

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008137.D
 Acq On : 31 Mar 2022 14:22
 Operator : SY/MD
 Sample : N2202-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHE

Quant Time: Apr 01 04:33:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

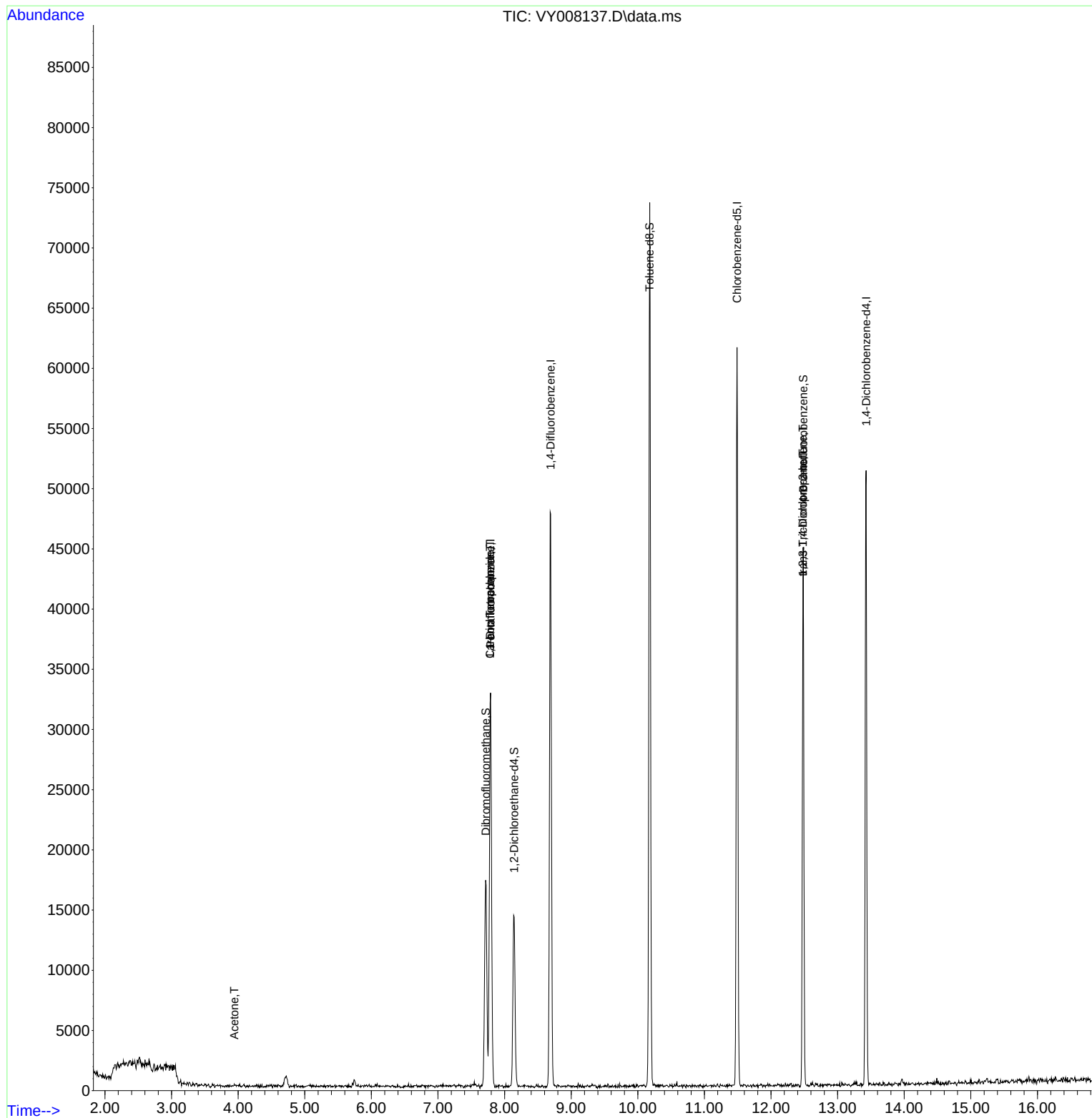
Internal Standards						
1) Pentafluorobenzene	7.789	168	25330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	35156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11597	45.633	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.260%		
35) Dibromofluoromethane	7.716	113	12558	46.037	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.080%		
50) Toluene-d8	10.179	98	49826	48.482	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.483	95	14447	39.845	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.680%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	343	5.905	ug/l #	47
18) Methyl Acetate	4.479	43	40	Below Cal	#	56
20) Methylene Chloride	4.710	84	792	Below Cal	#	72
36) 1,1-Dichloropropene	7.783	75	2003	4.675	ug/l #	44
38) Carbon Tetrachloride	7.783	117	2605	5.579	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	7490	45.595	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	7490	101.729	ug/l #	7

