

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012802.D
 Acq On : 03 Mar 2023 17:34
 Operator : KP/MD
 Sample : 01749-08
 Misc : 6.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-10

Quant Time: Mar 04 01:25:57 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)

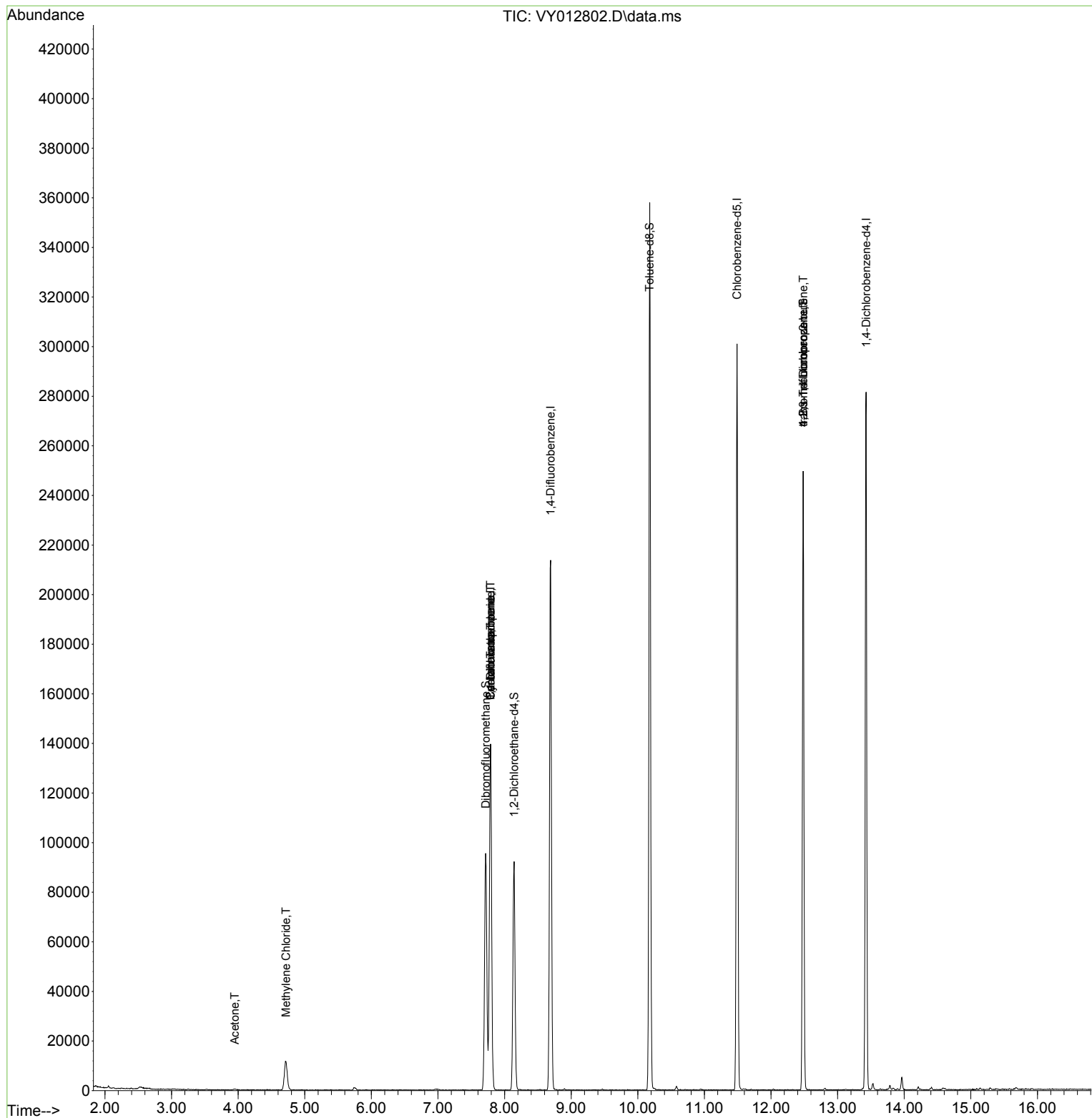
Internal Standards						
1) Pentafluorobenzene	7.789	168	111653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68801	62.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.120%	
35) Dibromofluoromethane	7.716	113	66390	59.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.380%	
50) Toluene-d8	10.179	98	223722	55.020	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.483	95	69142	50.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	44	Below Cal	#	74
16) Acetone	3.948	43	635	1.459	ug/l	100
20) Methylene Chloride	4.716	84	8824	1.426	ug/l	96
31) Cyclohexane	7.789	56	2497	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8373	4.492	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10716	5.567	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	36600	42.842	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36600	88.770	ug/l #	13

