

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010375.D
 Acq On : 07 Sep 2022 16:24
 Operator : KP/MD
 Sample : N4474-09
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-09

Quant Time: Sep 08 04:12:45 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)

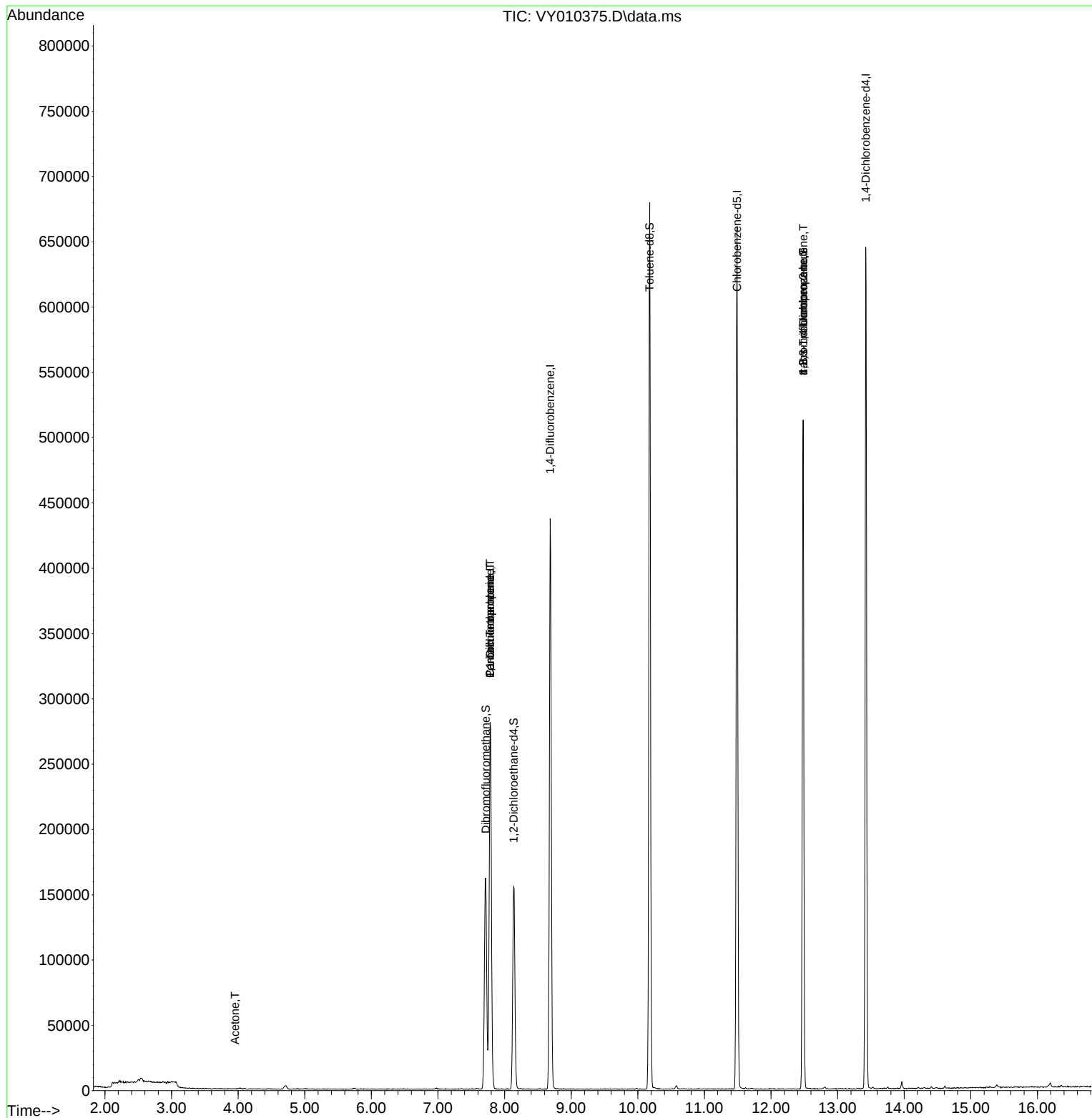
Internal Standards						
1) Pentafluorobenzene	7.783	168	228821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125159	53.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.716	113	117100	46.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.640%	
50) Toluene-d8	10.179	98	452067	53.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.483	95	155613	45.319	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.640%	
Target Compounds						Qvalue
5) Bromomethane	2.656	94	263	Below Cal	#	72
16) Acetone	3.954	43	646	1.101	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	15967	4.305	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21371	5.591	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	78447	39.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78447	81.487	ug/l #	7