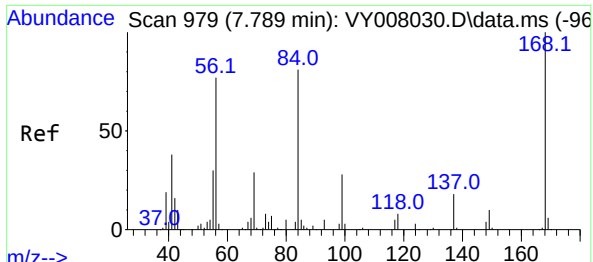
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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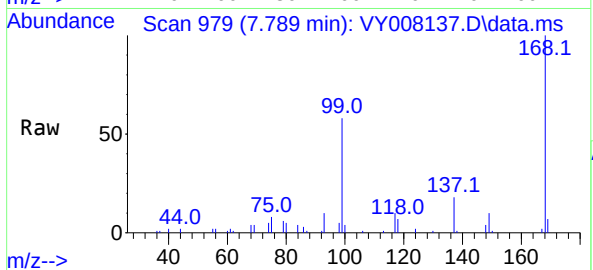
Quant Time: Apr 01 04:33:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
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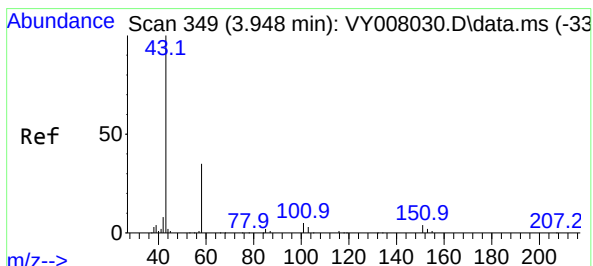
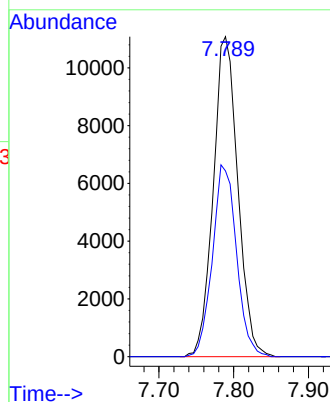
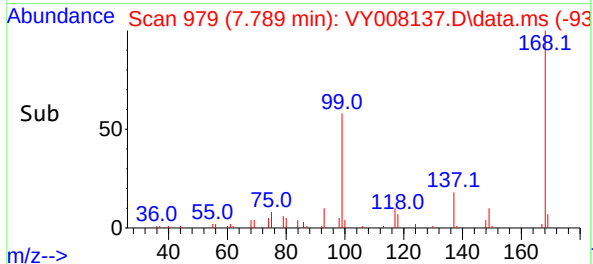


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MHE

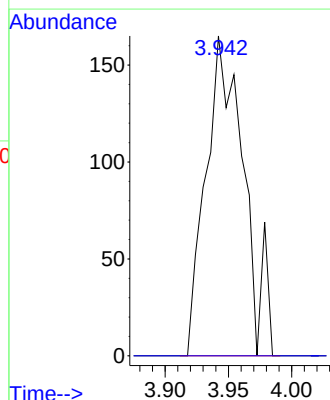
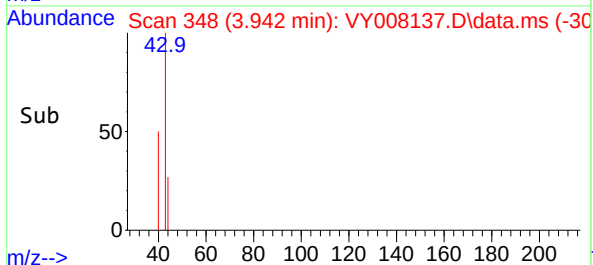
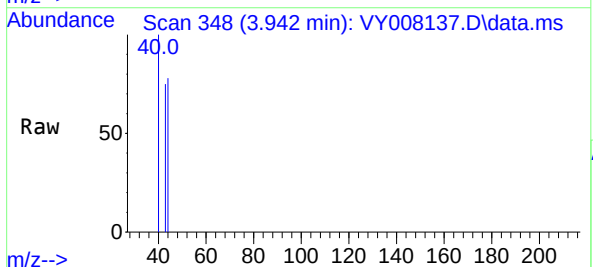


