

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013132.D
 Acq On : 29 Mar 2023 13:42
 Operator : KP/MD
 Sample : 02117-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-032823

Quant Time: Mar 29 23:32:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

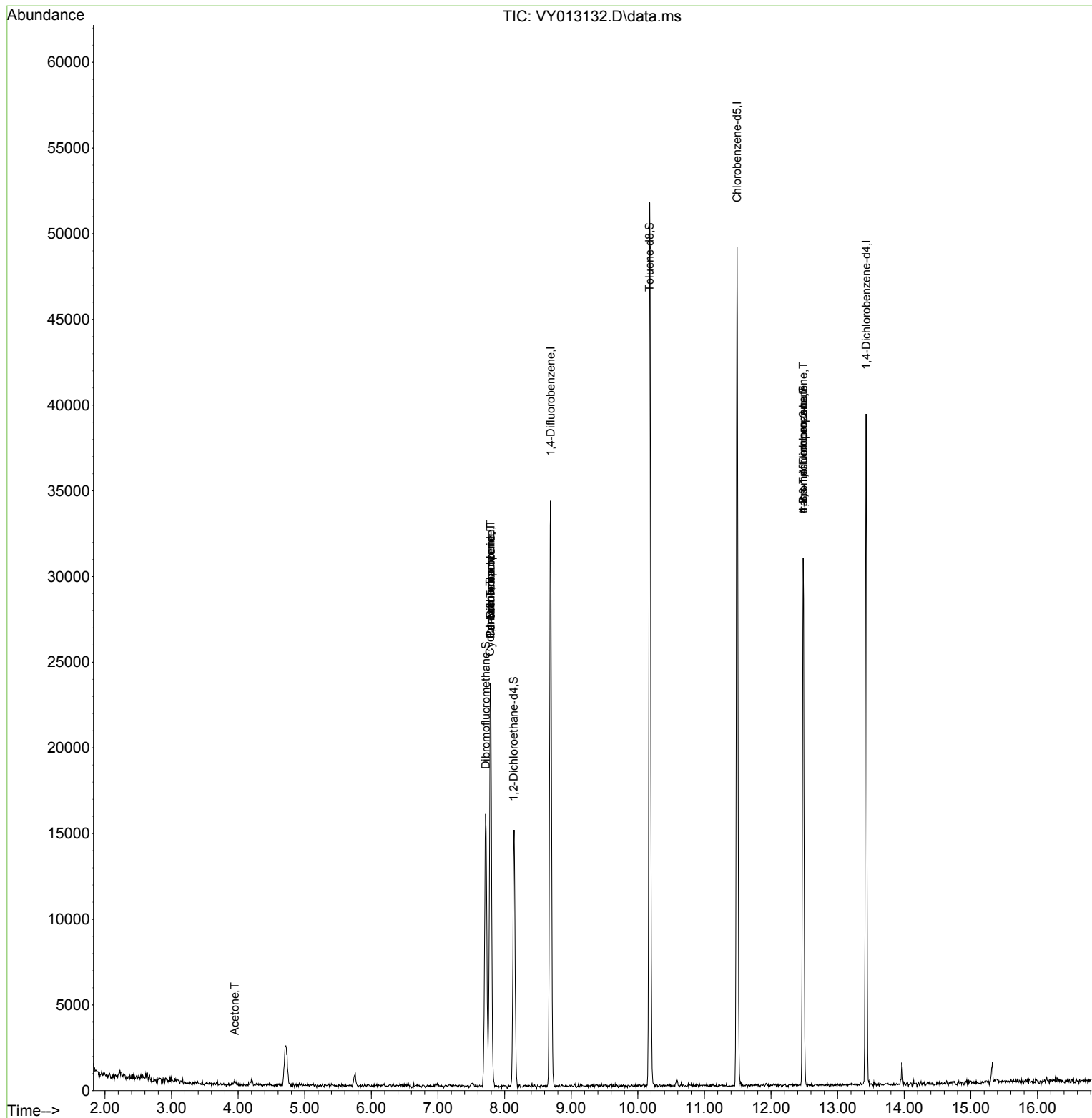
Internal Standards						
1) Pentafluorobenzene	7.789	168	18613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	26342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11738	63.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.040%			
35) Dibromofluoromethane	7.716	113	11139	63.736	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.480%			
50) Toluene-d8	10.179	98	34362	53.782	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.560%			
62) 4-Bromofluorobenzene	12.483	95	9411	43.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.280%			
Target Compounds						
16) Acetone	3.948	43	486	6.700	ug/l #	87
20) Methylene Chloride	4.710	84	995	Below Cal		96
31) Cyclohexane	7.783	56	368	1.040	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	1460	4.985	ug/l #	43
38) Carbon Tetrachloride	7.789	117	1789	5.915	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4795	39.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4795	81.954	ug/l #	13