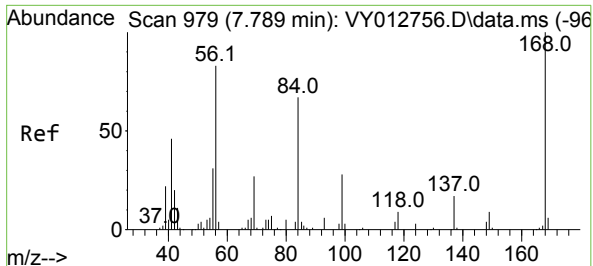
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Mar 04 01:25:57 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

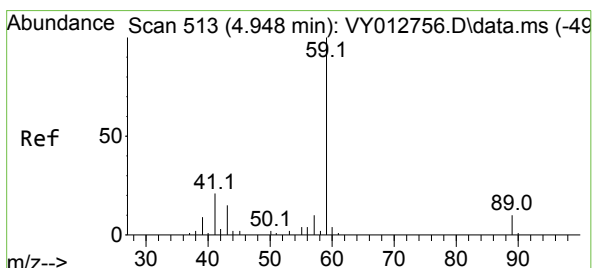
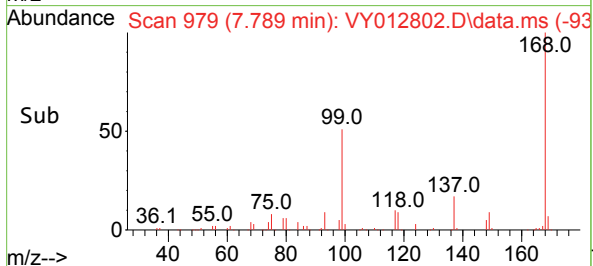
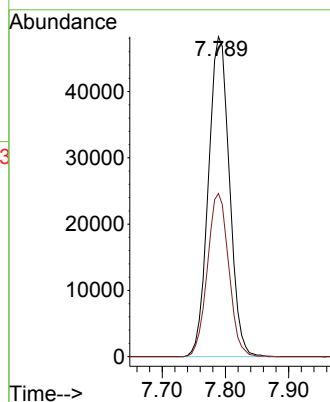
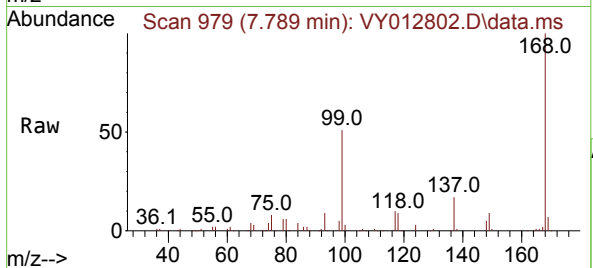




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

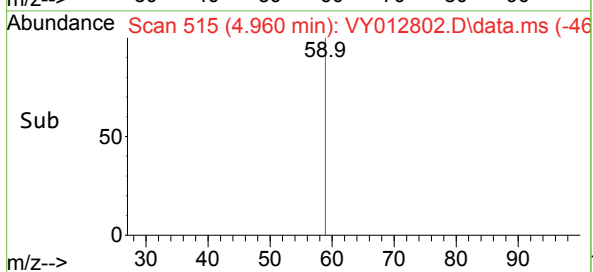
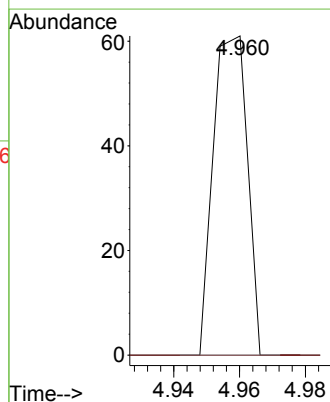
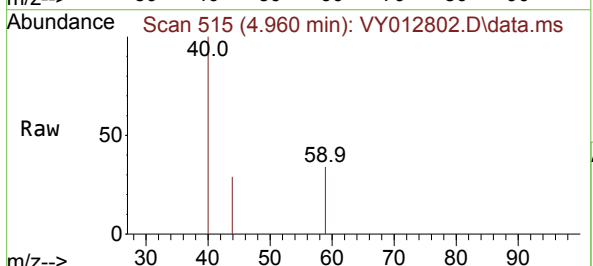
Instrument :
MSVOA_Y
ClientSampleId :
CF-10

