

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012824.D
 Acq On : 06 Mar 2023 15:28
 Operator : KP/MD
 Sample : 01820-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-03032023

Quant Time: Mar 07 04:24:57 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)

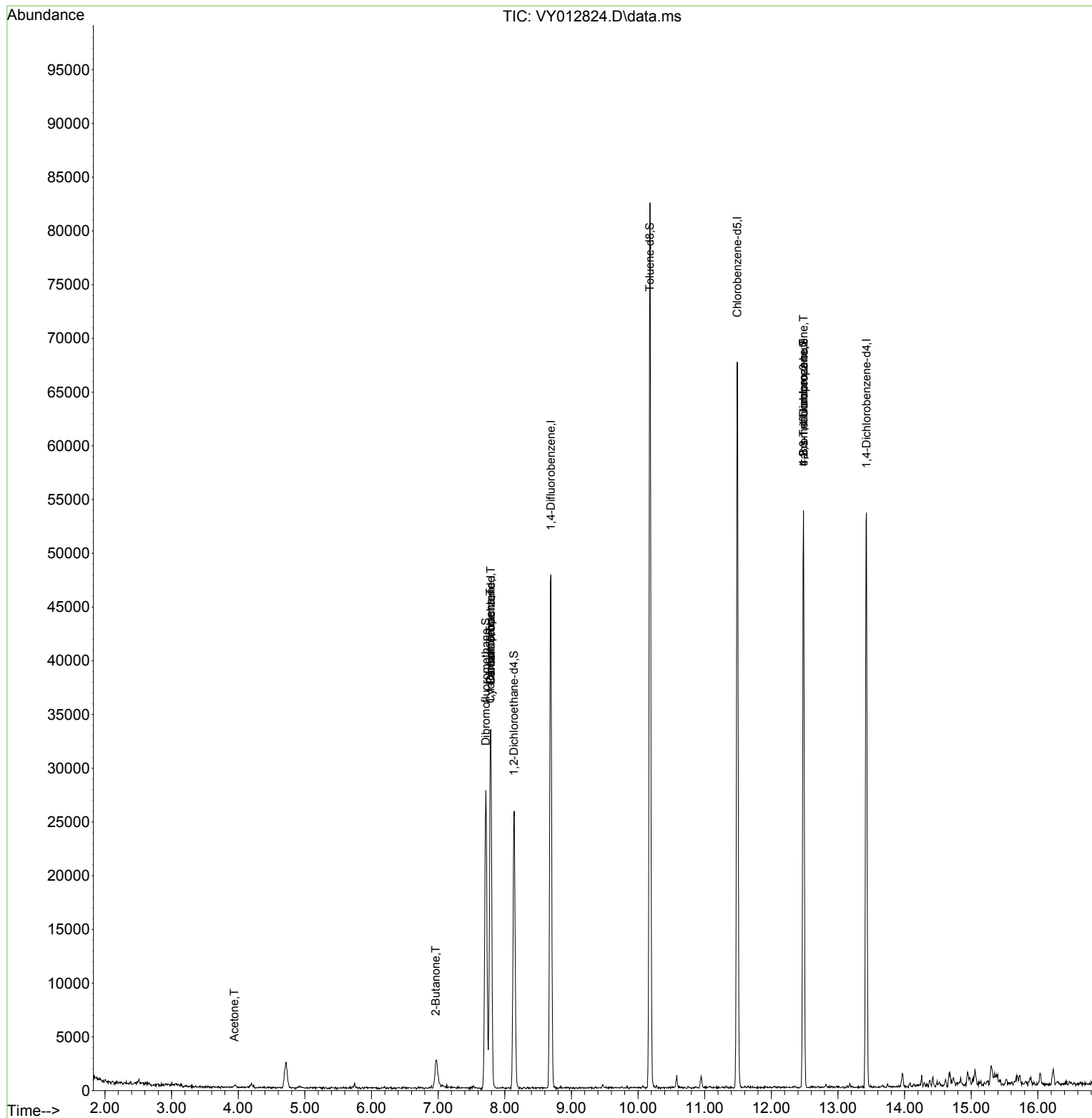
Internal Standards						
1) Pentafluorobenzene	7.789	168	27016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19915	74.245	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.480%			
35) Dibromofluoromethane	7.716	113	19467	78.330	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 156.660%#			
50) Toluene-d8	10.179	98	53827	59.244	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.480%			
62) 4-Bromofluorobenzene	12.483	95	15554	50.720	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.440%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	68	Below Cal	#	74
16) Acetone	3.942	43	402	3.818	ug/l #	44
25) 2-Butanone	6.966	43	135	1.035	ug/l #	49
31) Cyclohexane	7.783	56	641	1.248	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	2000	4.802	ug/l #	43
38) Carbon Tetrachloride	7.789	117	2528	5.878	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	8072	46.541	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8072	96.434	ug/l #	13