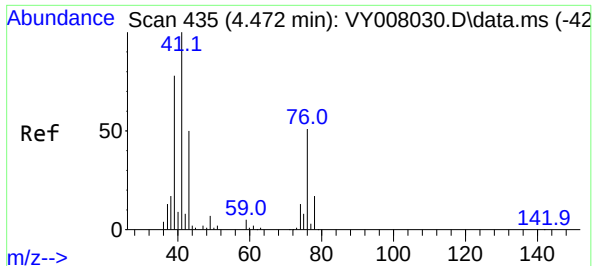
Tgt Ion:168 Resp: 25330
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3



#16
Acetone
Concen: 5.905 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

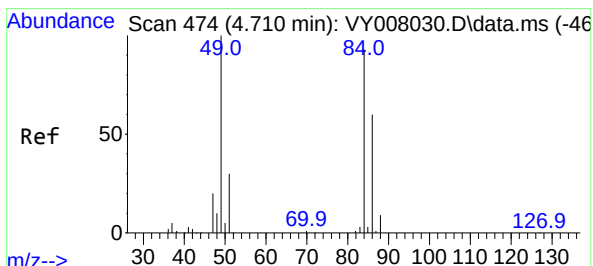
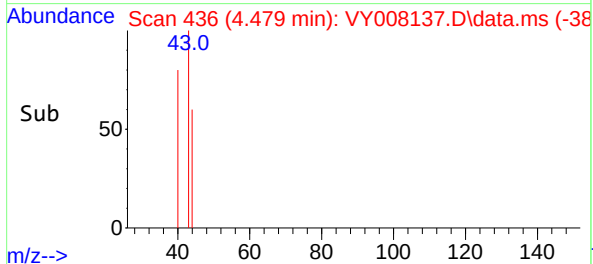
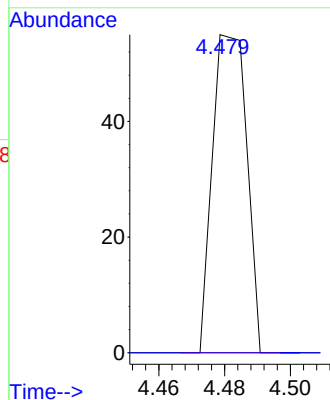
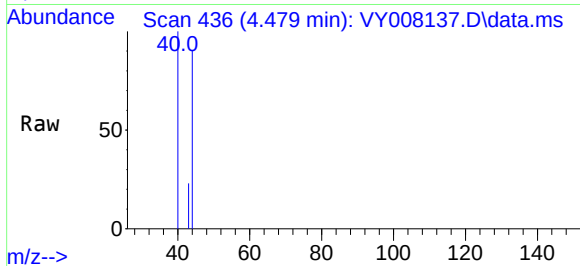




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

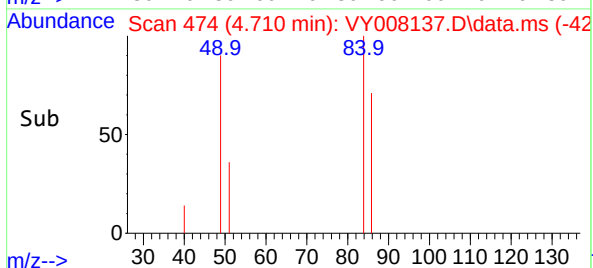
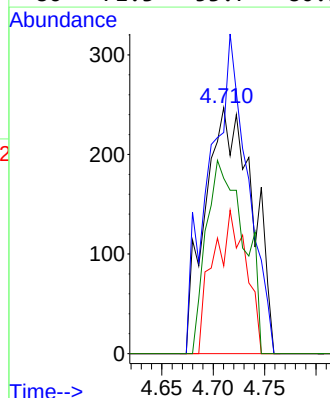
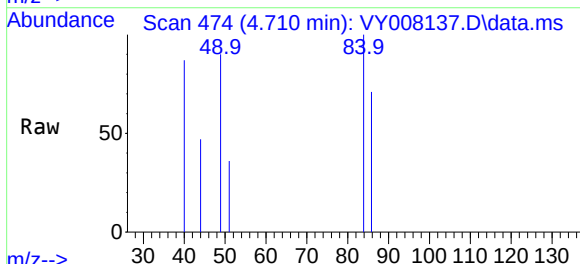
Instrument :
MSVOA_Y
ClientSampleId :
MHE