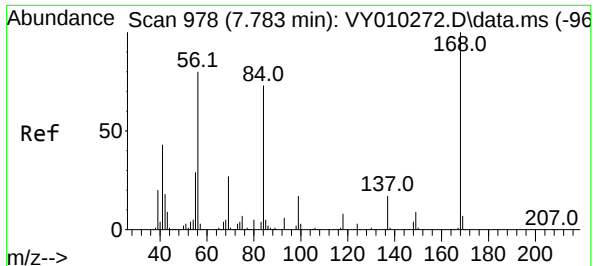
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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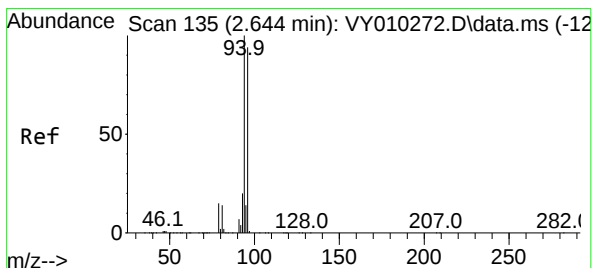
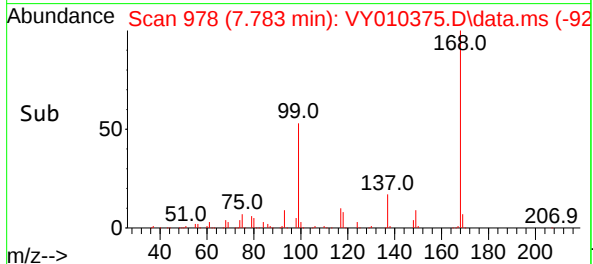
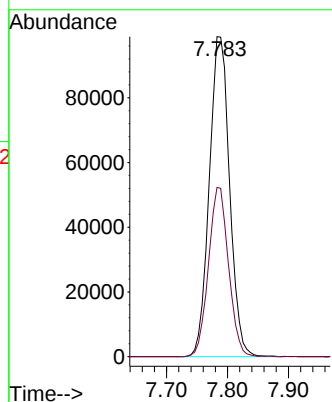
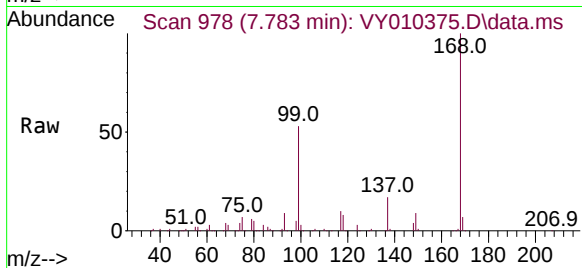




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

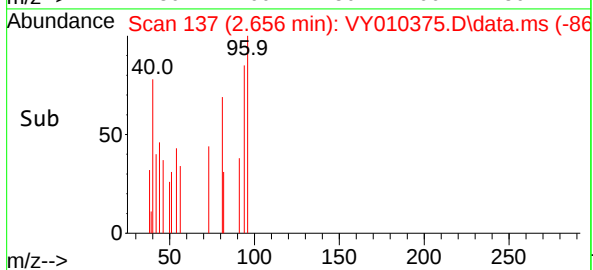
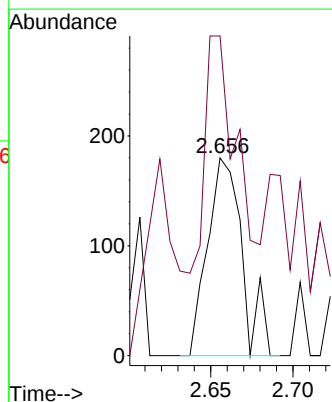
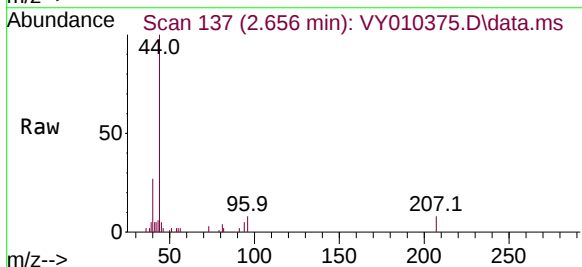
Instrument :
MSVOA_Y
ClientSampleId :
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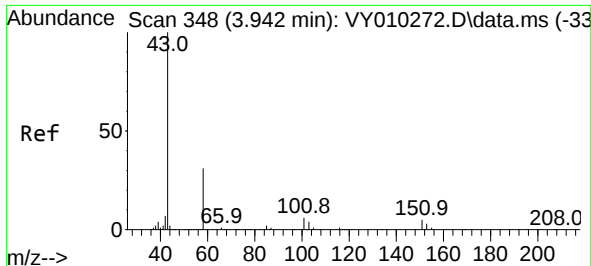
Tgt Ion:168 Resp: 228821
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 118.9 73.5 110.3#