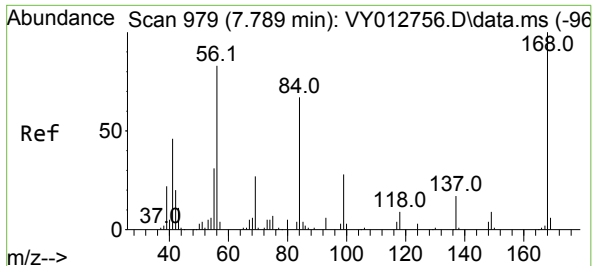
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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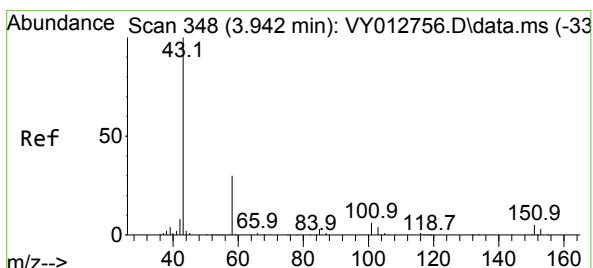
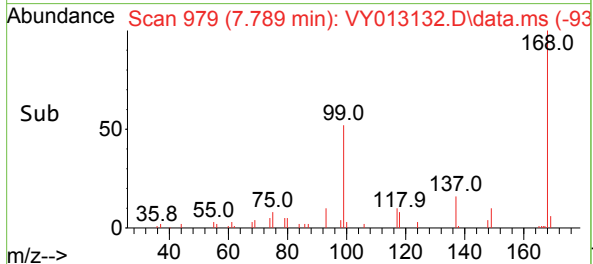
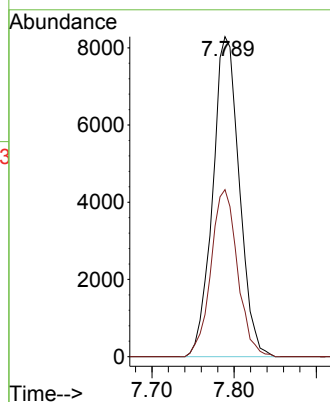
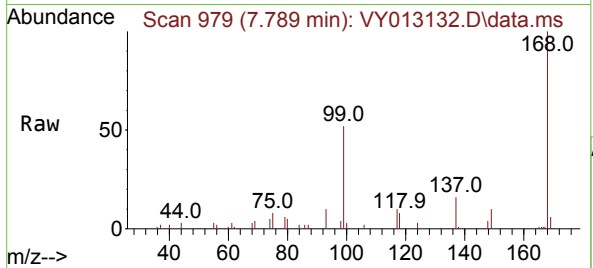




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

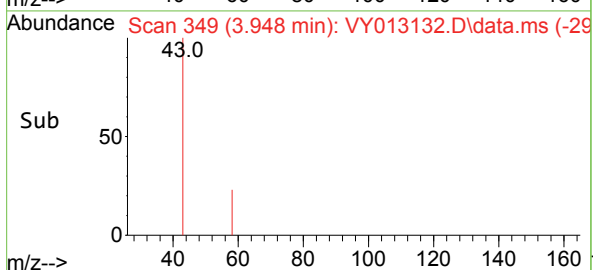
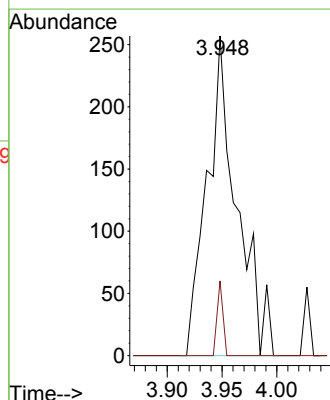
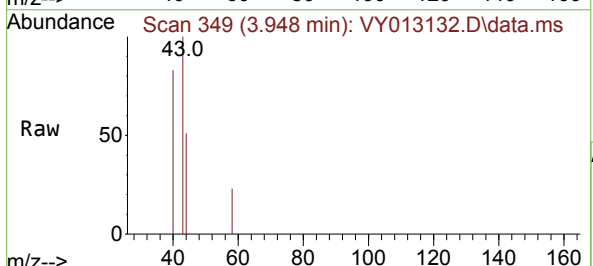
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-032823