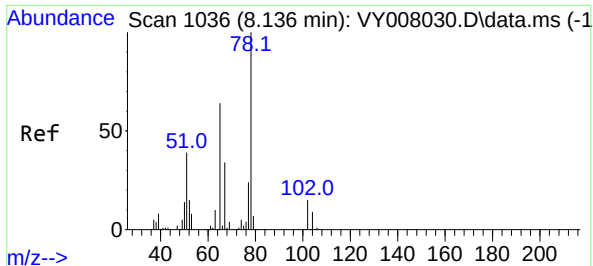
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 84 Resp: 792
Ion Ratio Lower Upper
84 100
49 89.9 114.4 171.6#
51 35.6 35.3 52.9
86 71.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 45.633 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008137.D

Acq: 31 Mar 2022 14:22

Instrument :

MSVOA_Y

ClientSampleId :

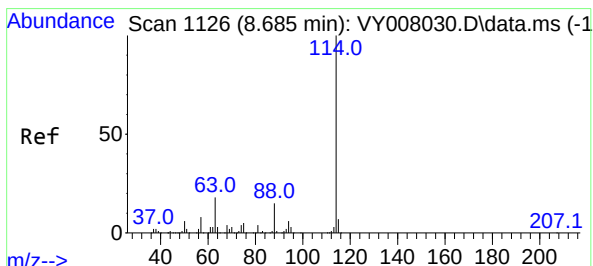
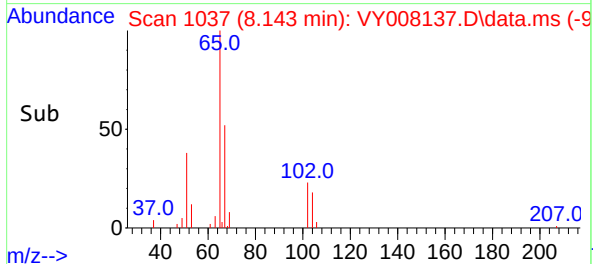
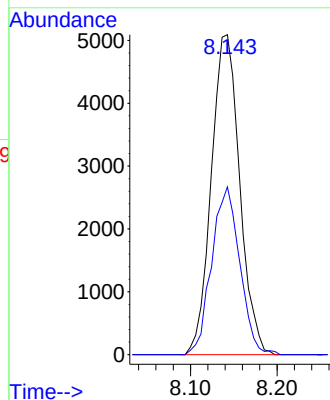
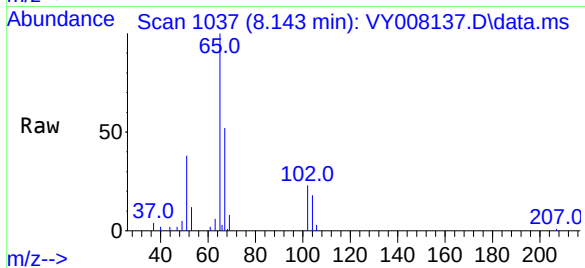
MHE

Tgt Ion: 65 Resp: 11597

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008137.D

Acq: 31 Mar 2022 14:22

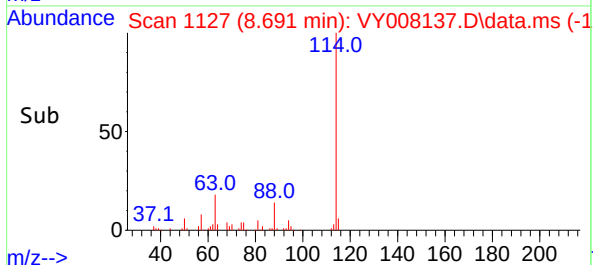
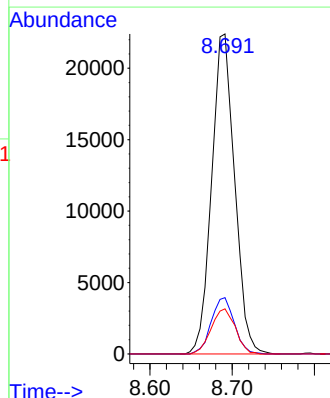
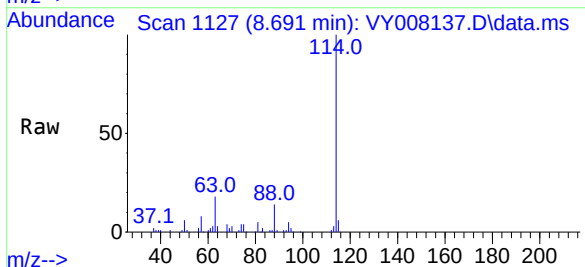
Tgt Ion: 114 Resp: 43508