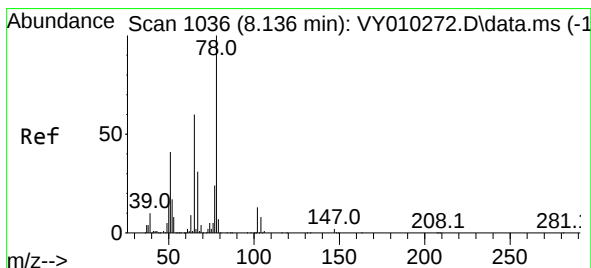
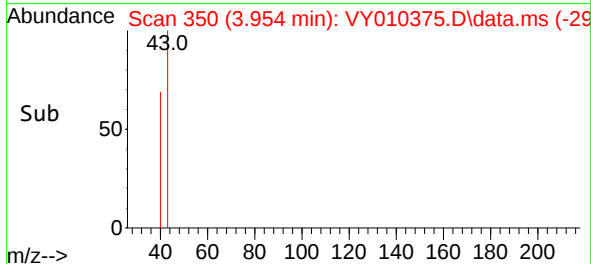
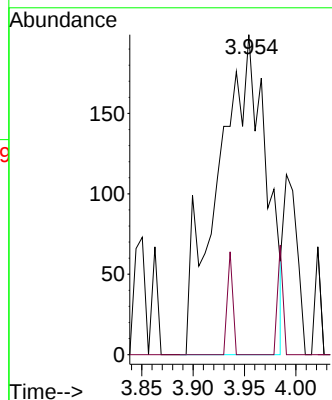
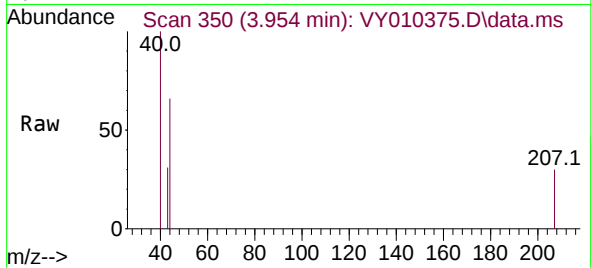




#16
Acetone
Concen: 1.101 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

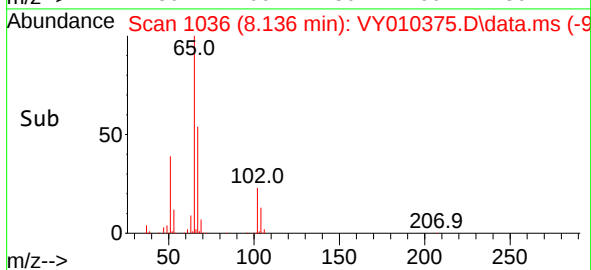
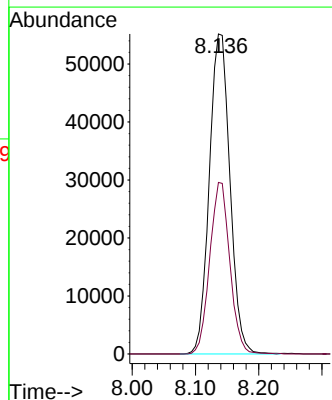
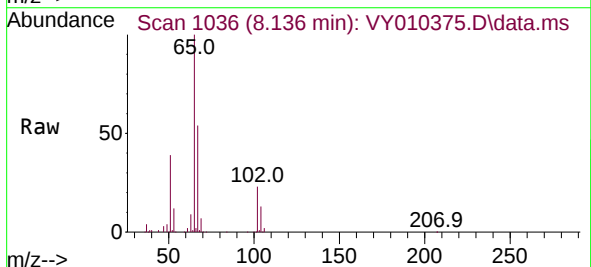
Instrument :
MSVOA_Y
ClientSampleId :
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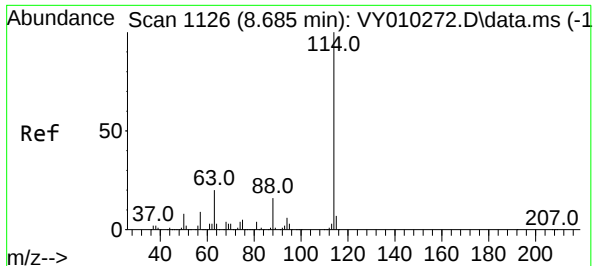
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 53.343 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