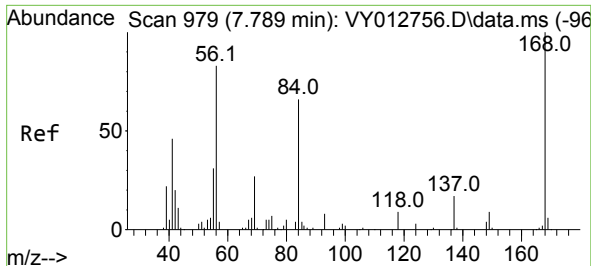
Tgt Ion:168 Resp: 18613
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#16
Acetone
Concen: 6.700 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 23.3 24.2 36.2#

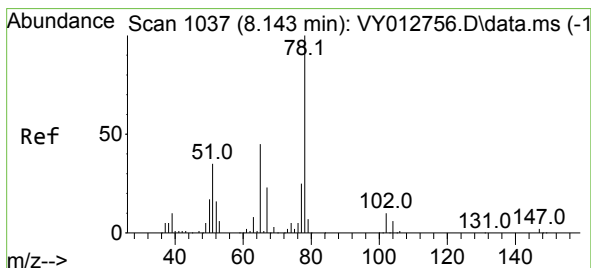
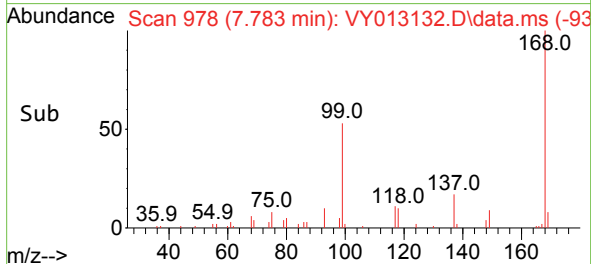
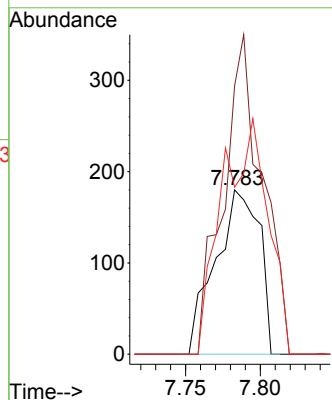
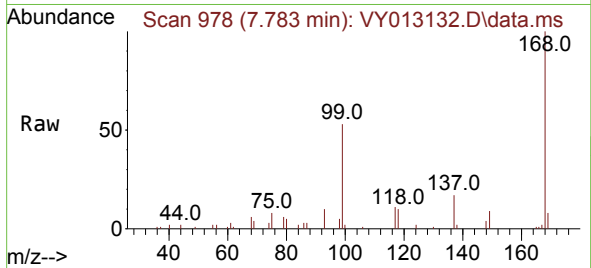




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

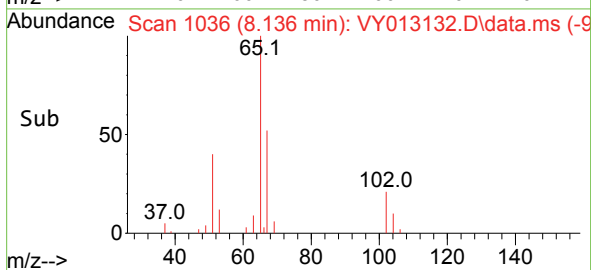
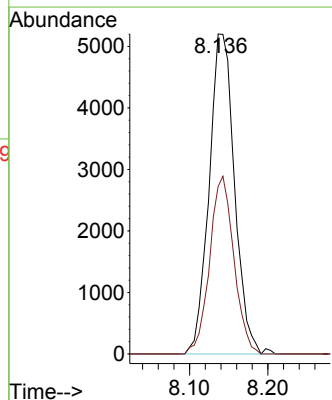
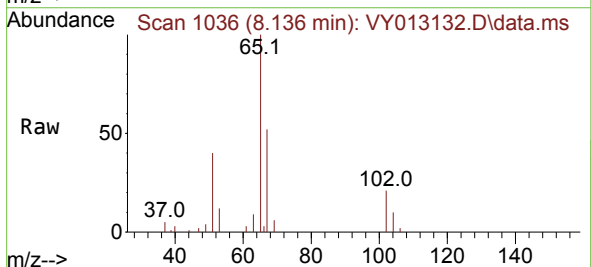
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-032823