Tgt Ion:168 Resp: 111653
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

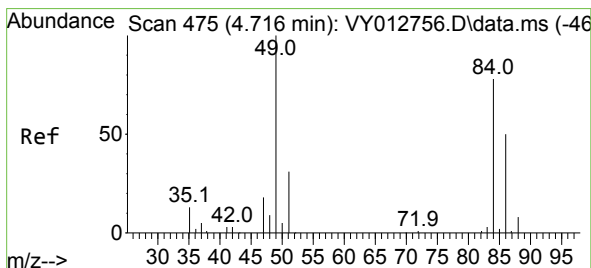
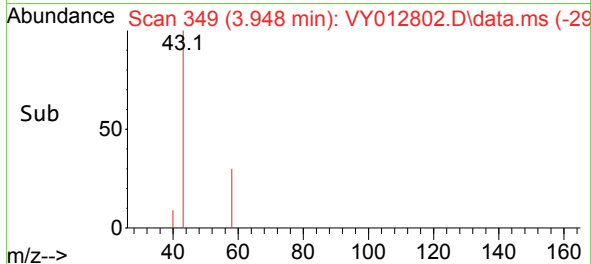
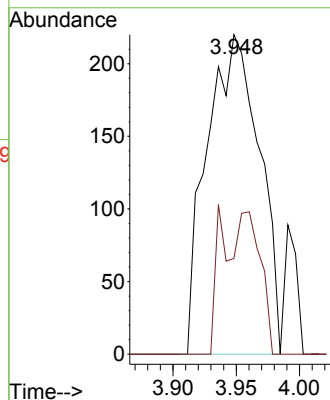
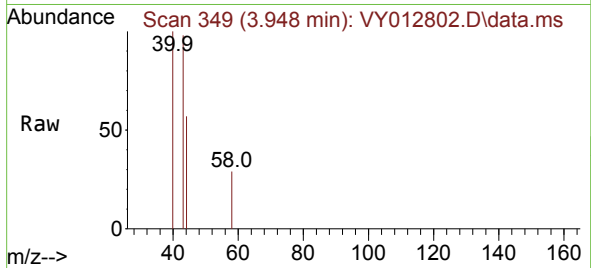




#16
Acetone
Concen: 1.459 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

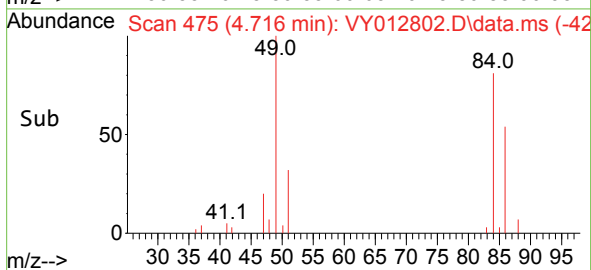
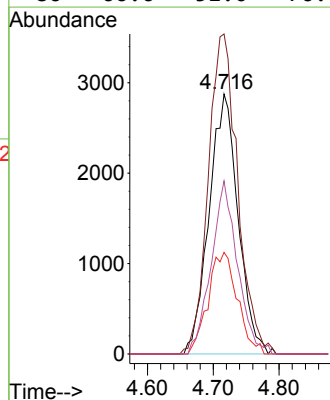
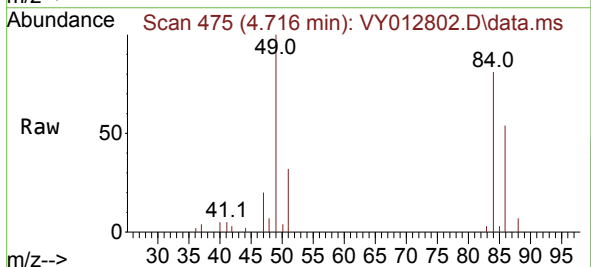
Instrument :
MSVOA_Y
ClientSampleId :
CF-10

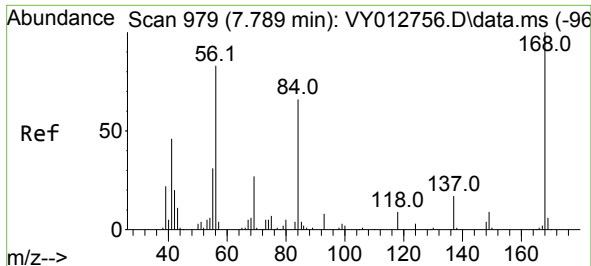
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2



#20
Methylene Chloride
Concen: 1.426 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion: 84 Resp: 8824
Ion Ratio Lower Upper
84 100
49 123.2 102.6 154.0
51 39.1 31.9 47.9
86 66.6 51.0 76.6