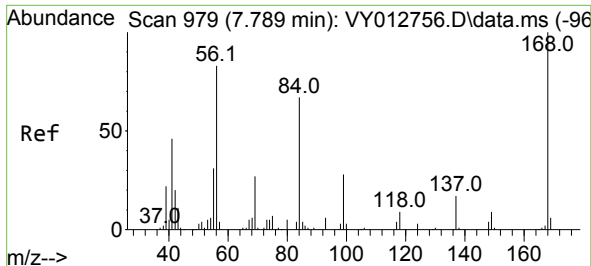
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
Data File : VY012824.D
Acq On : 06 Mar 2023 15:28
Operator : KP/MD
Sample : 01820-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

Quant Time: Mar 07 04:24:57 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

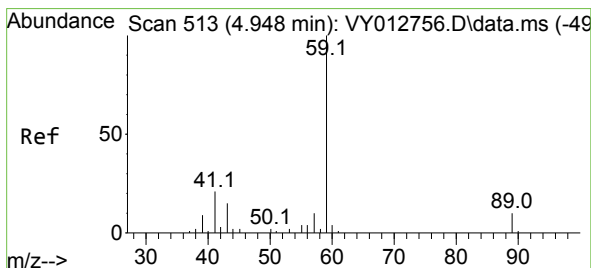
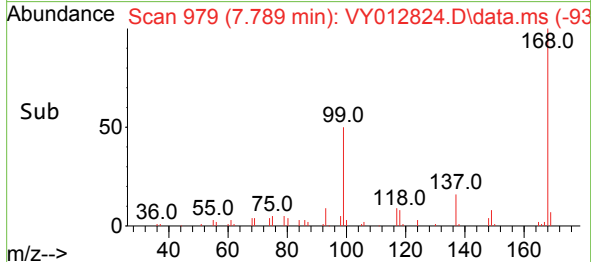
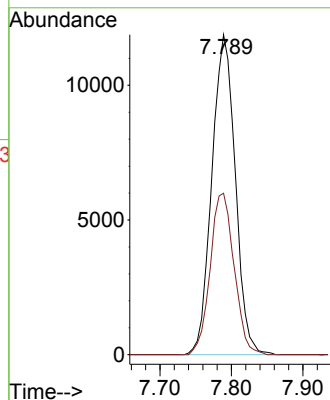
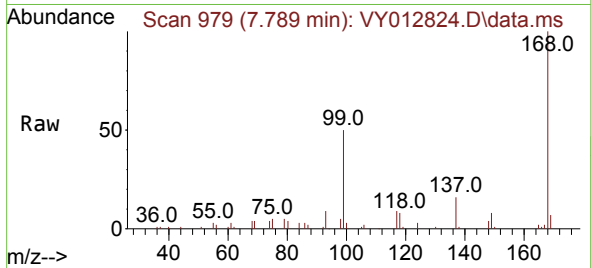




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

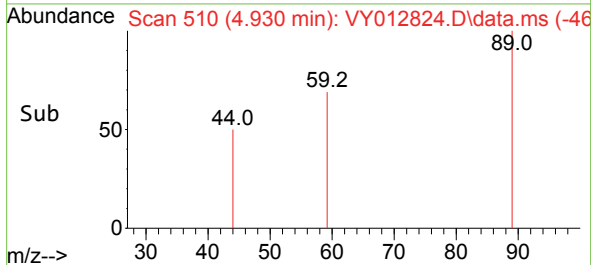
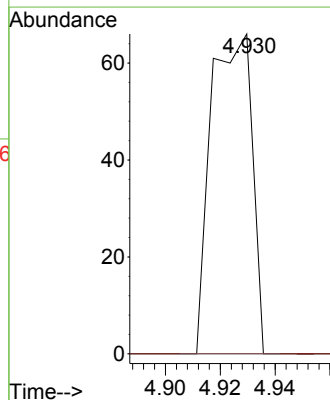
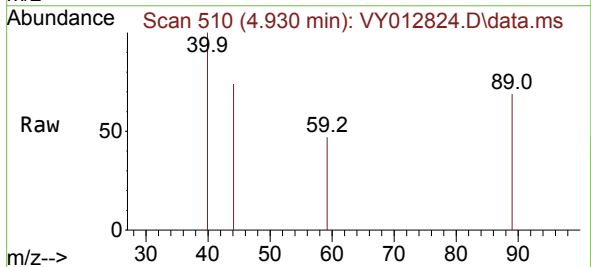
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

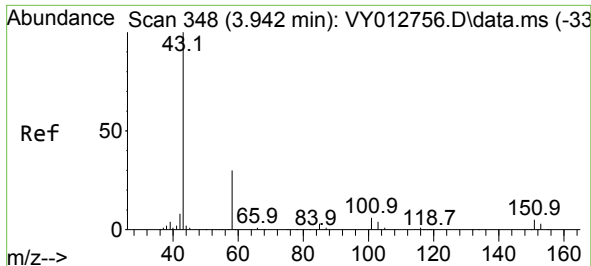
Tgt Ion:168 Resp: 27016
Ion Ratio Lower Upper
168 100
99 50.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