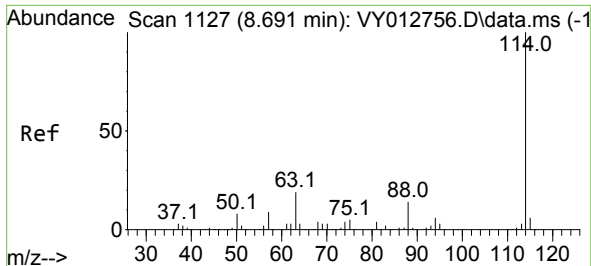
Tgt Ion: 56 Resp: 368
Ion Ratio Lower Upper
56 100
69 163.3 25.7 38.5#
84 101.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 63.516 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Tgt Ion: 65 Resp: 11738
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

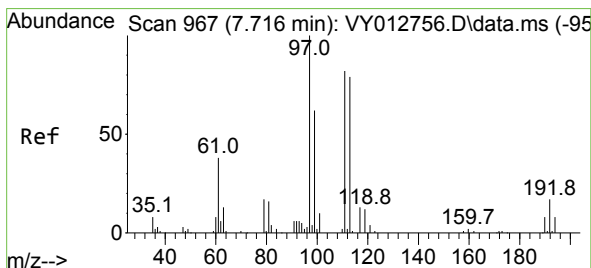
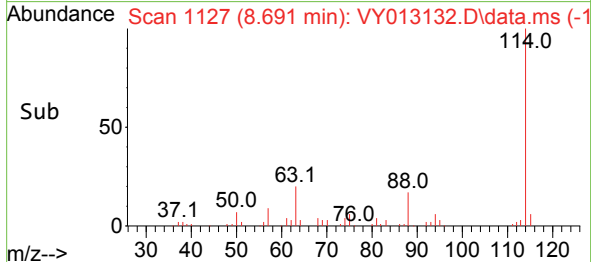
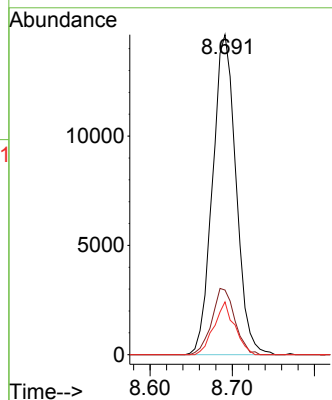
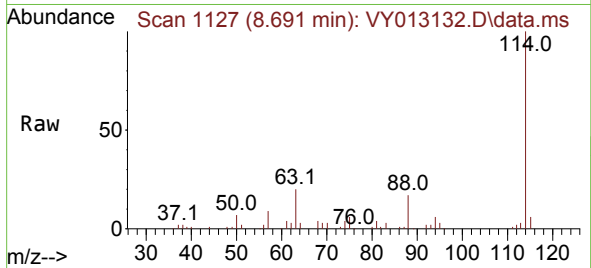




