

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010377.D
 Acq On : 07 Sep 2022 17:11
 Operator : KP/MD
 Sample : N4474-11
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-11

Quant Time: Sep 08 04:13:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

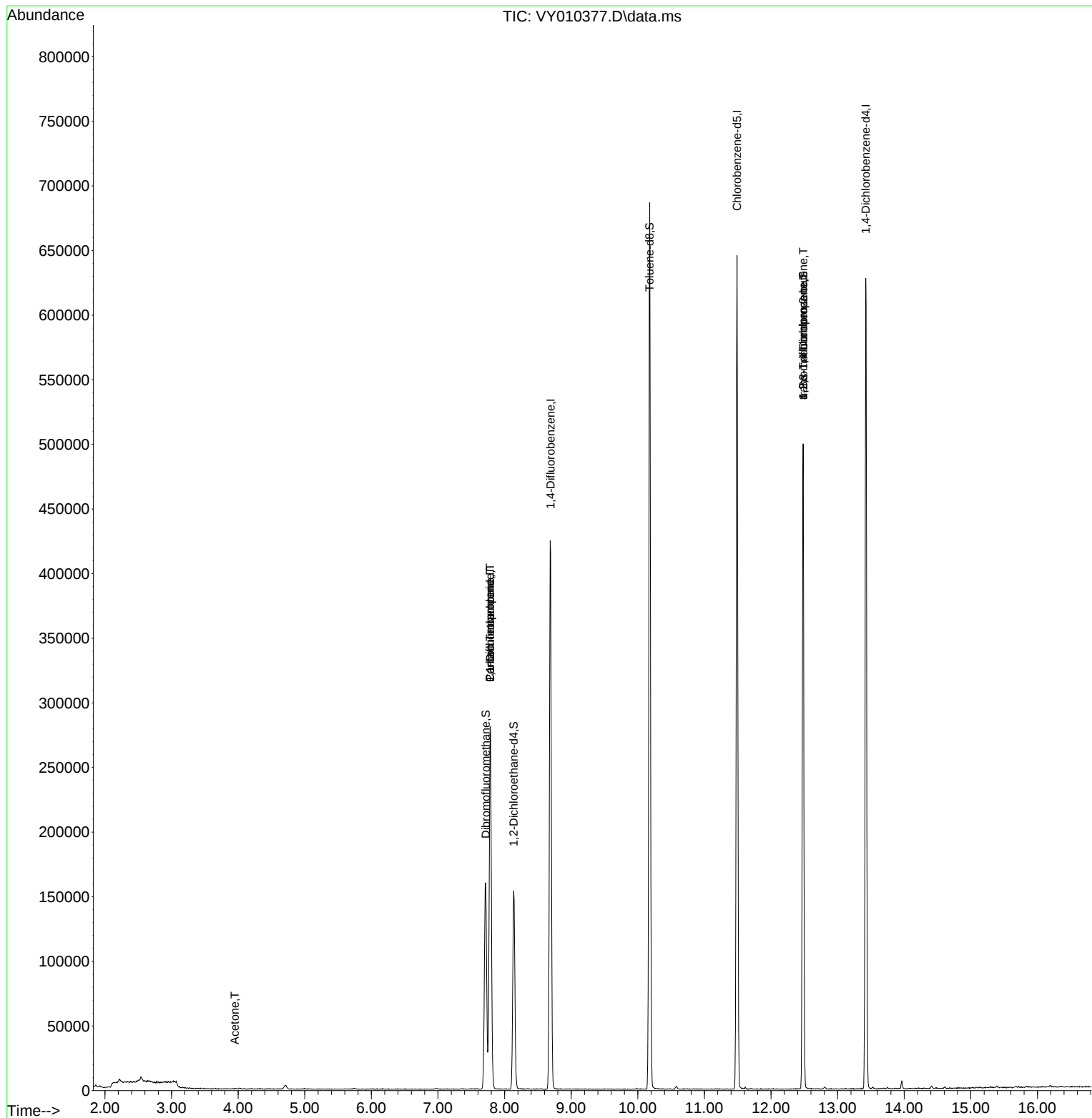
Internal Standards						
1) Pentafluorobenzene	7.783	168	225114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121414	52.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.200%	
35) Dibromofluoromethane	7.716	113	115184	45.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.180%	
50) Toluene-d8	10.179	98	450258	53.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.483	95	151650	44.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	405	Below Cal	#	52
16) Acetone	3.948	43	598	1.036	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	16201	4.371	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21574	5.647	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	77807	39.121	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77807	81.612	ug/l #	7