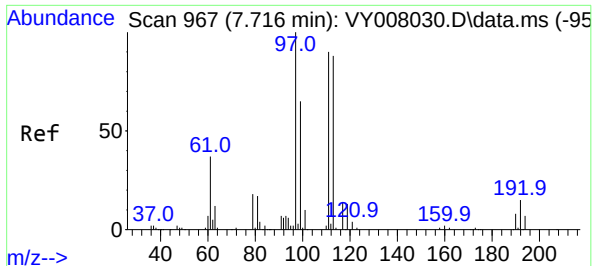
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.1 0.0 31.8

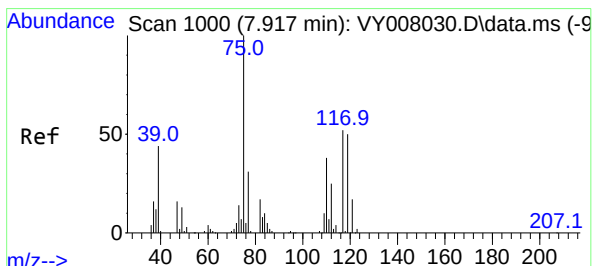
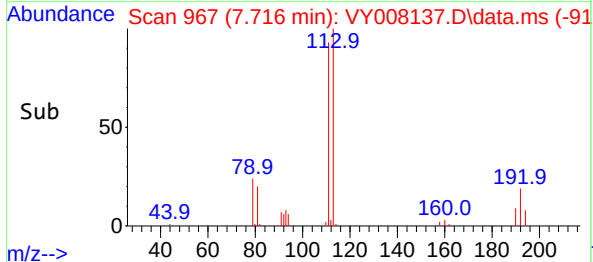
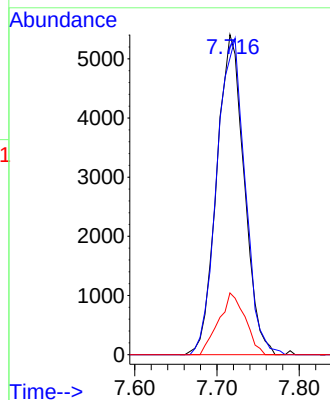
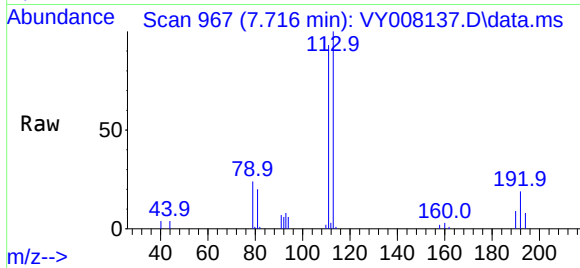




#35
Dibromofluoromethane
Concen: 46.037 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

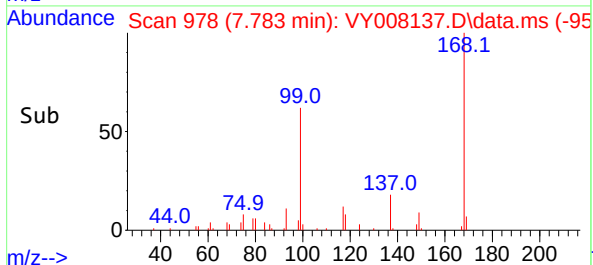
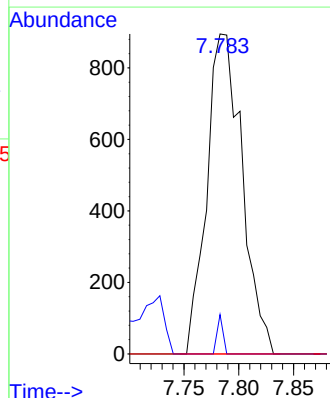
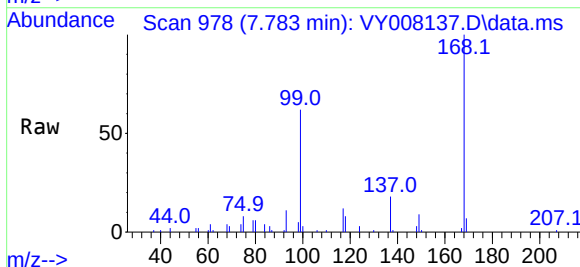
Instrument :
MSVOA_Y
ClientSampleId :
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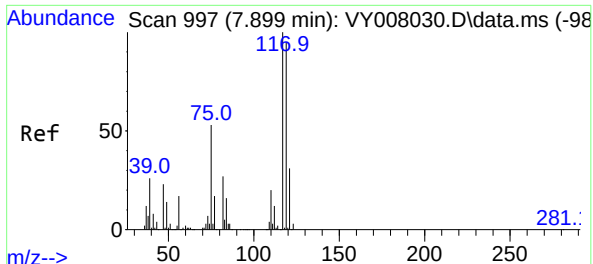
Tgt Ion:113 Resp: 12558
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 75 Resp: 2003
Ion Ratio Lower Upper
75 100
110 2.0 17.1 51.2#
77 0.0 24.4 36.6#