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

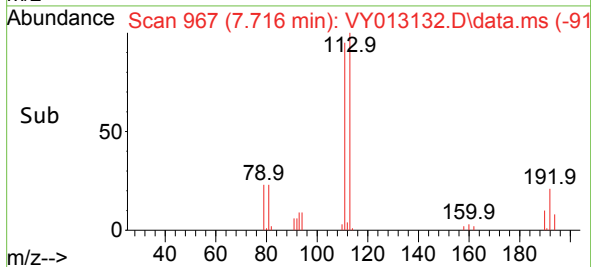
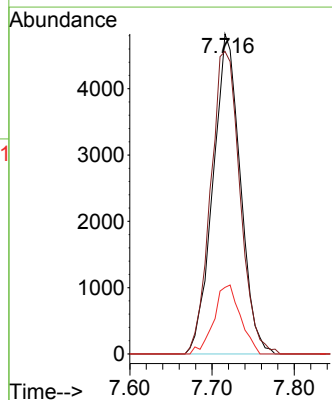
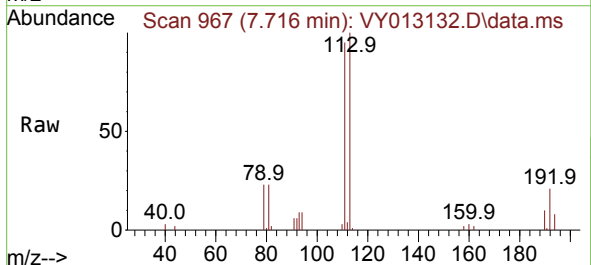
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-032823

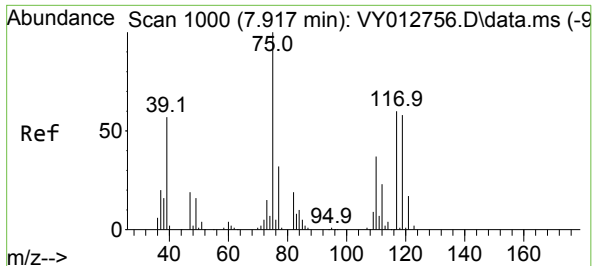
Tgt Ion:114 Resp: 28959
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 16.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 63.736 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Tgt Ion:113 Resp: 11139
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013132.D

Acq: 29 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-032823

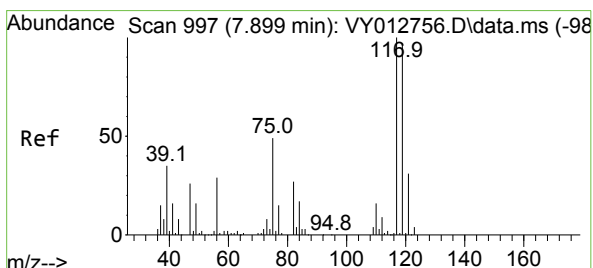
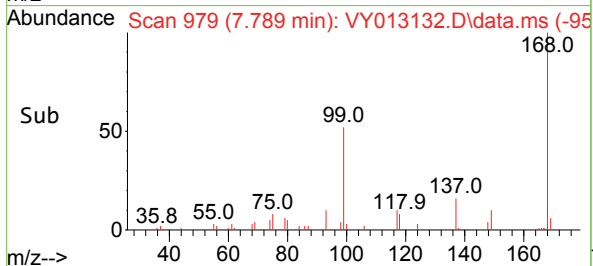
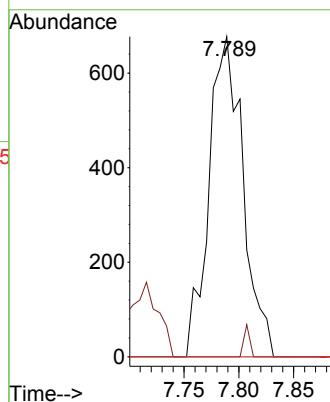
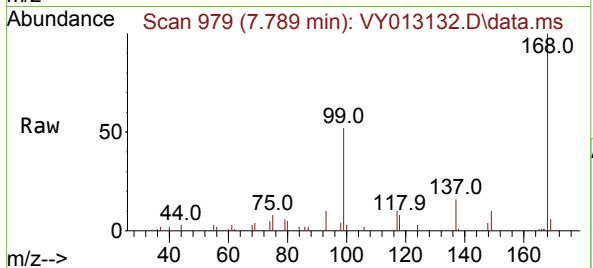
Tgt Ion: 75 Resp: 1460

Ion Ratio Lower Upper

75 100

110 1.7 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.915 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013132.D