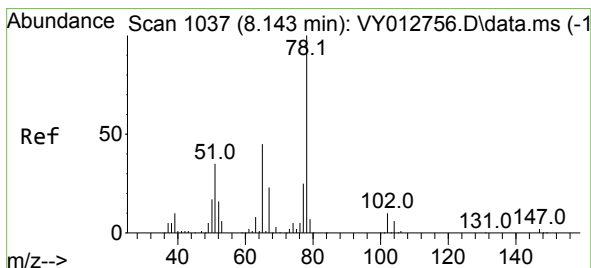
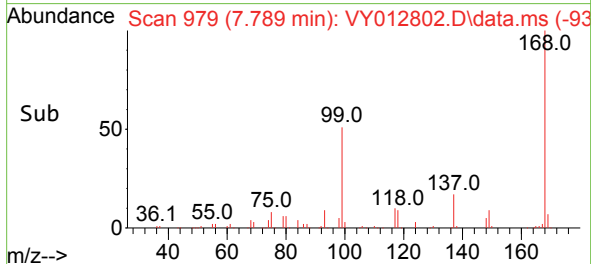
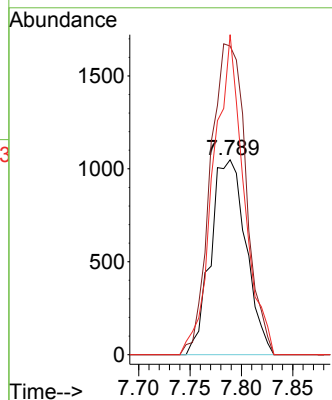
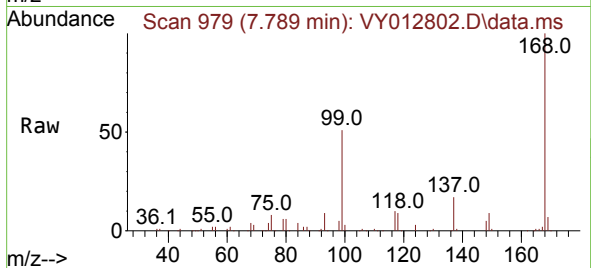




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

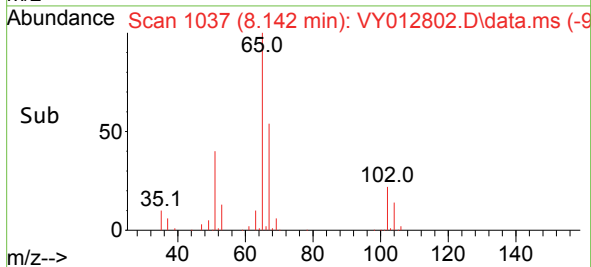
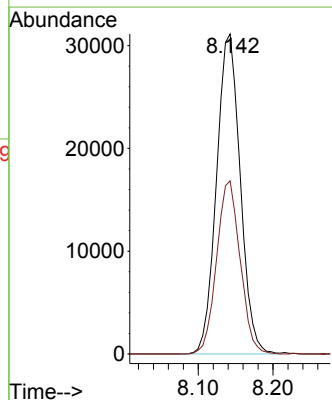
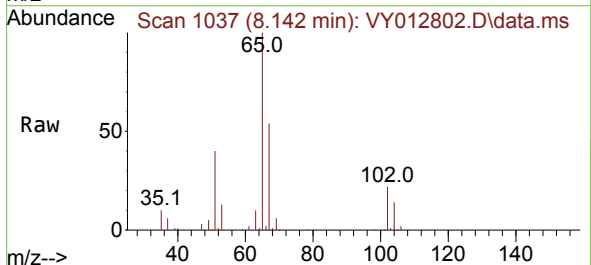
Instrument :
MSVOA_Y
ClientSampleId :
CF-10

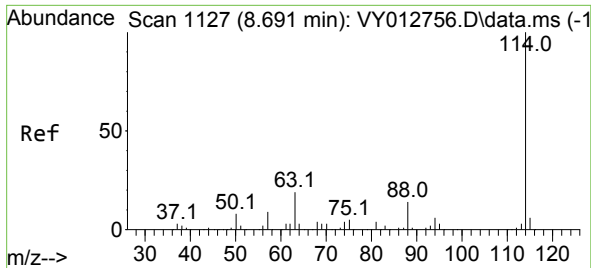
Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 158.3 25.7 38.5#
84 164.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.063 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion: 65 Resp: 68801
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.0

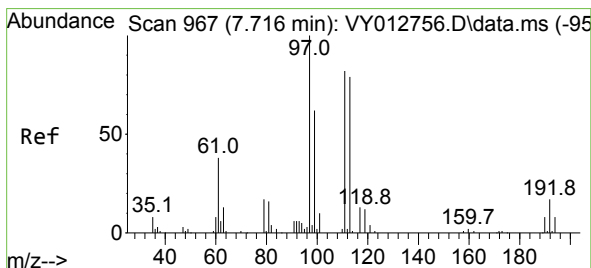
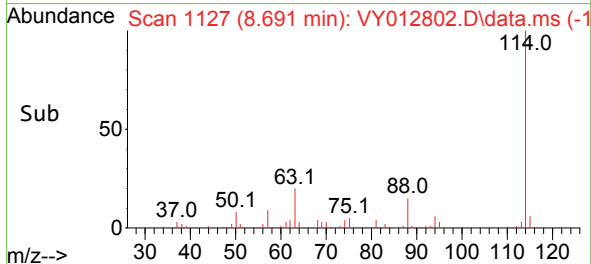
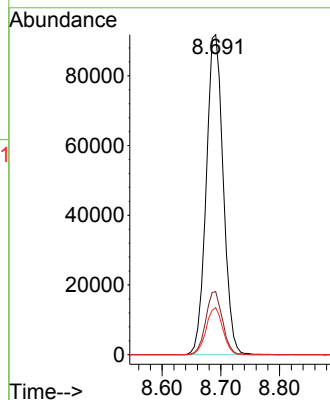
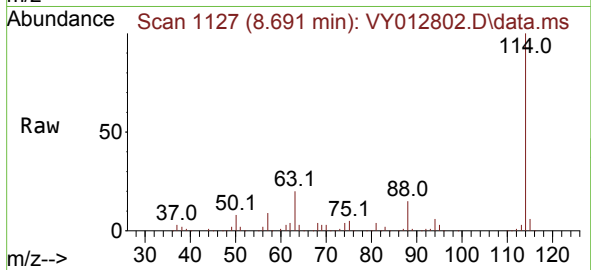