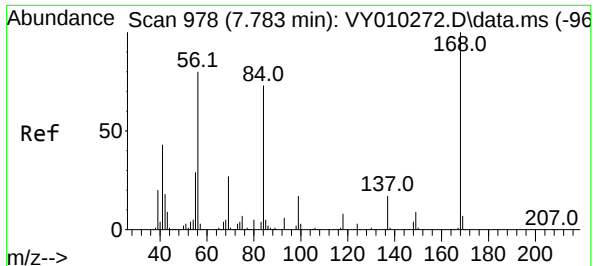
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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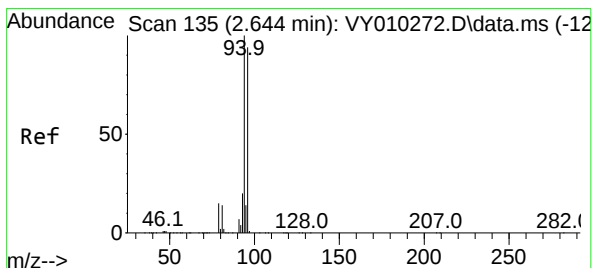
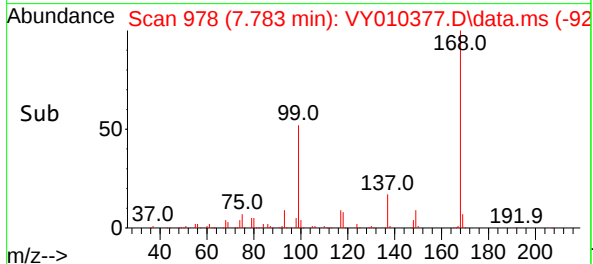
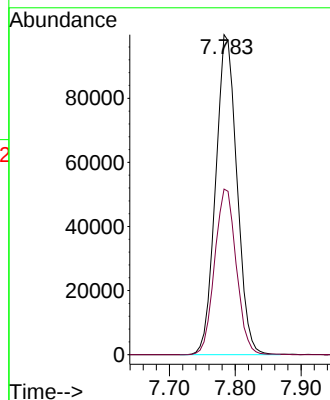
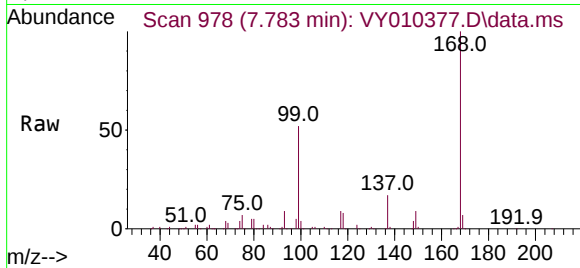




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

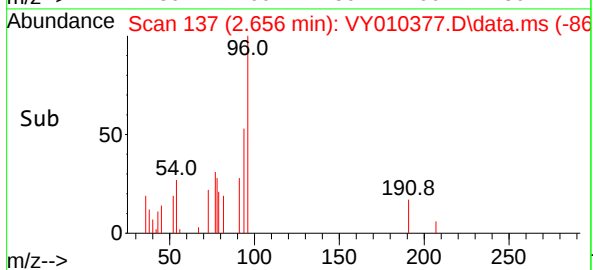
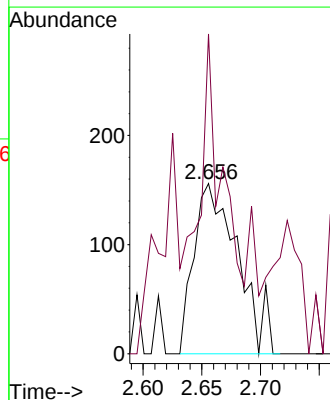
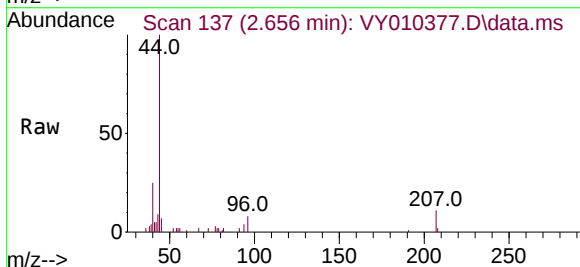
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-11