Acq: 29 Mar 2023 13:42

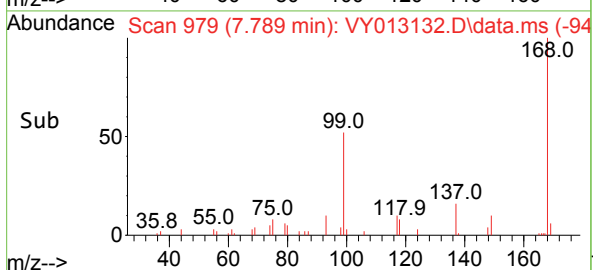
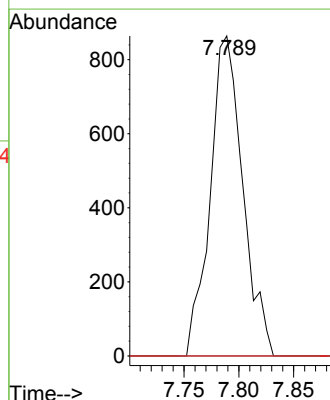
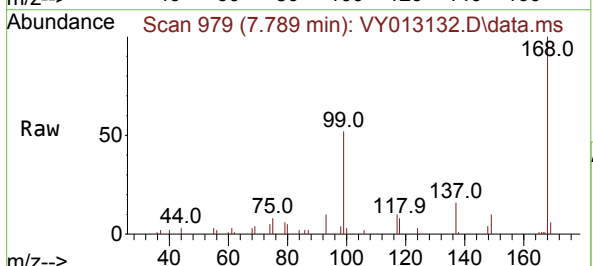
Tgt Ion: 117 Resp: 1789

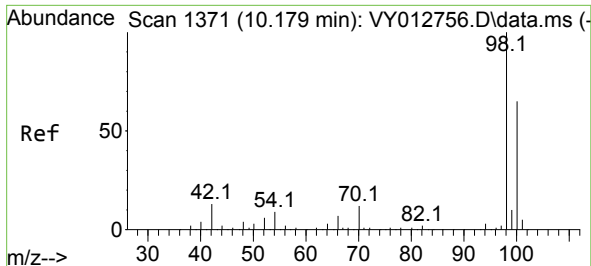
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#

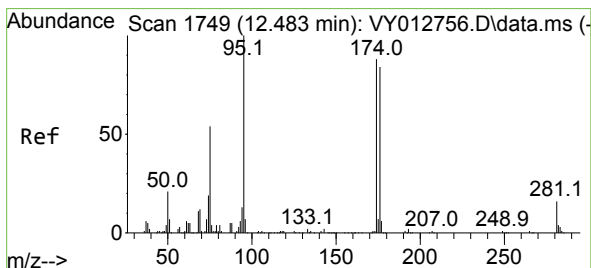
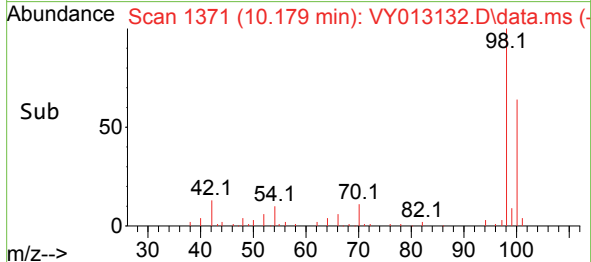
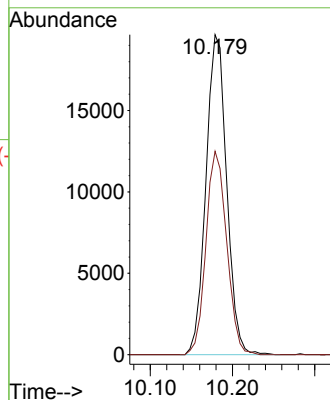
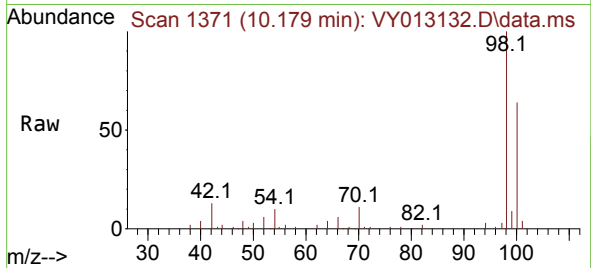




#50
Toluene-d8
Concen: 53.782 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