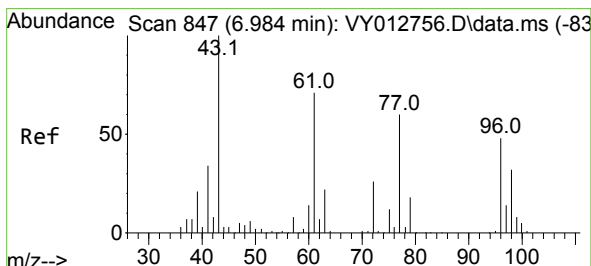
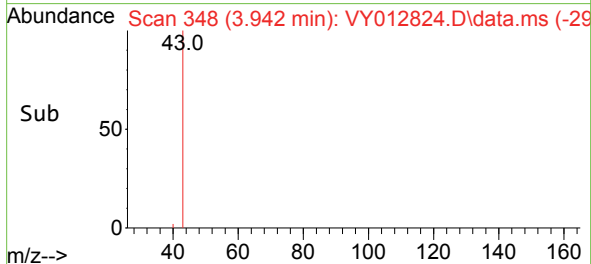
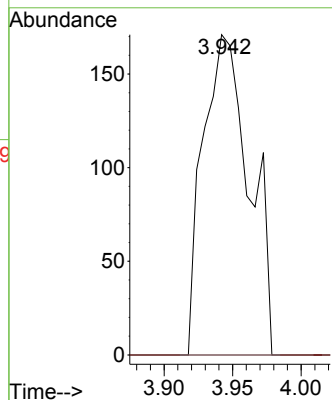
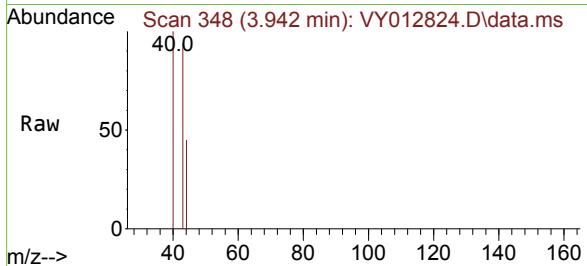




#16
Acetone
Concen: 3.818 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

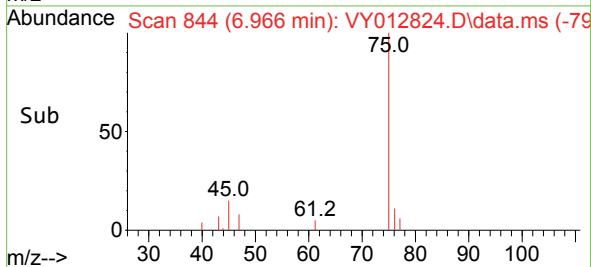
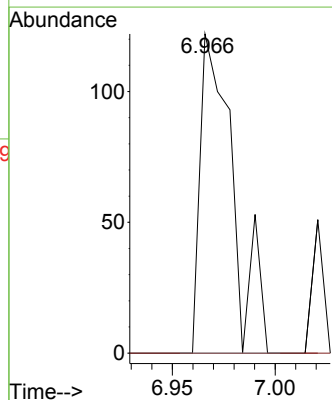
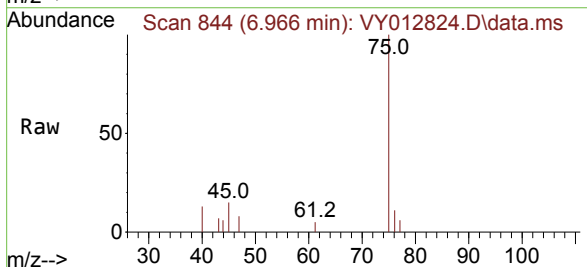
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

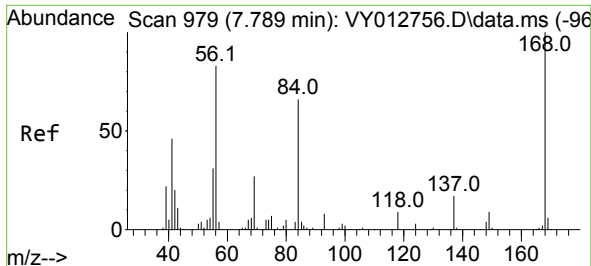
Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#25
2-Butanone
Concen: 1.035 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