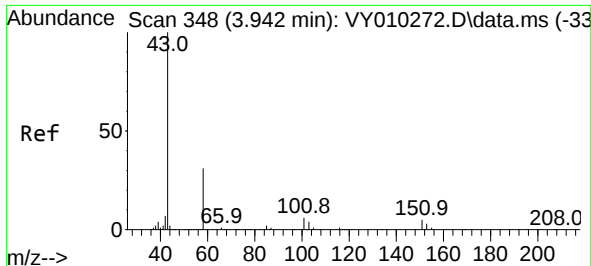
Tgt Ion:168 Resp: 225114
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 137.8 73.5 110.3#

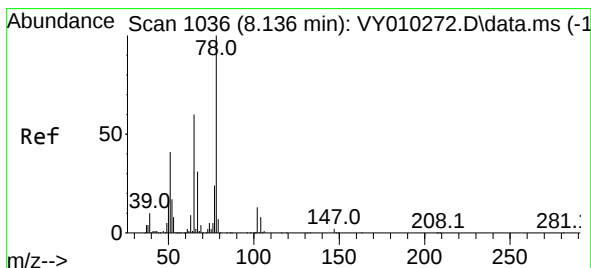
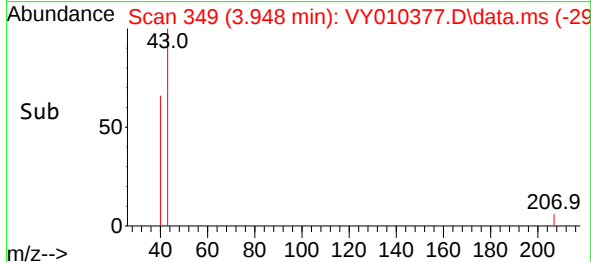
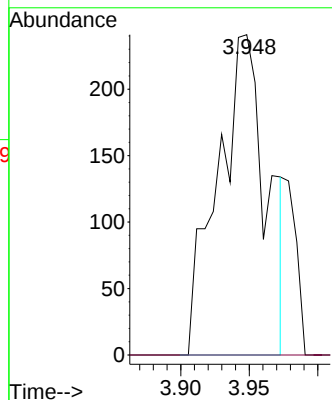
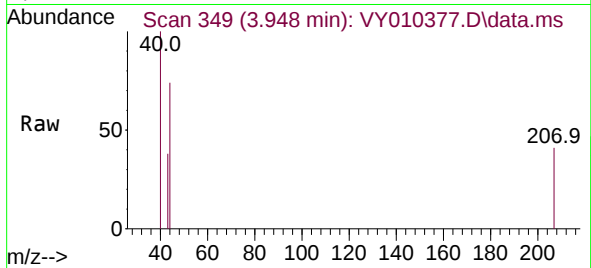