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

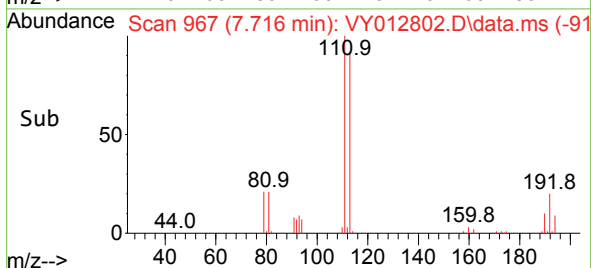
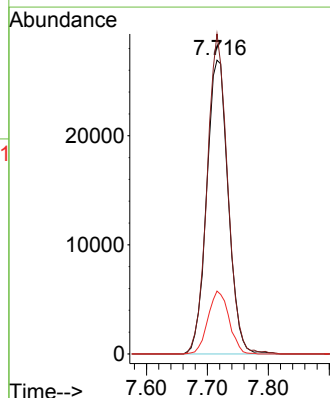
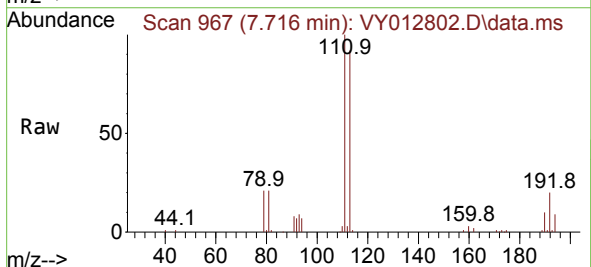
Instrument :
MSVOA_Y
ClientSampleId :
CF-10

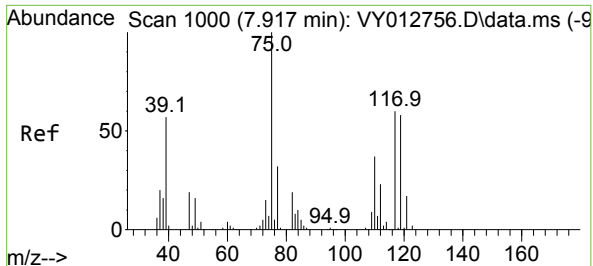
Tgt Ion:114 Resp: 184300
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.690 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion:113 Resp: 66390
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.492 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012802.D

Acq: 03 Mar 2023 17:34

Instrument :

MSVOA_Y

ClientSampleId :

CF-10

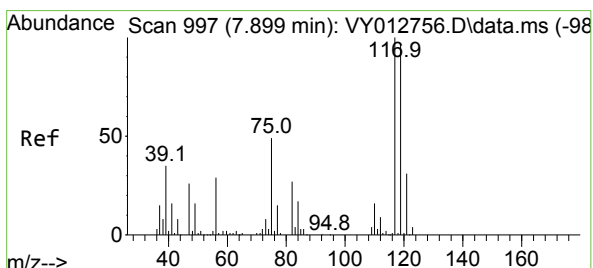
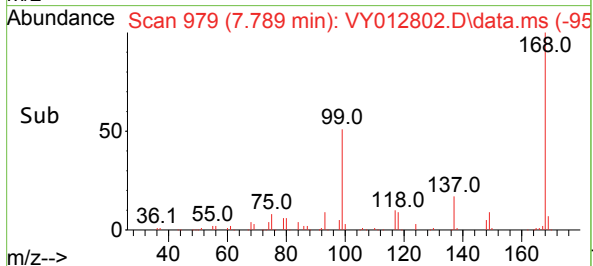
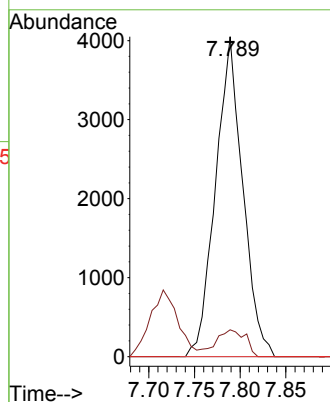
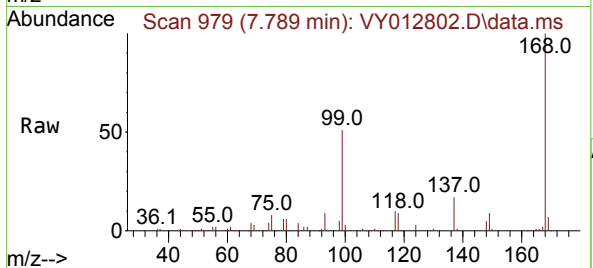
Tgt Ion: 75 Resp: 8373