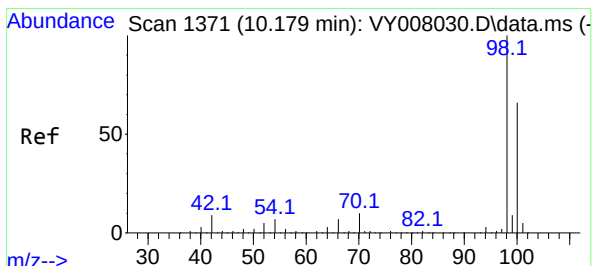
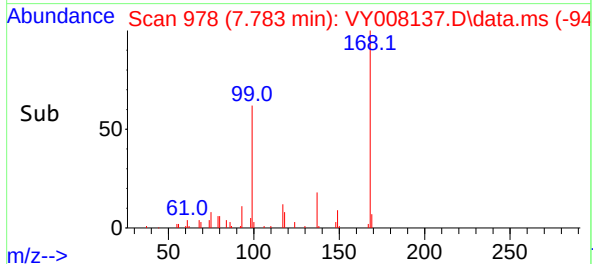
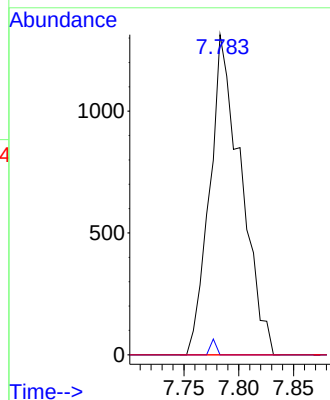
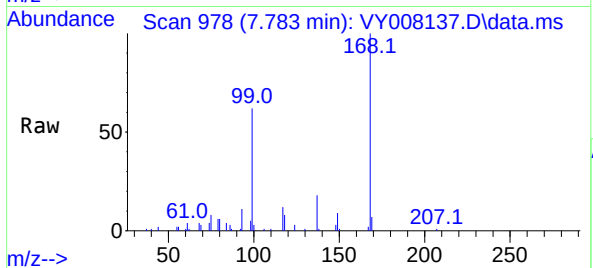




#38
Carbon Tetrachloride
Concen: 5.579 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

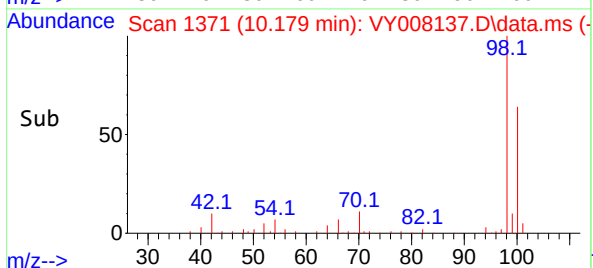
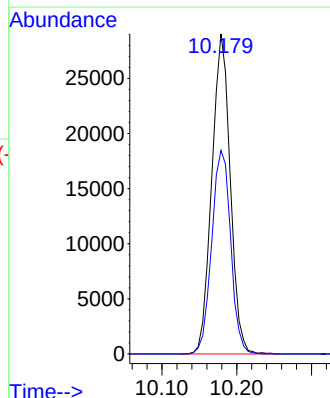
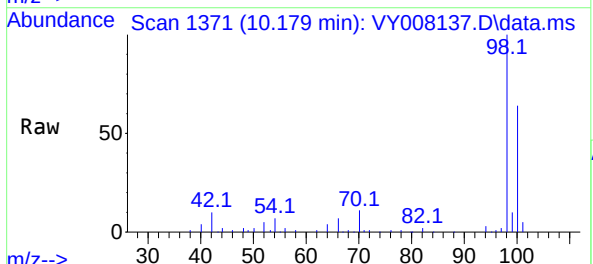
Instrument :
MSVOA_Y
ClientSampleId :
MHE

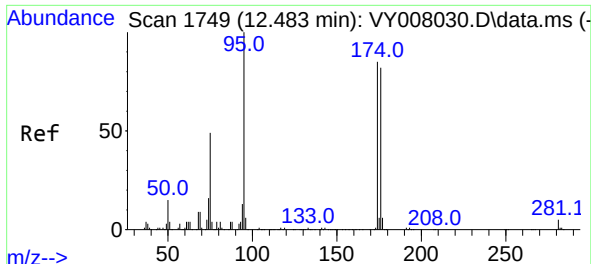
Tgt Ion:117 Resp: 2605
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 98 Resp: 49826
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