Tgt Ion: 65 Resp: 125159
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

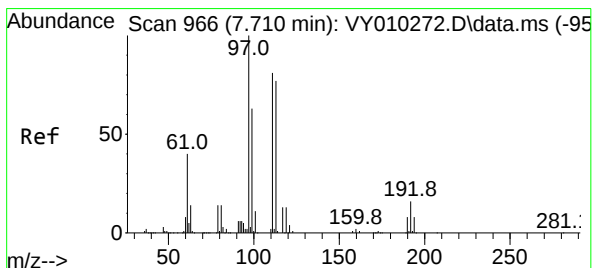
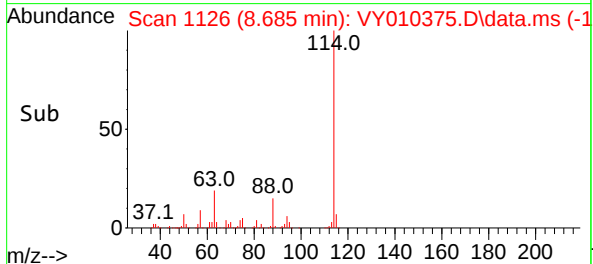
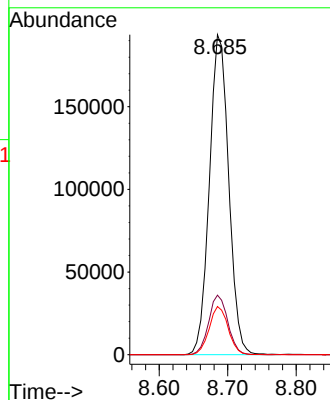
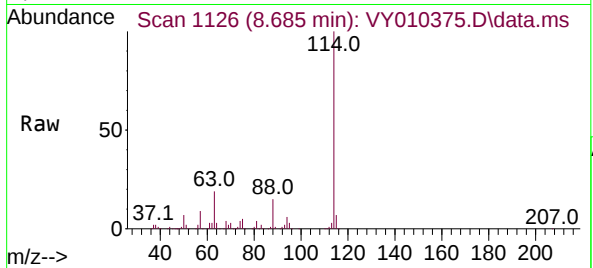