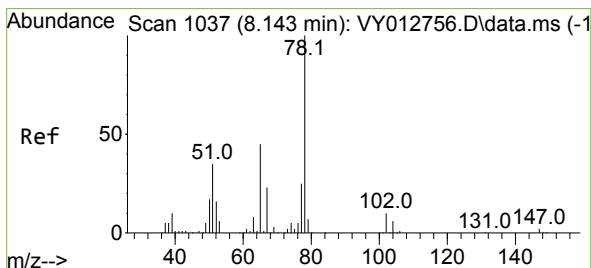
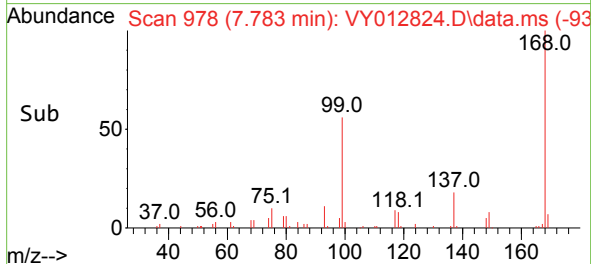
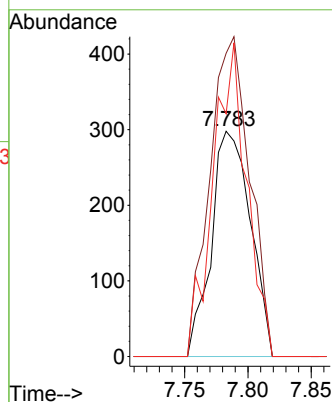
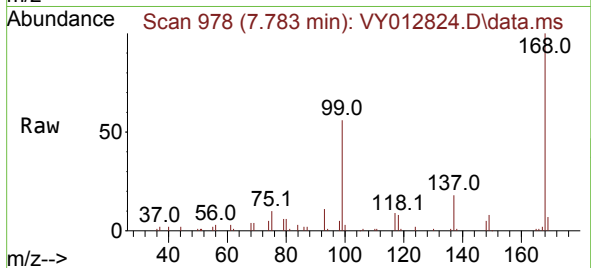




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

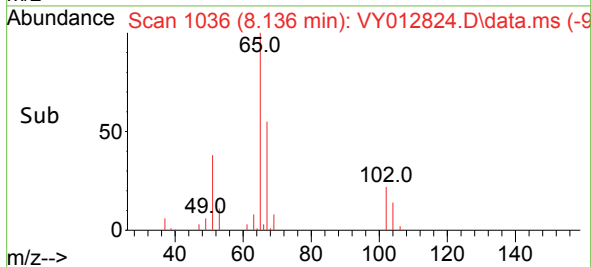
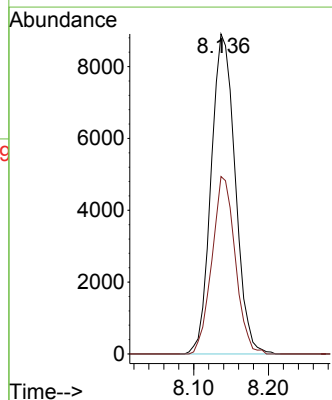
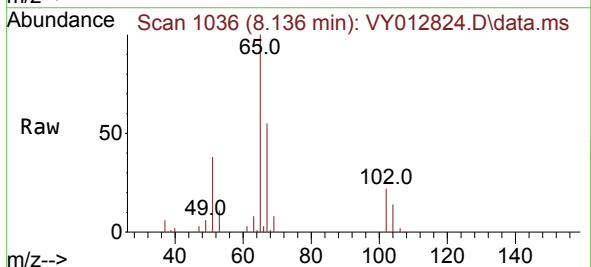
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

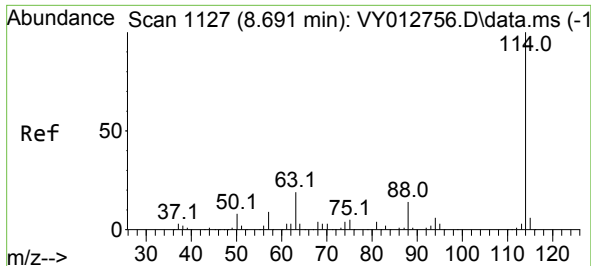
Tgt Ion: 56 Resp: 641
Ion Ratio Lower Upper
56 100
69 134.6 25.7 38.5#
84 107.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 74.245 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 65 Resp: 19915
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.0