#16
Acetone
Concen: 1.036 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

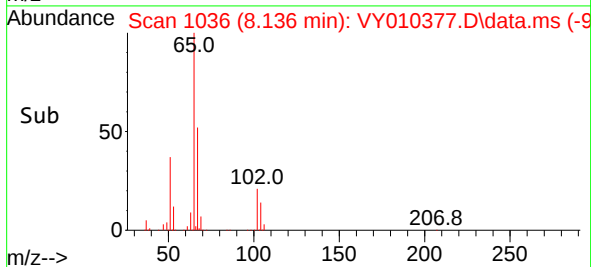
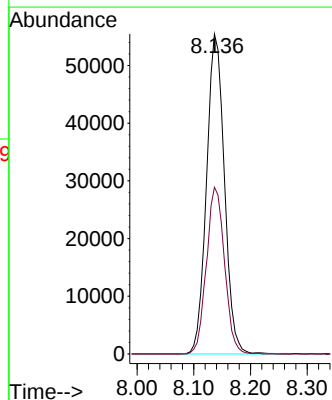
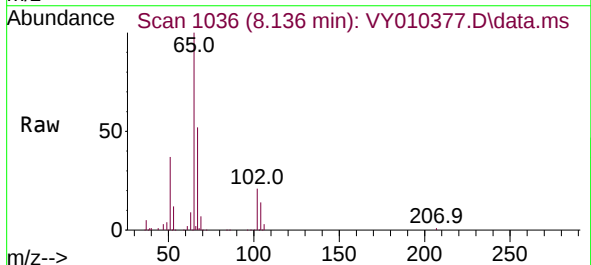
Instrument :
MSVOA_Y
ClientSampleId :
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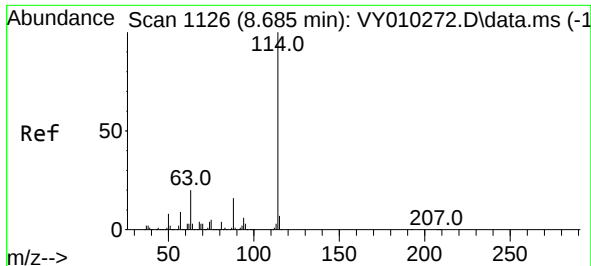
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 52.599 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Tgt Ion: 65 Resp: 121414
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

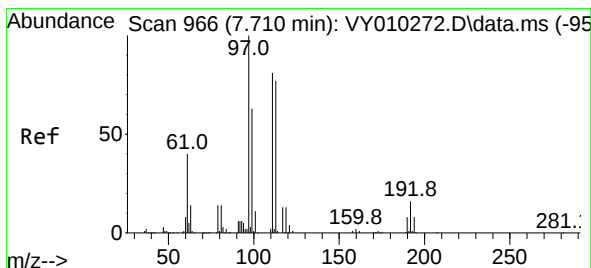
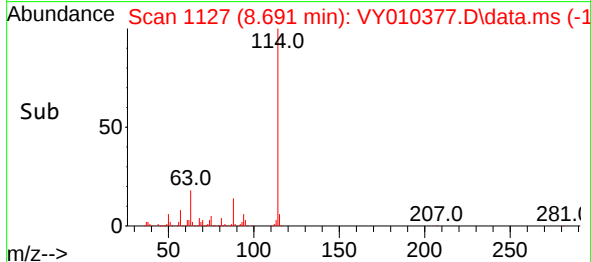
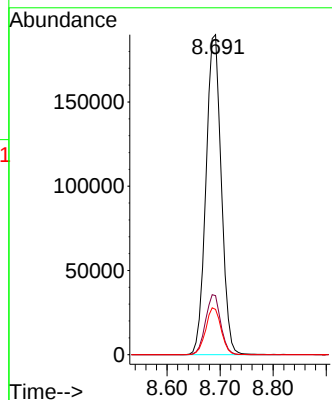
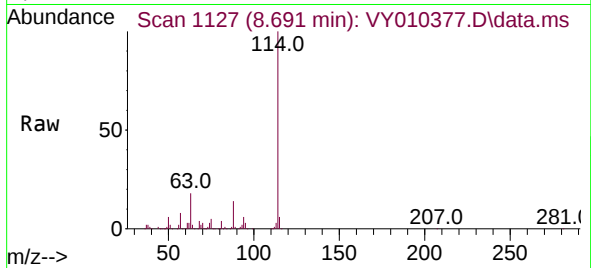