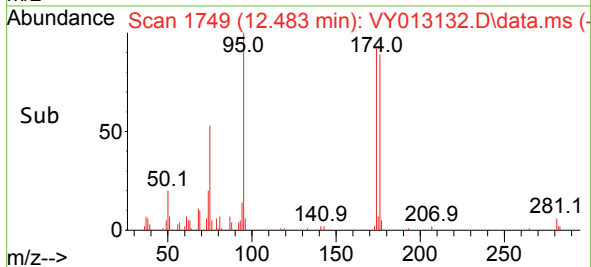
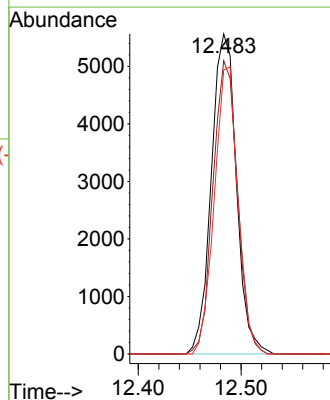
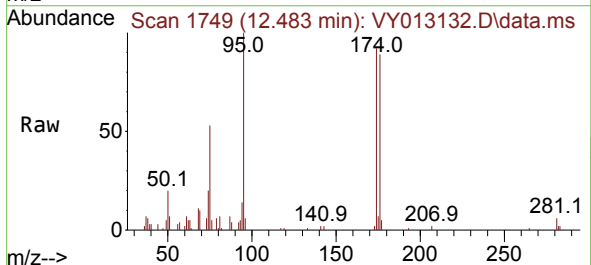
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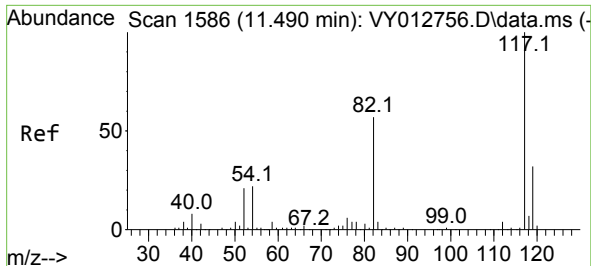
Tgt Ion: 98 Resp: 34362
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.640 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Tgt Ion: 95 Resp: 9411
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 85.1 0.0 170.2

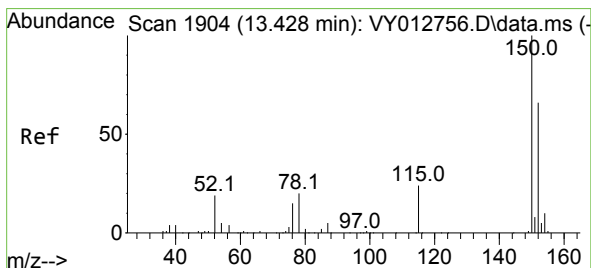
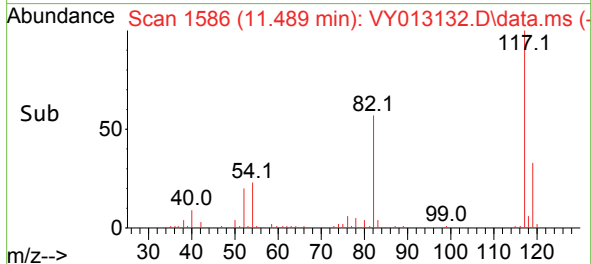
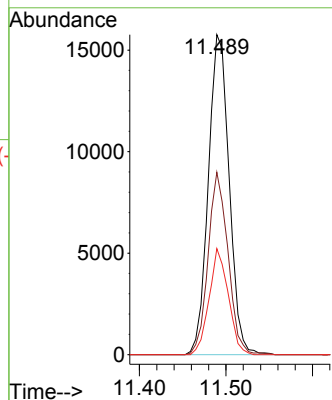
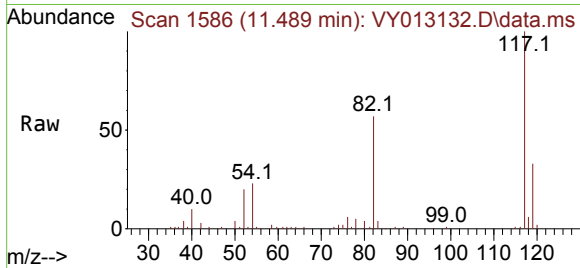