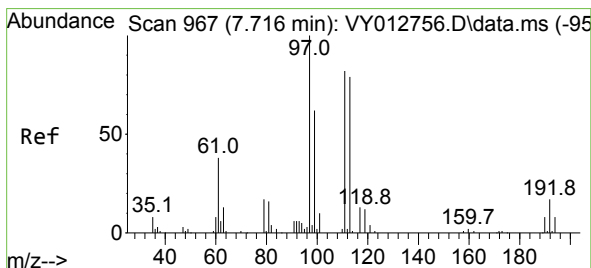
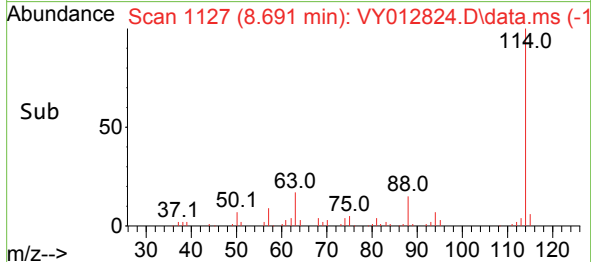
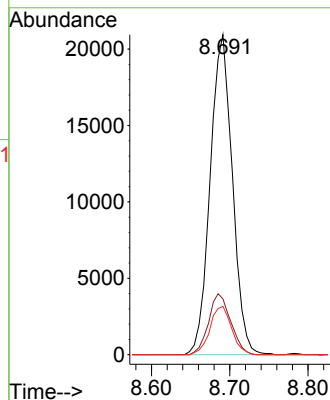
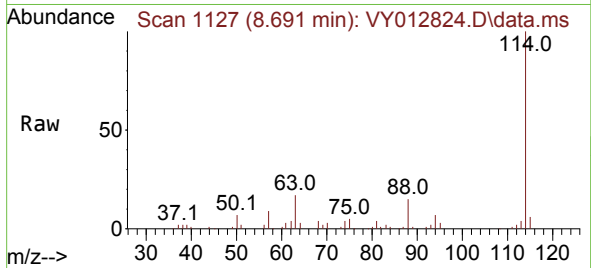




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

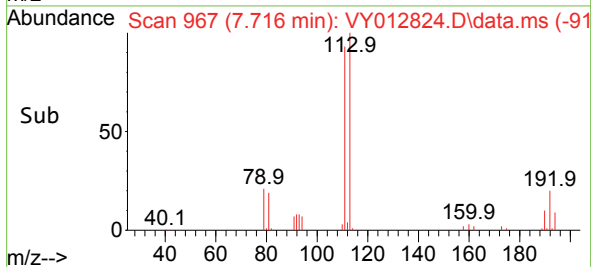
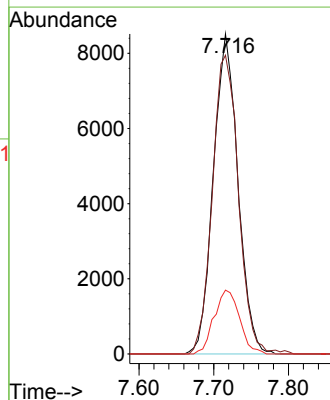
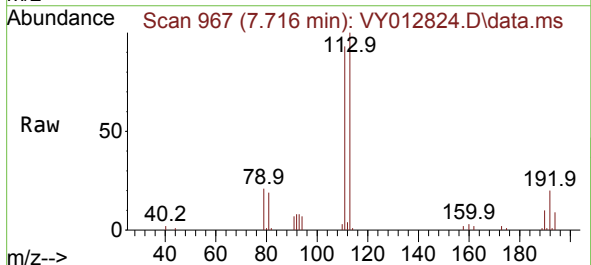
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

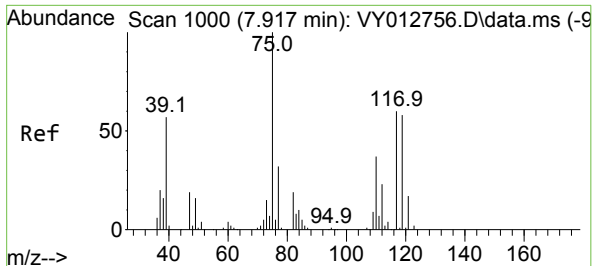
Tgt Ion:114	Resp:	41181
Ion Ratio	Lower	Upper
114	100	
63	17.4	0.0 37.4
88	15.1	0.0 28.6



#35
Dibromofluoromethane
Concen: 78.330 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion:113	Resp:	19467
Ion Ratio	Lower	Upper
113	100	
111	99.2	82.2 123.2
192	20.7	16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.802 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012824.D

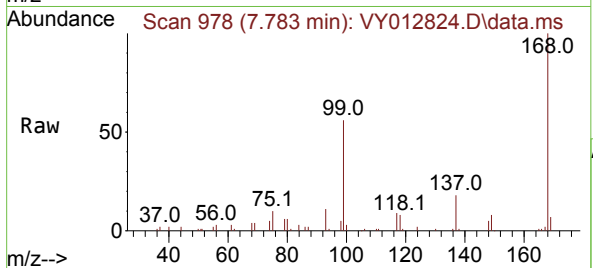
Acq: 06 Mar 2023 15:28

Instrument :