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

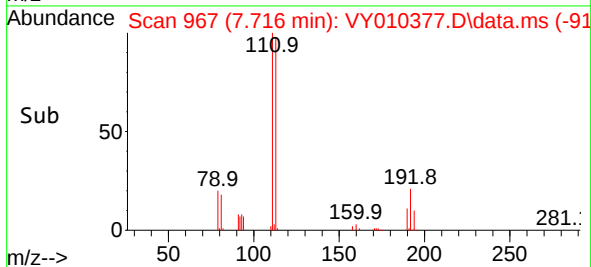
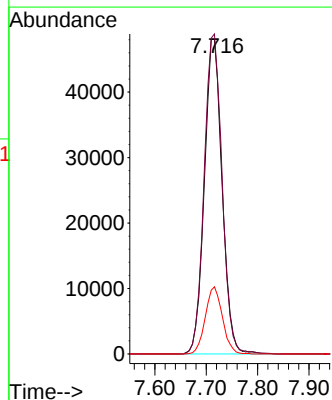
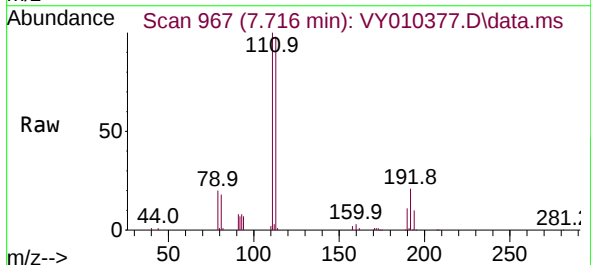
Instrument :
MSVOA_Y
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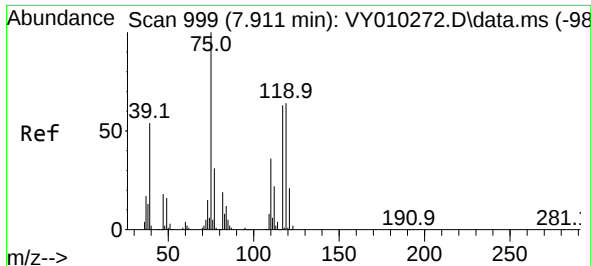
Tgt Ion:114 Resp: 379508
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.591 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Tgt Ion:113 Resp: 115184
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.371 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010377.D

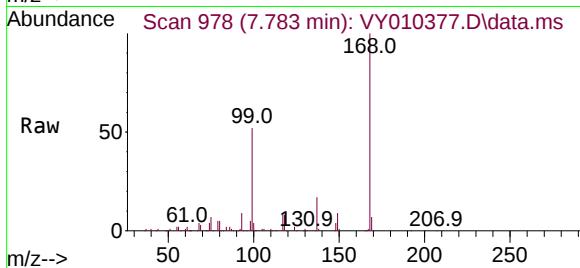
Acq: 07 Sep 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-11



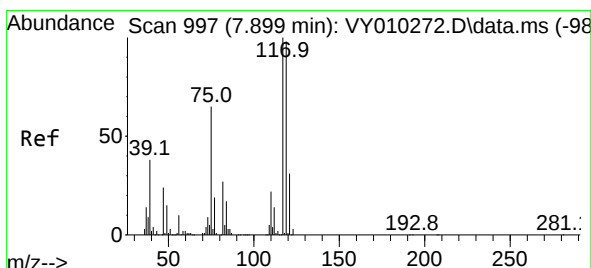
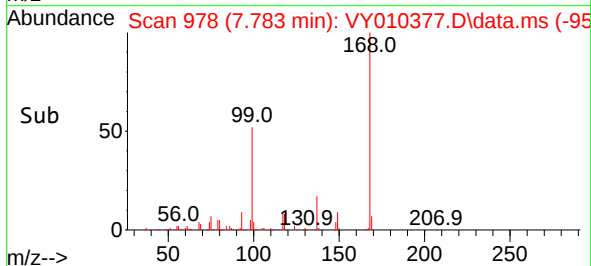
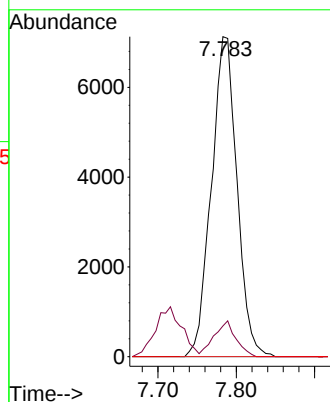
Tgt Ion: 75 Resp: 16201

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.647 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010377.D