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

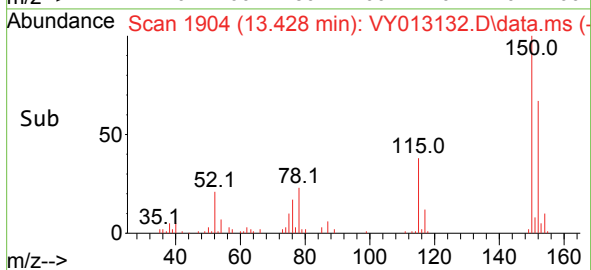
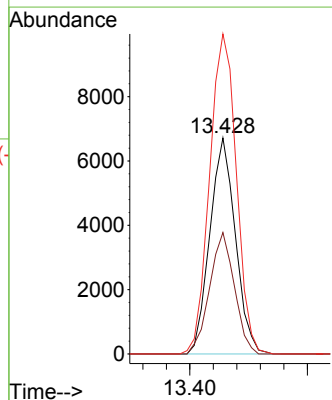
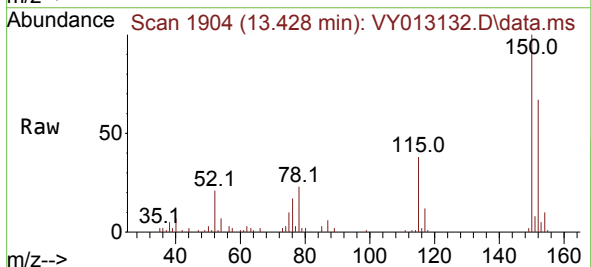
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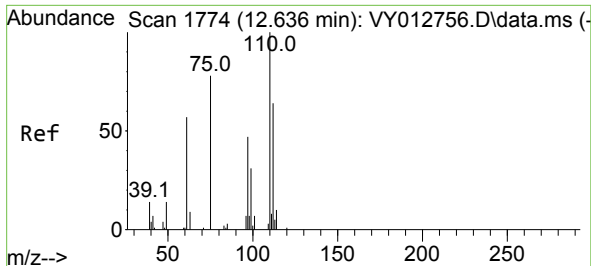
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.0
119	33.1	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.1	81.3
150	154.8	0.0	347.8

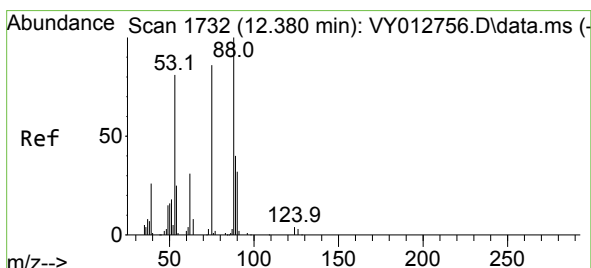
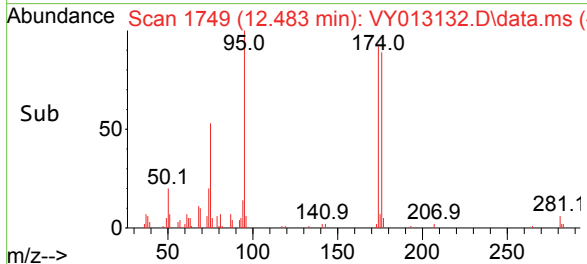
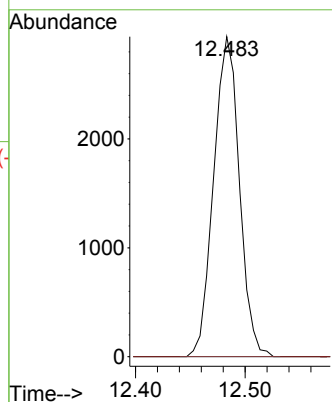
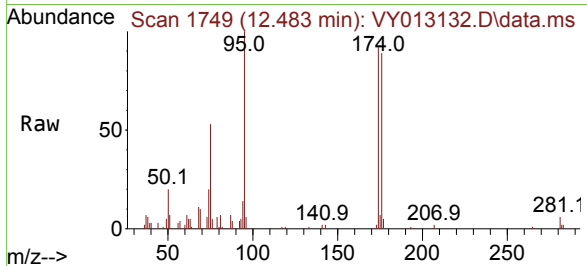




#76
1,2,3-Trichloropropane
Concen: 39.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-032823

Tgt Ion: 75 Resp: 4795
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 81.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013132.D
Acq: 29 Mar 2023 13:42

Tgt Ion: 75 Resp: 4795
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

