 347.6

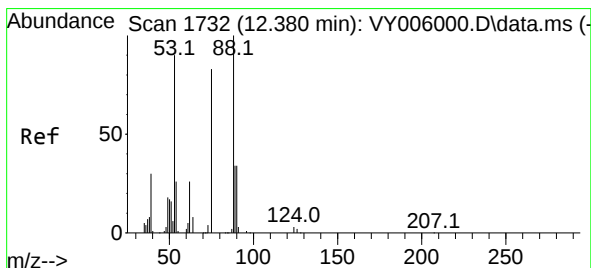
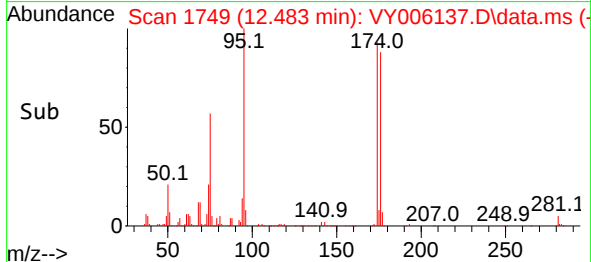
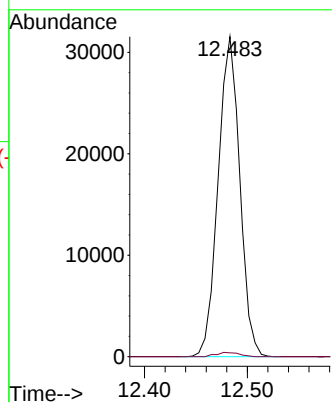
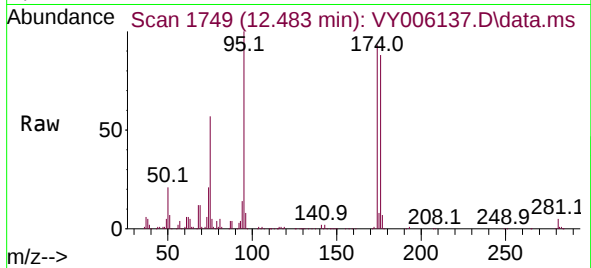




#76
1,2,3-Trichloropropane
Concen: 47.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

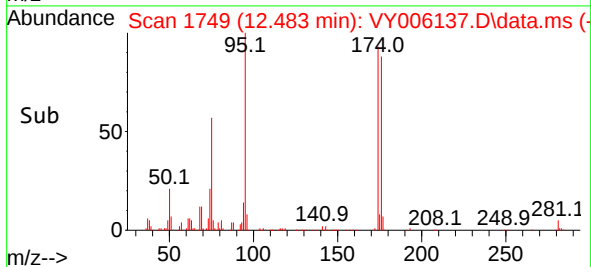
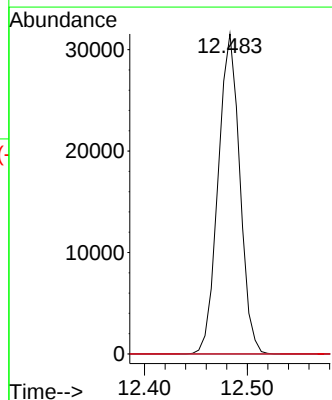
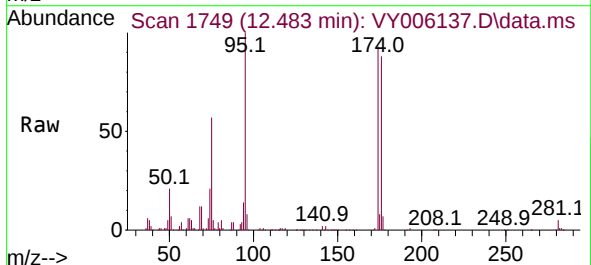
Instrument :
MSVOA_Y
ClientSampled :
TP-3

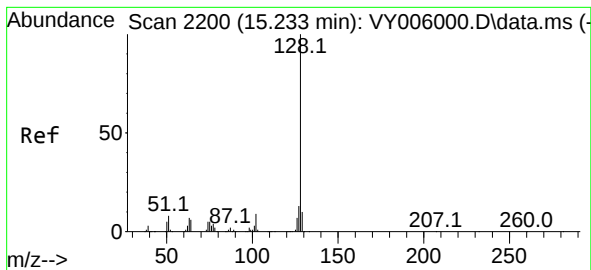
Tgt Ion: 75 Resp: 46116
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Tgt Ion: 75 Resp: 46116
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 5.047 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006137.D
Acq: 24 Sep 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:128 Resp: 18467
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.8 8.4 12.6