Acq: 07 Sep 2022 17:11

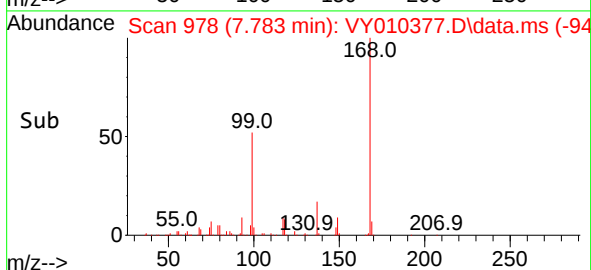
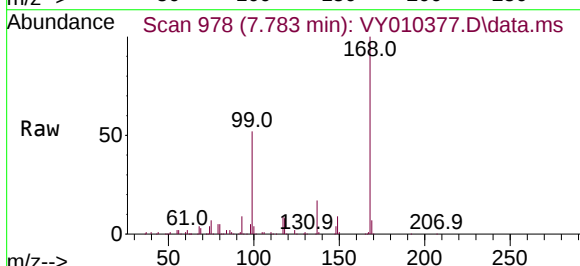
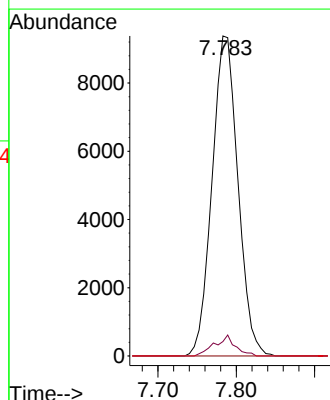
Tgt Ion: 117 Resp: 21574

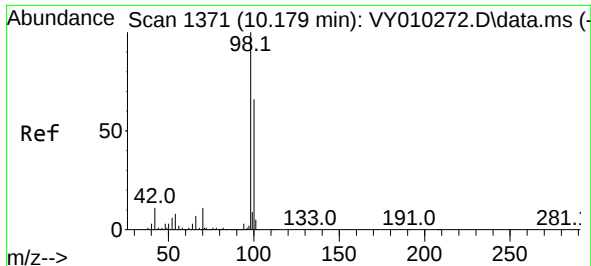
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

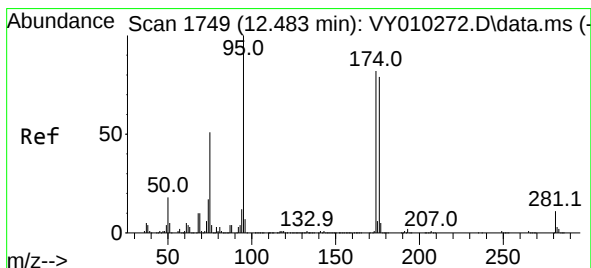
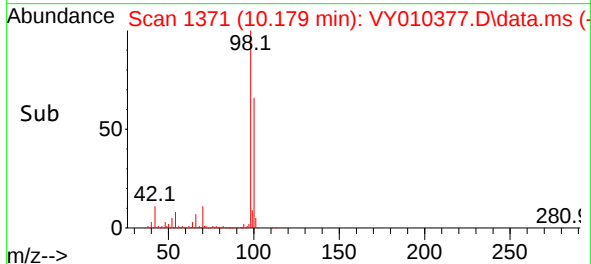
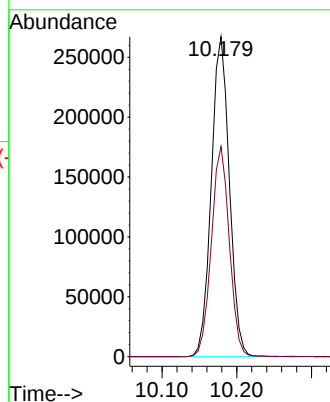
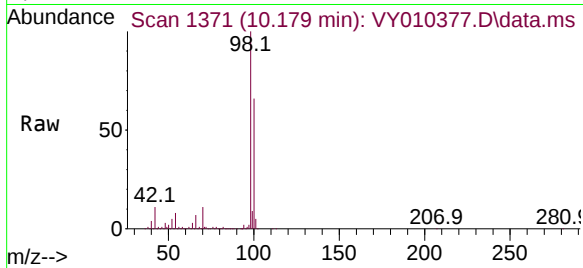




#50
Toluene-d8
Concen: 53.231 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