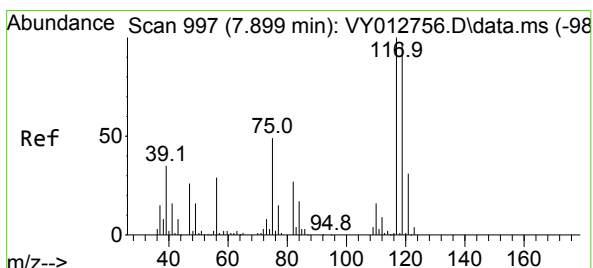
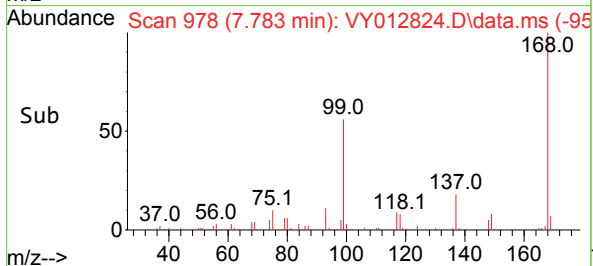
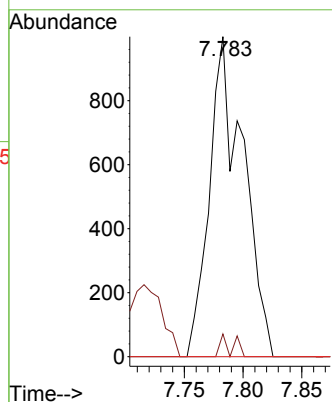
MSVOA_Y

ClientSampleId :

HR-4-03032023



Tgt Ion: 75	Resp: 2000
Ion Ratio	Lower Upper
75	100
110	2.5 17.8 53.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.878 ug/l

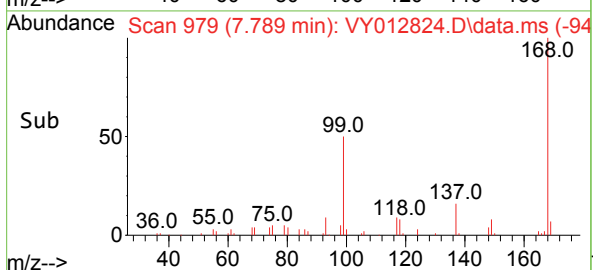
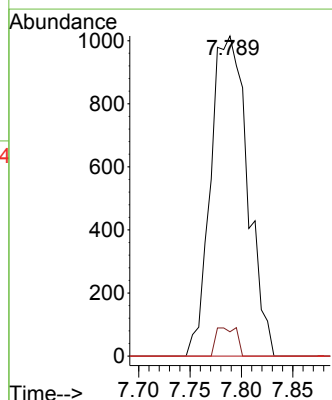
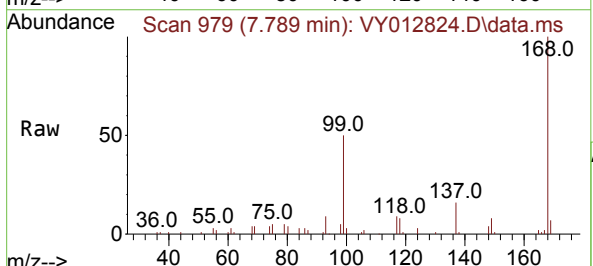
RT: 7.789 min Scan# 979

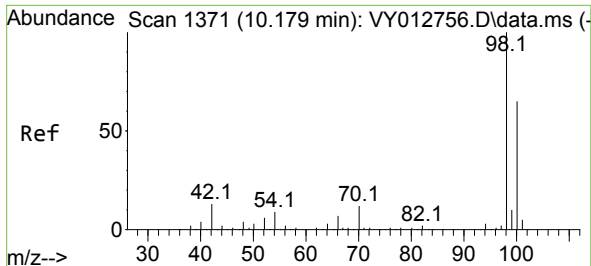
Delta R.T. -0.110 min

Lab File: VY012824.D

Acq: 06 Mar 2023 15:28

Tgt Ion: 117	Resp: 2528
Ion Ratio	Lower Upper
117	100
119	7.6 77.2 115.8#
121	0.0 24.7 37.1#

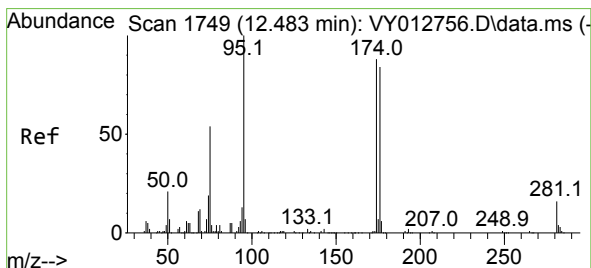
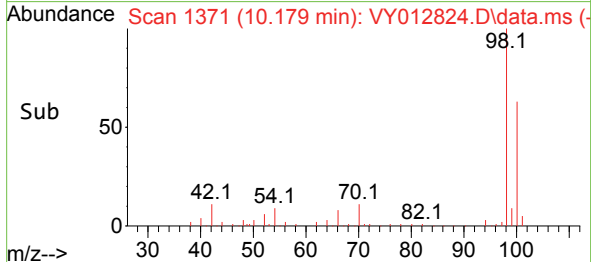
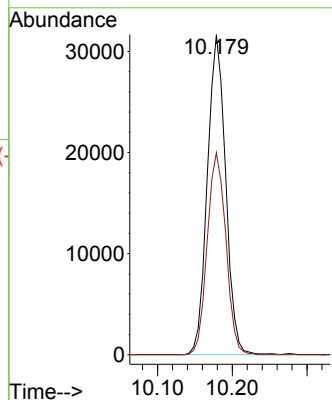
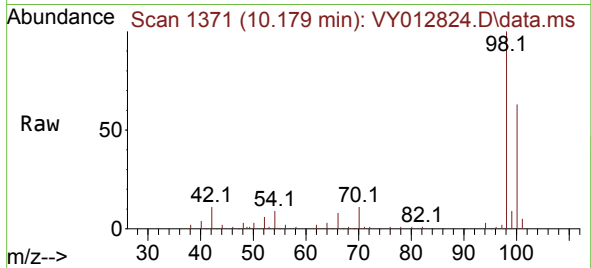