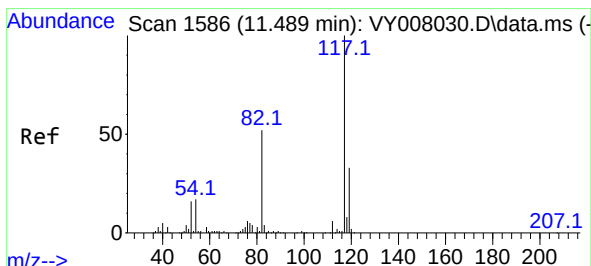
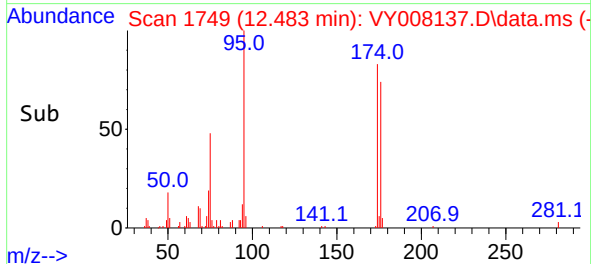
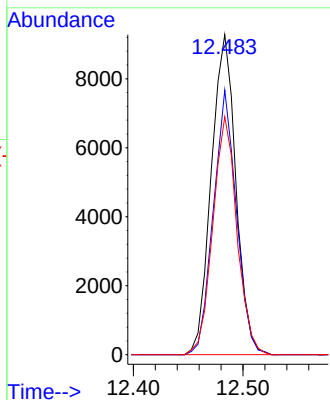
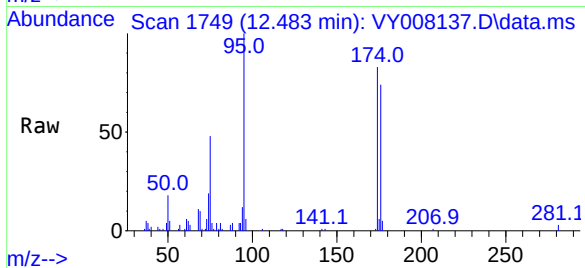


#62
4-Bromofluorobenzene
Concen: 39.845 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 95 Resp: 14447

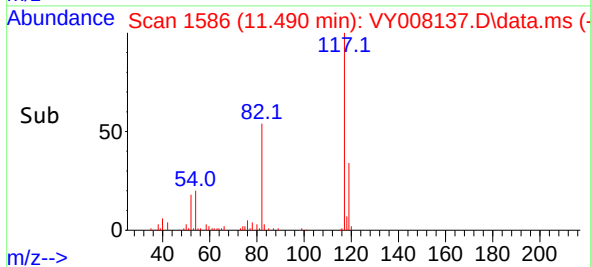
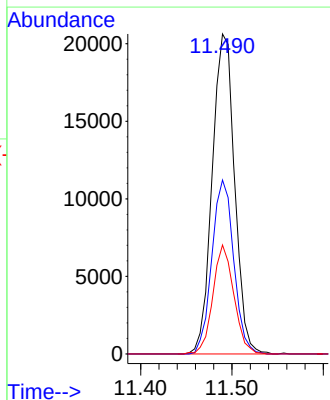
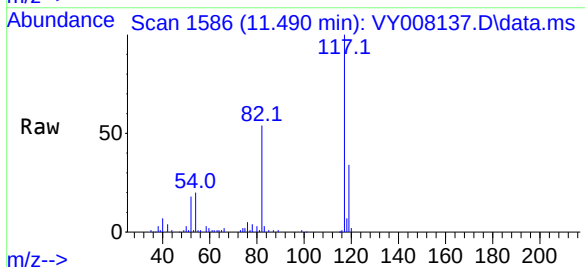
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	177.0
176	72.9	0.0	175.8