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

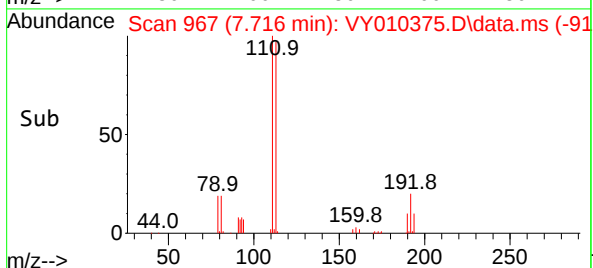
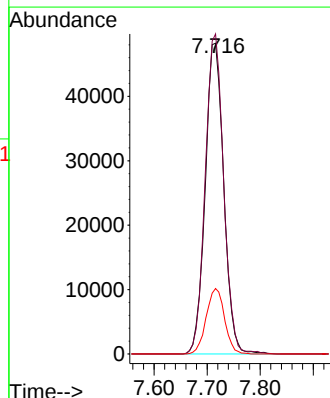
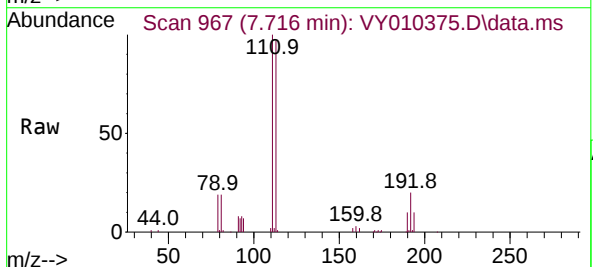
Instrument :
MSVOA_Y
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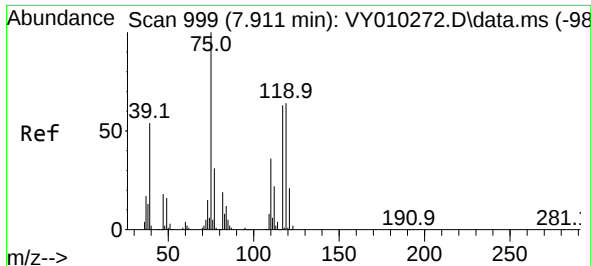
Tgt Ion:114 Resp: 379732
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.322 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

Tgt Ion:113 Resp: 117100
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.8 17.6 26.4

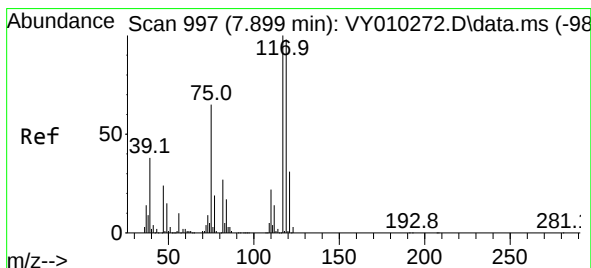
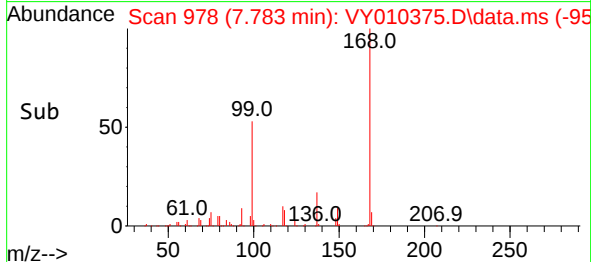
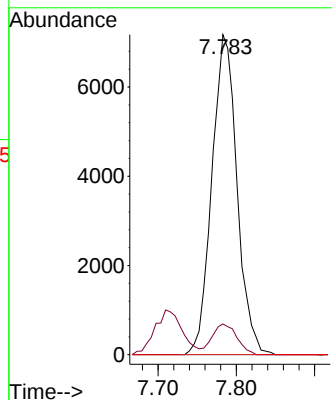
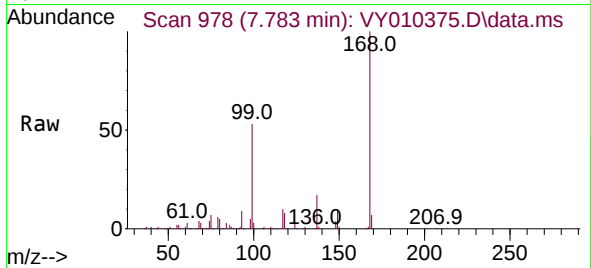




#36
1,1-Dichloropropene
Concen: 4.305 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