#50
Toluene-d8
Concen: 59.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

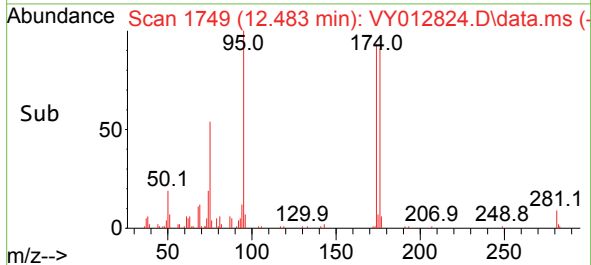
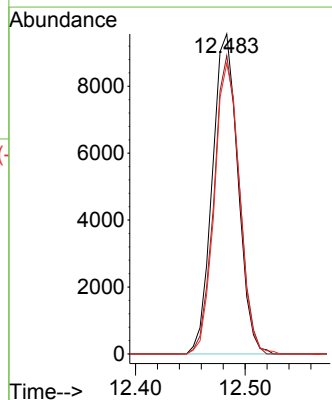
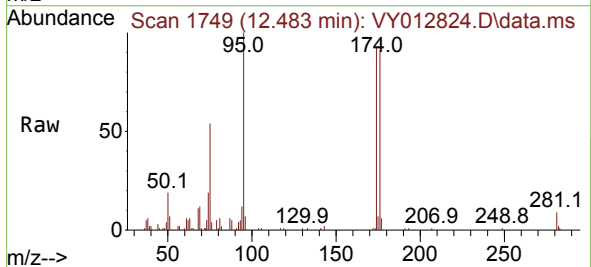
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

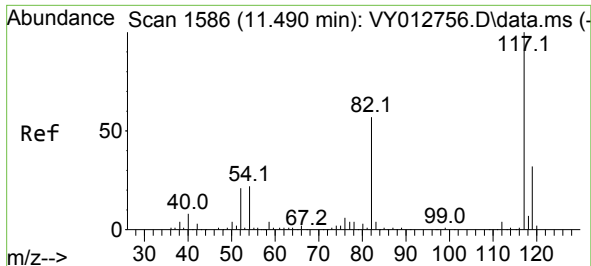
Tgt Ion: 98 Resp: 53827
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 95 Resp: 15554
Ion Ratio Lower Upper
95 100
174 91.8 0.0 176.6
176 89.5 0.0 170.2

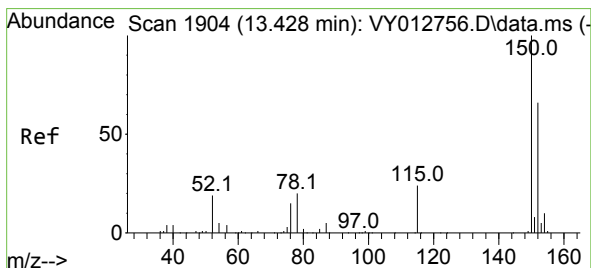
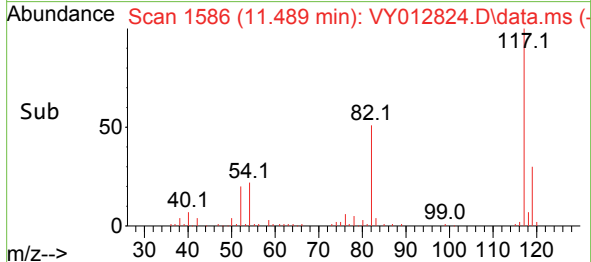
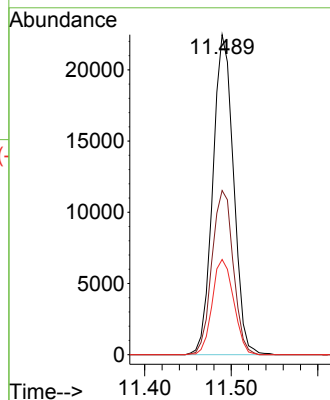
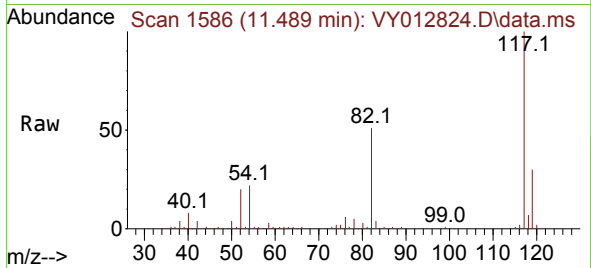