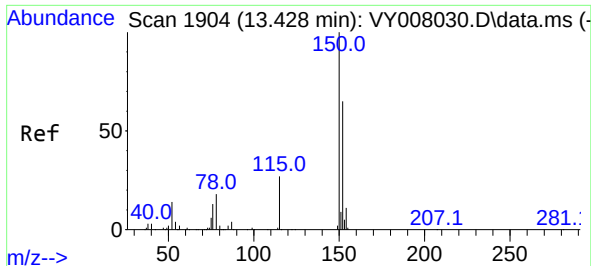


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 117 Resp: 35156

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	34.1	25.4	38.0

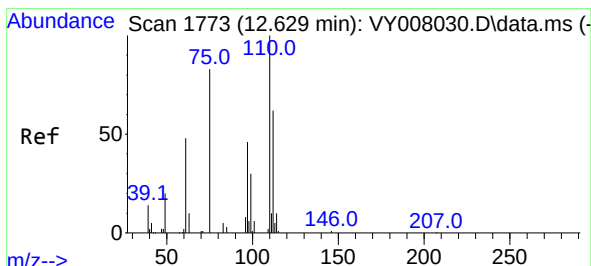
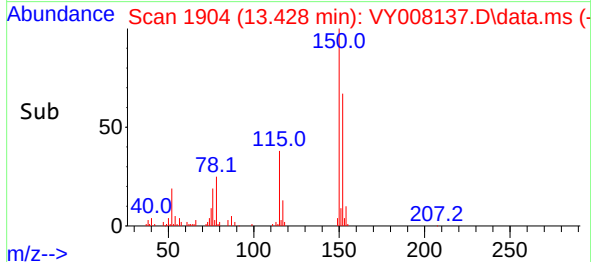
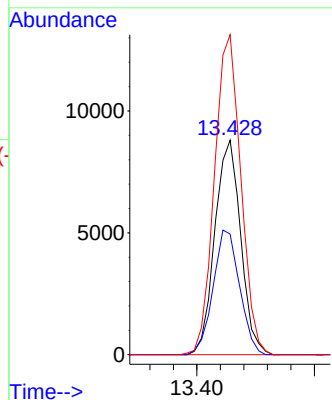
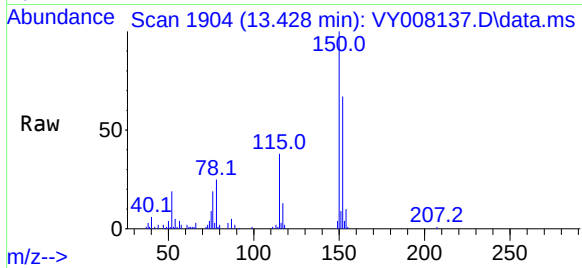




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008137.D
 Acq: 31 Mar 2022 14:22

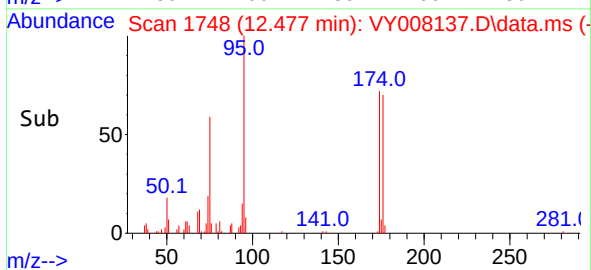
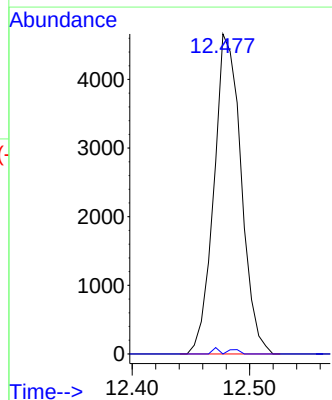
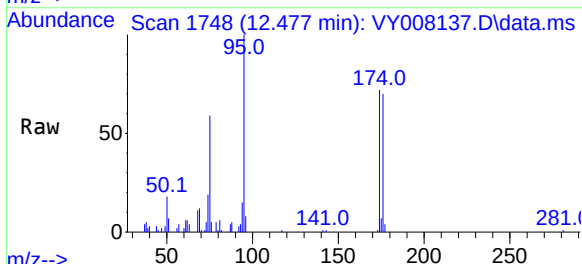
Instrument :
 MSVOA_Y
 ClientSampleId :
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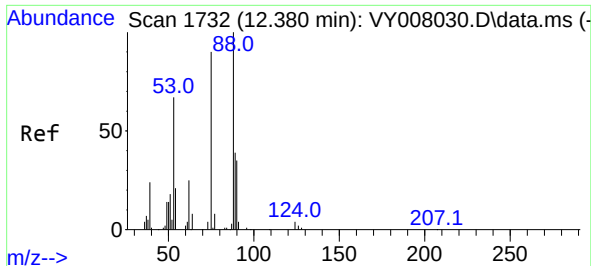
Tgt Ion:152 Resp: 13476
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 152.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.595 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY008137.D
 Acq: 31 Mar 2022 14:22

Tgt Ion: 75 Resp: 7490
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.729 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008137.D
 Acq: 31 Mar 2022 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHE

Tgt Ion: 75 Resp: 7490
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