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.567 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012802.D

Acq: 03 Mar 2023 17:34

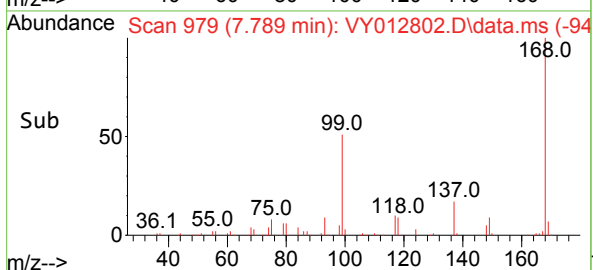
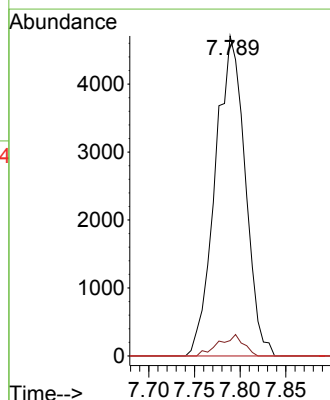
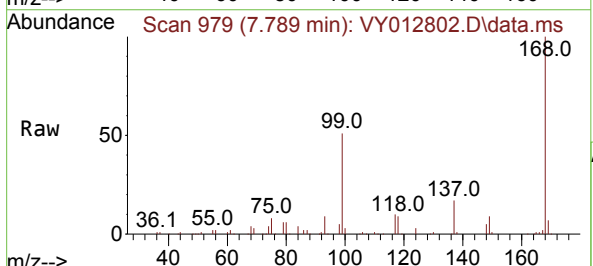
Tgt Ion: 117 Resp: 10716

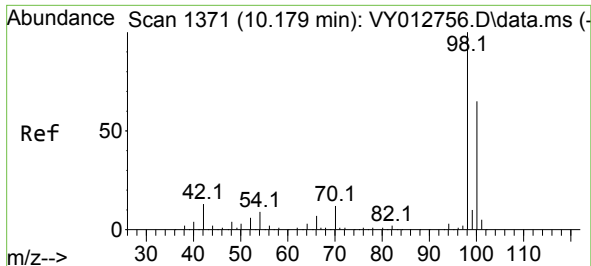
Ion Ratio Lower Upper

117 100

119 4.8 77.2 115.8#

121 0.0 24.7 37.1#

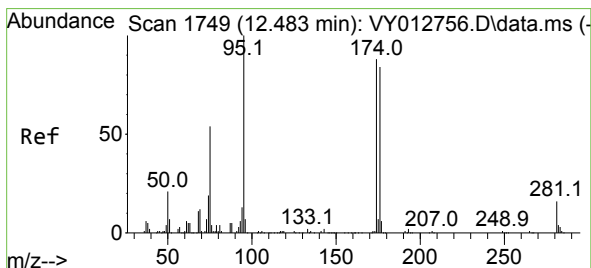
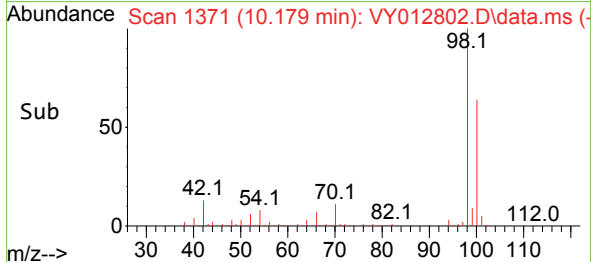
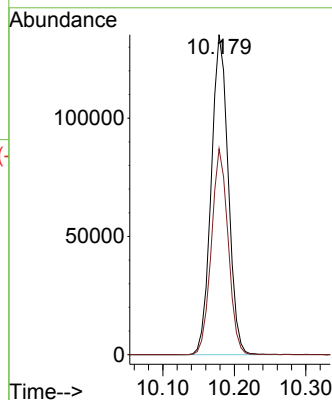
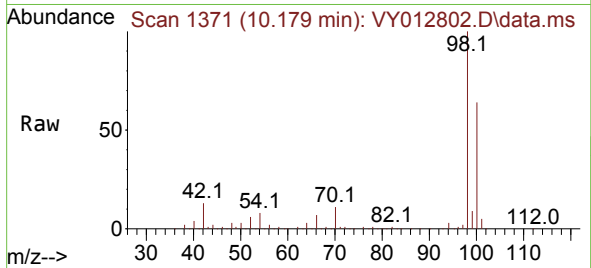