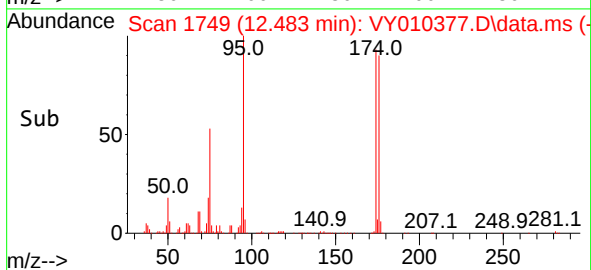
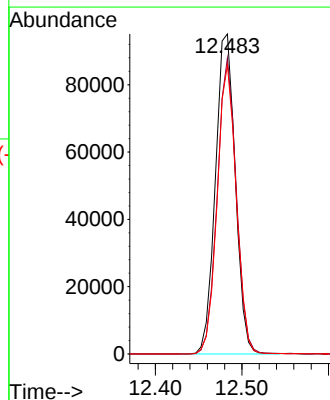
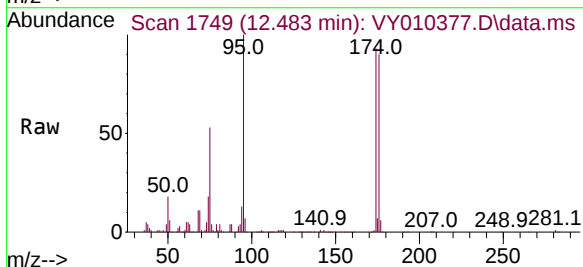
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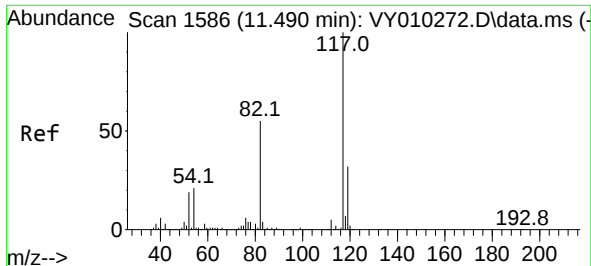
Tgt Ion: 98 Resp: 450258
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Tgt Ion: 95 Resp: 151650
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 86.8 0.0 175.8

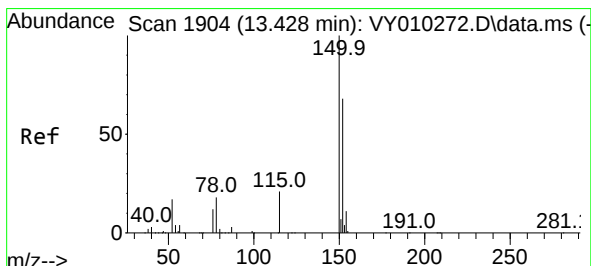
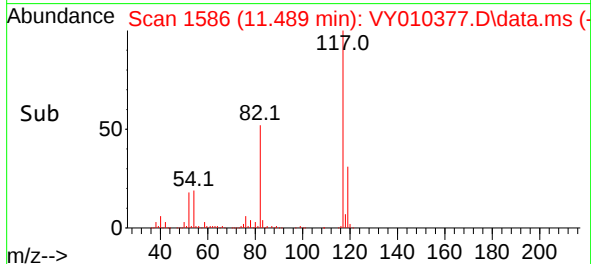
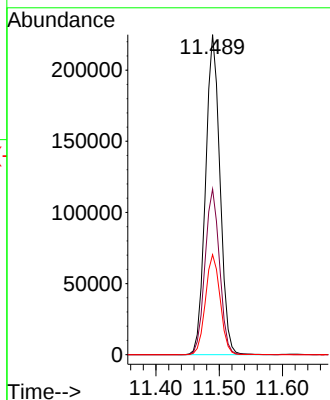
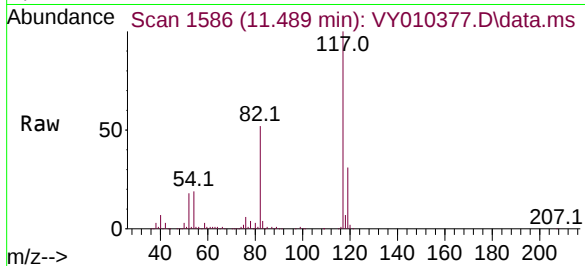