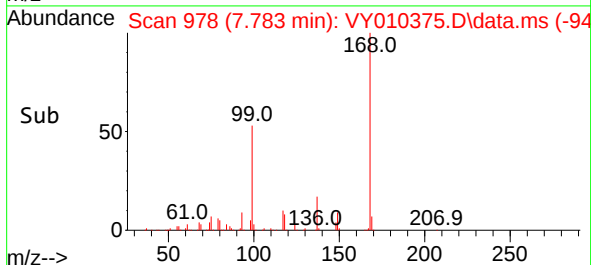
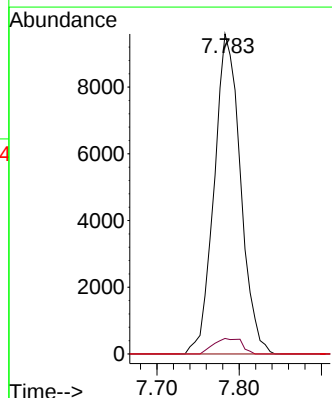
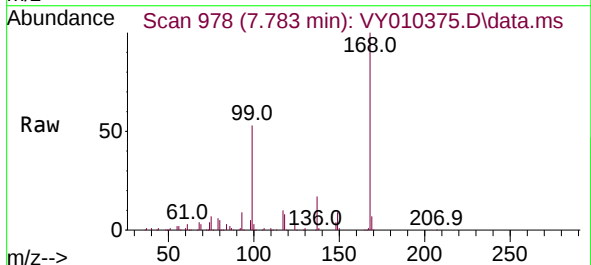
Instrument :
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ClientSampleId :
BEACONPOINT-BF-VOC-09

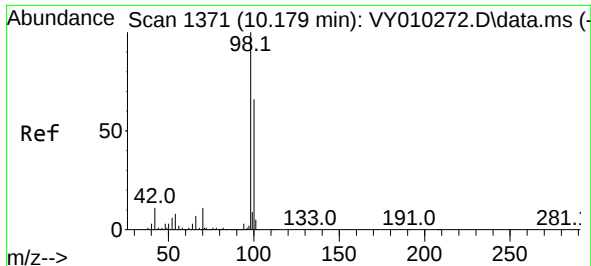
Tgt Ion: 75 Resp: 15967
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

Tgt Ion: 117 Resp: 21371
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

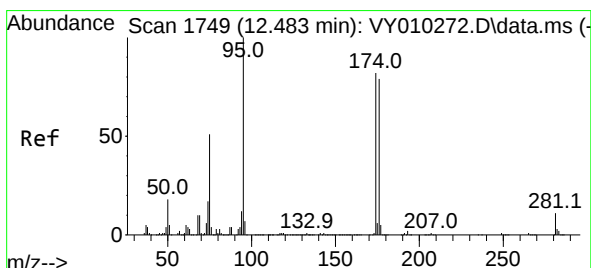
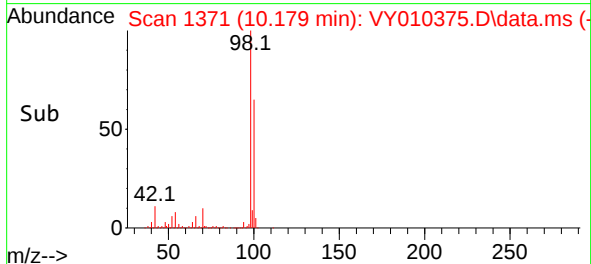
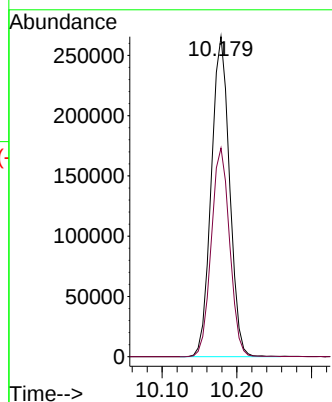
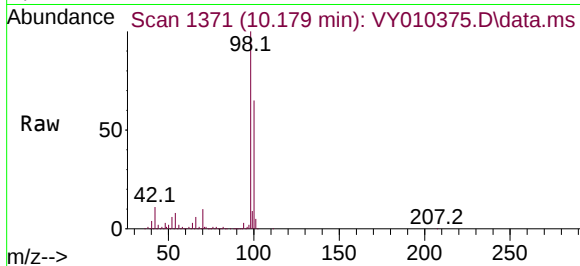




#50
Toluene-d8
Concen: 53.413 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