#50
Toluene-d8
Concen: 55.020 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

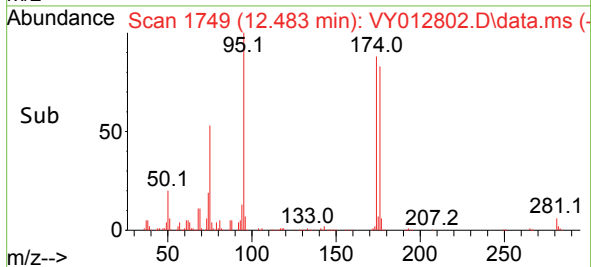
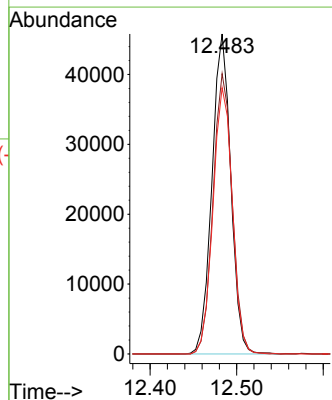
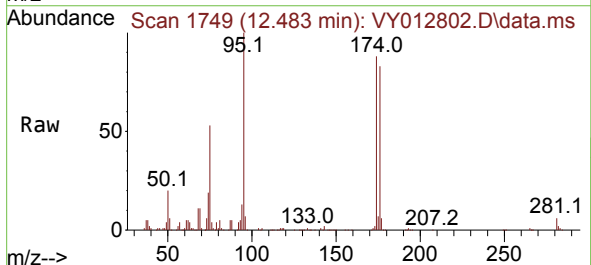
Instrument :
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CF-10

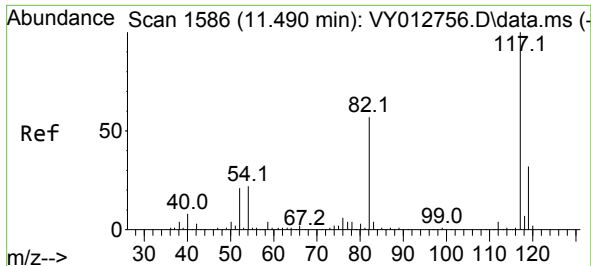
Tgt Ion: 98 Resp: 223722
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion: 95 Resp: 69142
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 85.8 0.0 170.2

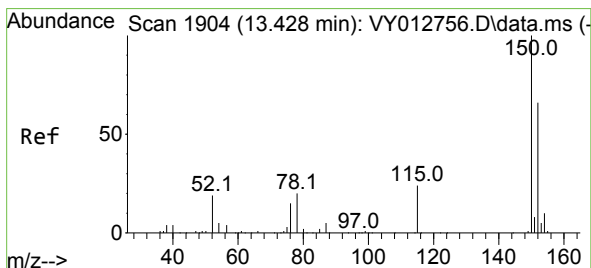
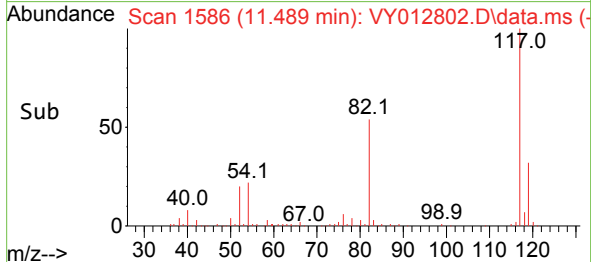
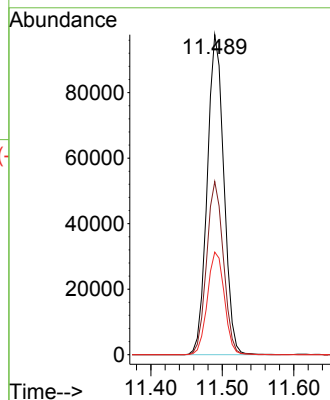
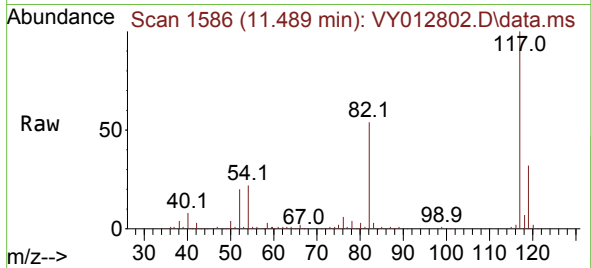