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

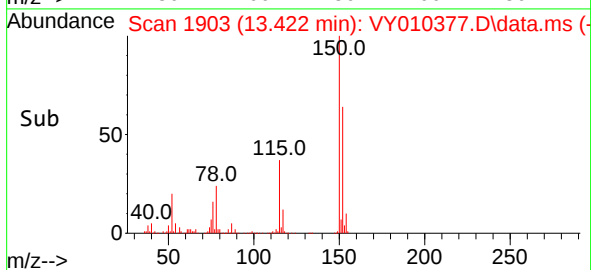
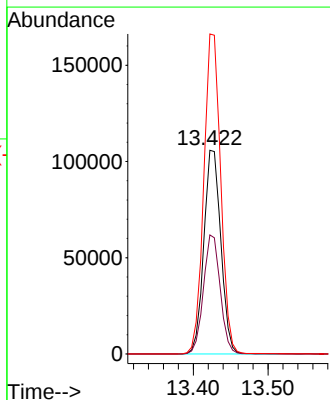
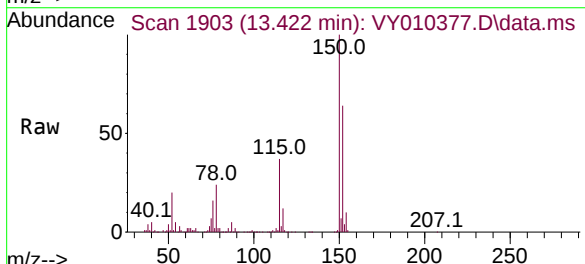
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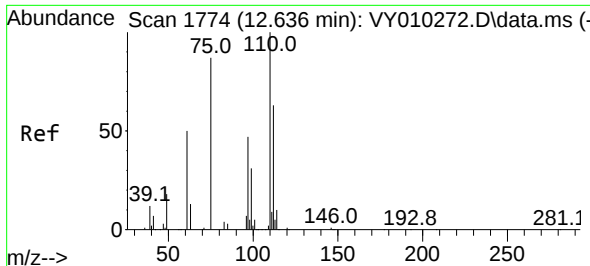
Tgt Ion:117 Resp: 357253
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Tgt Ion:152 Resp: 167125
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.1 0.0 347.6

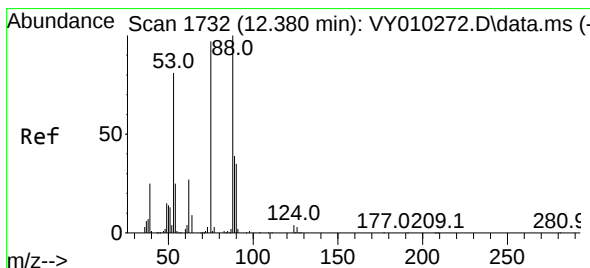
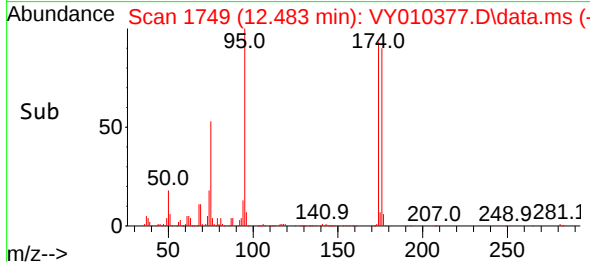
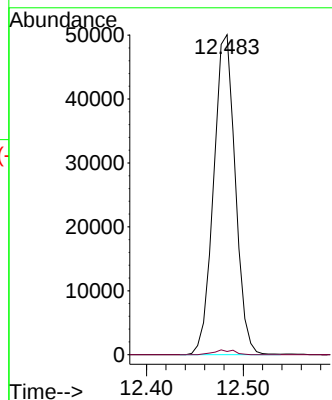
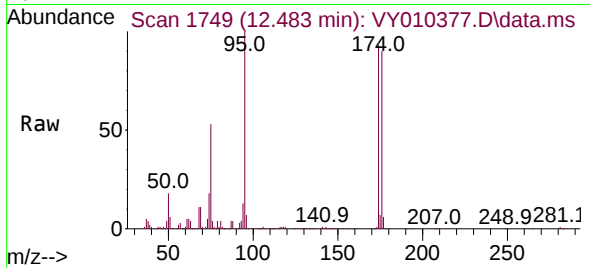




#76
1,2,3-Trichloropropane
Concen: 39.121 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 75 Resp: 77807
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010377.D
Acq: 07 Sep 2022 17:11

Tgt Ion: 75 Resp: 77807
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