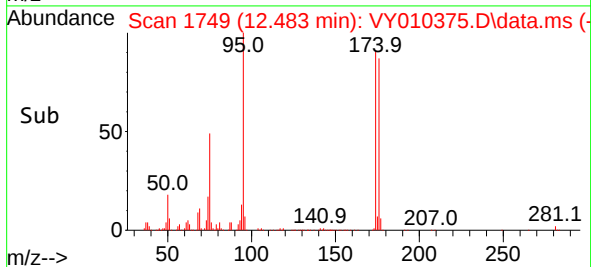
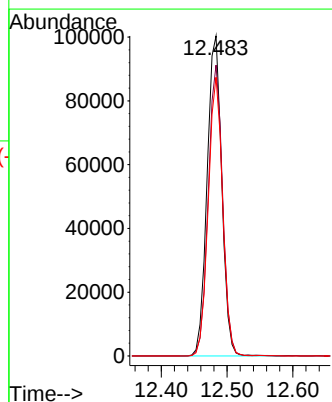
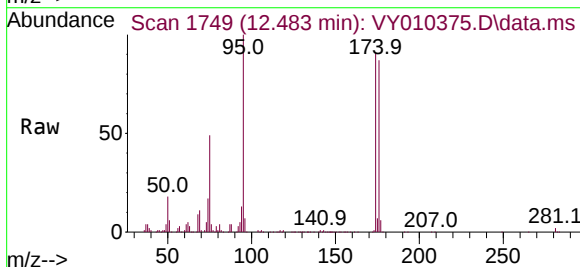
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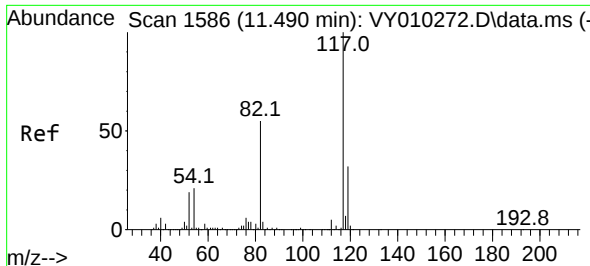
Tgt Ion: 98 Resp: 452067
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.319 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

Tgt Ion: 95 Resp: 155613
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 85.5 0.0 175.8

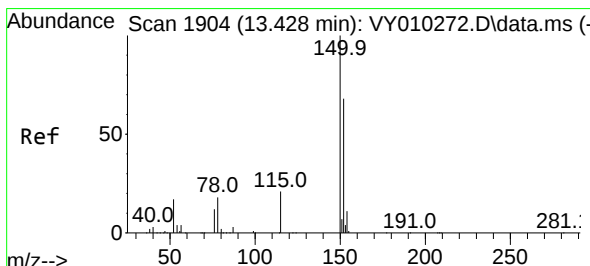
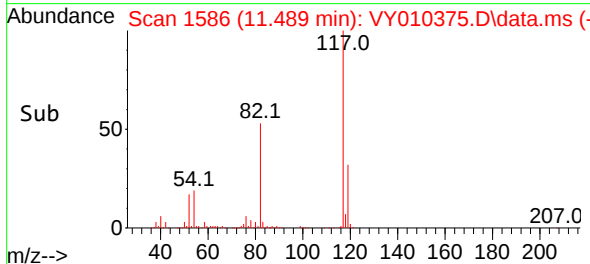
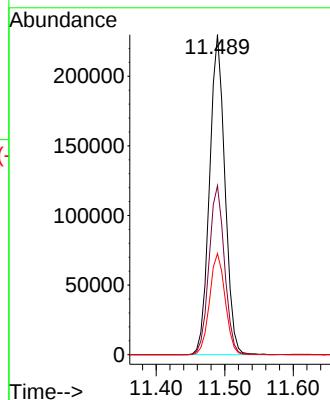
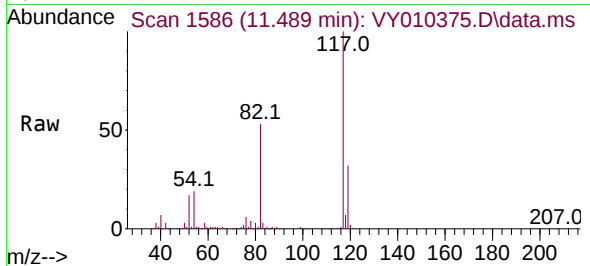