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

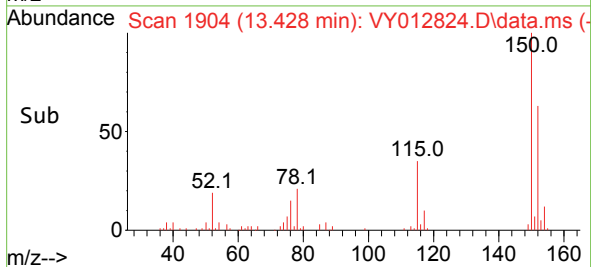
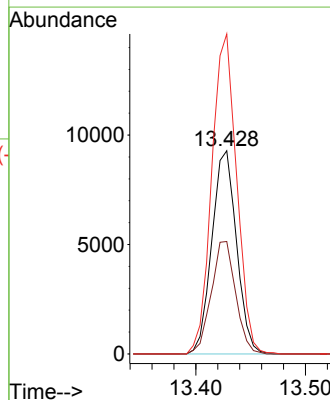
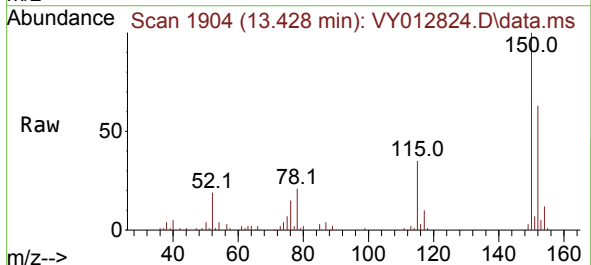
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

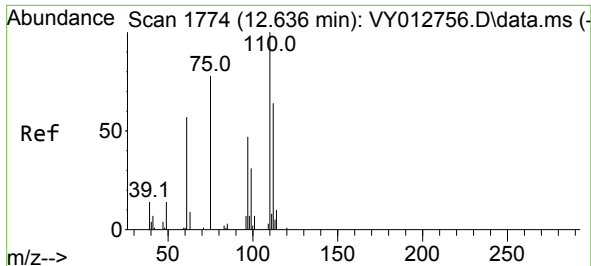
Tgt Ion:117 Resp: 37283
Ion Ratio Lower Upper
117 100
82 51.3 45.4 68.0
119 29.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion:152 Resp: 14524
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 158.6 0.0 347.8

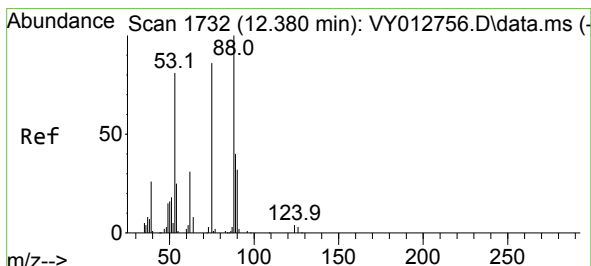
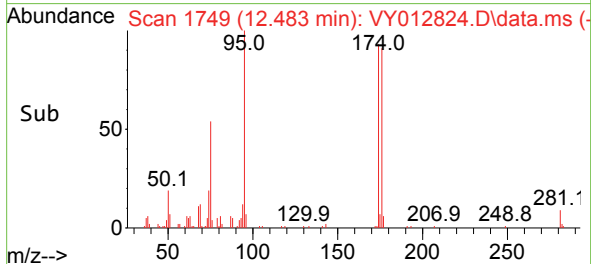
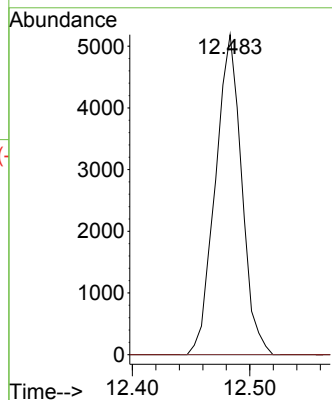
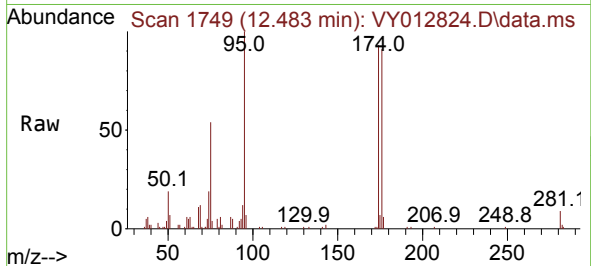




#76
1,2,3-Trichloropropane
Concen: 46.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

Tgt Ion: 75 Resp: 8072
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 96.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 75 Resp: 8072
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