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

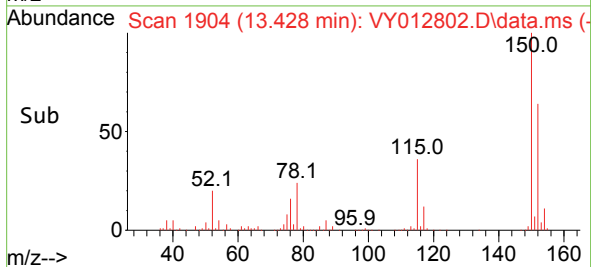
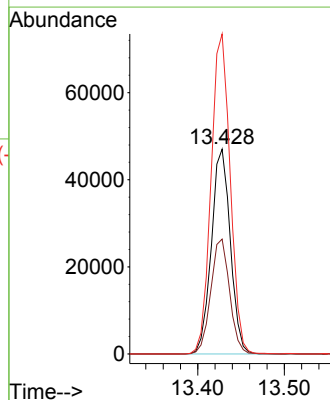
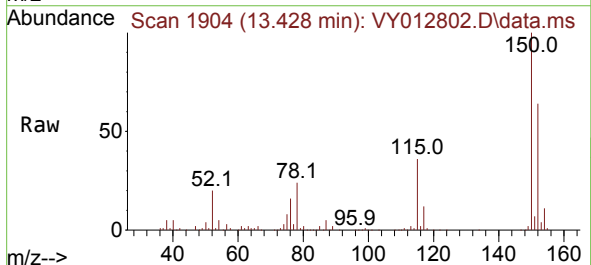
Instrument :
MSVOA_Y
ClientSampleId :
CF-10

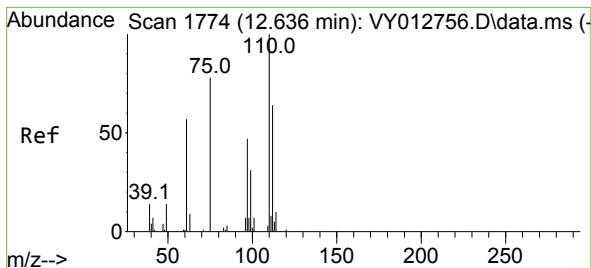
Tgt Ion:117 Resp: 157971
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion:152 Resp: 71540
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 157.3 0.0 347.8

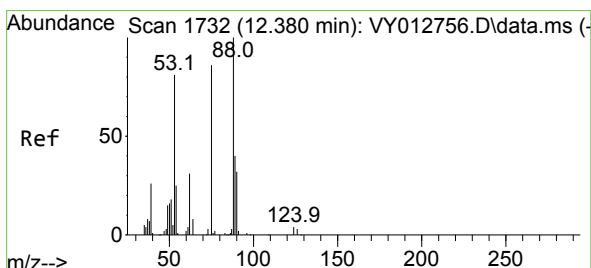
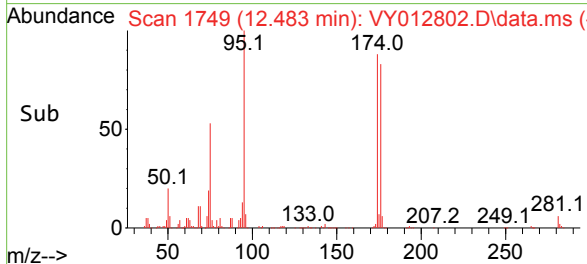
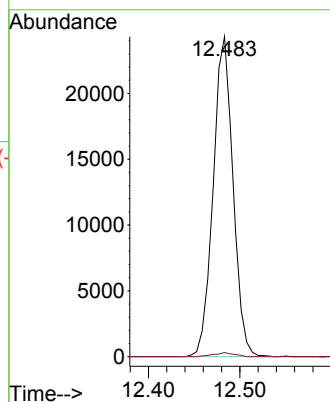
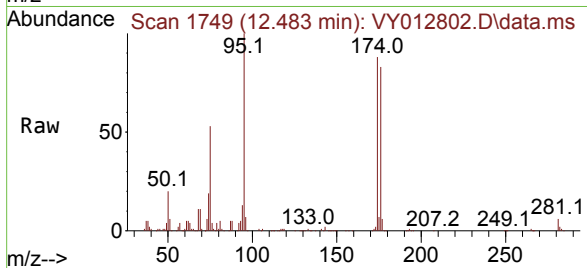




#76
1,2,3-Trichloropropane
Concen: 42.842 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Instrument :
MSVOA_Y
ClientSampleId :
CF-10

Tgt Ion: 75 Resp: 36600
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.770 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012802.D
Acq: 03 Mar 2023 17:34

Tgt Ion: 75 Resp: 36600
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