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

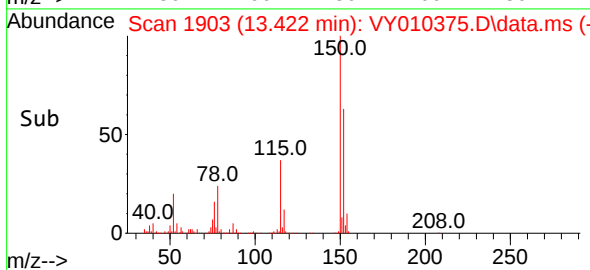
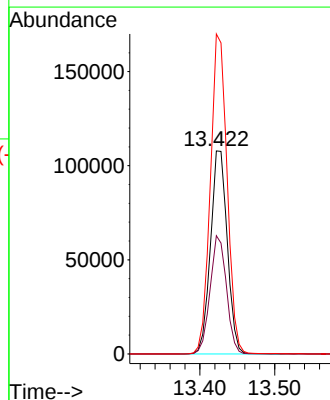
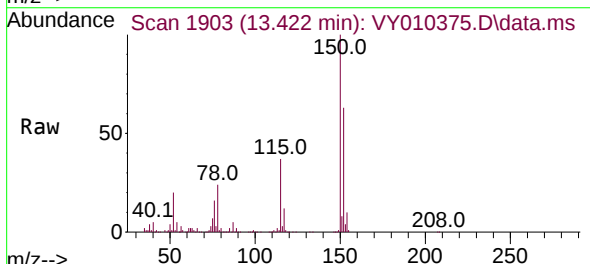
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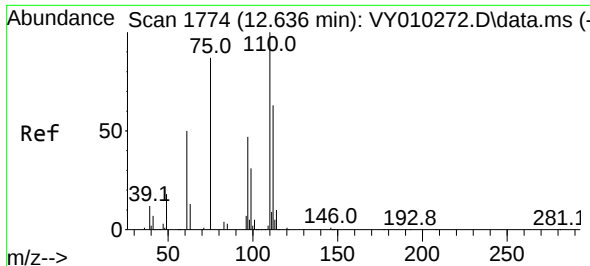
Tgt Ion:117 Resp: 358263
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010375.D
Acq: 07 Sep 2022 16:24

Tgt Ion:152 Resp: 168757
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 156.8 0.0 347.6

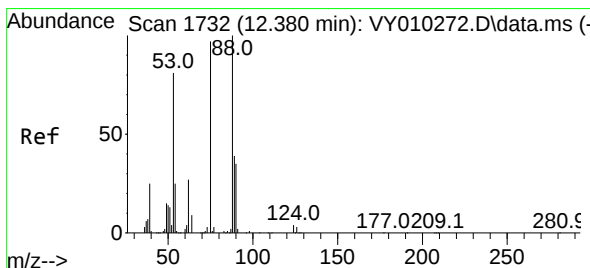
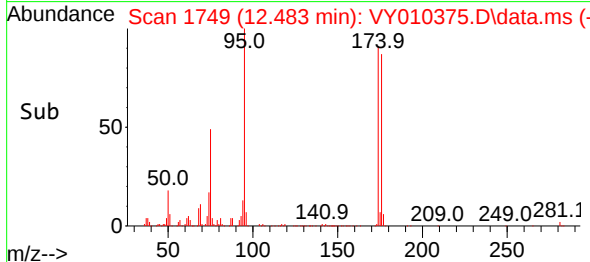
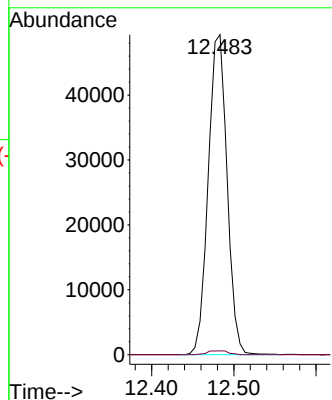
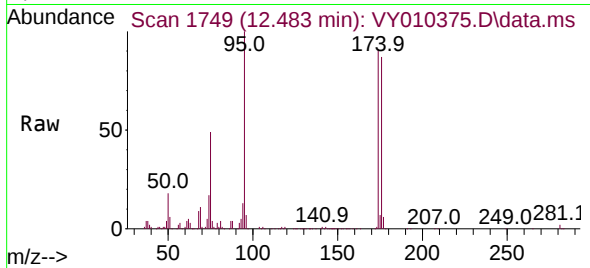




#76
 1,2,3-Trichloropropane
 Concen: 39.062 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010375.D
 Acq: 07 Sep 2022 16:24

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 78447
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.487 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY010375.D
 Acq: 07 Sep 2022 16:24

Tgt Ion: 75 Resp: 78447
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

