

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012871.D
 Acq On : 08 Mar 2023 15:15
 Operator : KP/MD
 Sample : 01829-01
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-01-20230306

Quant Time: Mar 09 00:36:58 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)

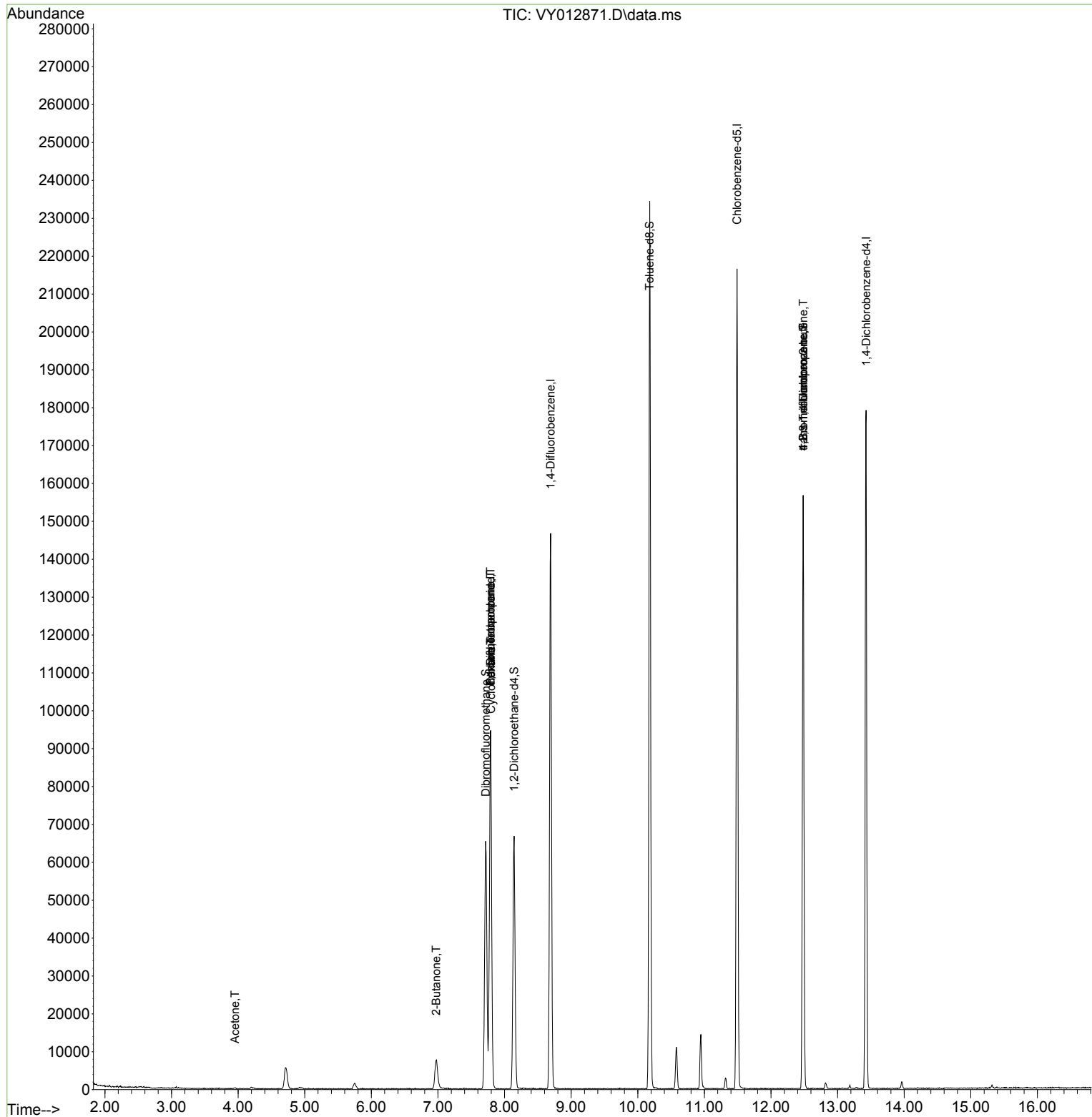
Internal Standards						
1) Pentafluorobenzene	7.789	168	73703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50724	69.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.640%	
35) Dibromofluoromethane	7.716	113	45568	59.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.880%	
50) Toluene-d8	10.179	98	151638	54.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.483	95	42872	45.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	426	Below Cal	#	74
16) Acetone	3.954	43	326	1.135	ug/l #	44
20) Methylene Chloride	4.716	84	4411	Below Cal	#	88
25) 2-Butanone	6.972	43	416	1.169	ug/l #	49
31) Cyclohexane	7.795	56	1568	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5790	4.545	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7300	5.549	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	22408	39.274	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22408	81.377	ug/l #	13

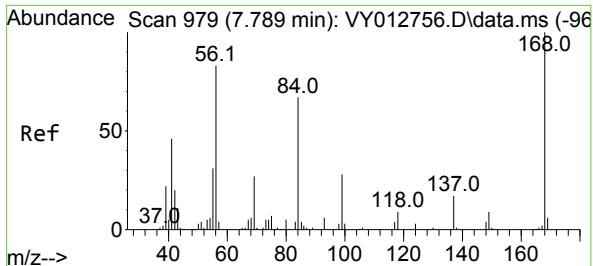
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012871.D
Acq On : 08 Mar 2023 15:15
Operator : KP/MD
Sample : 01829-01
Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

Quant Time: Mar 09 00:36:58 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

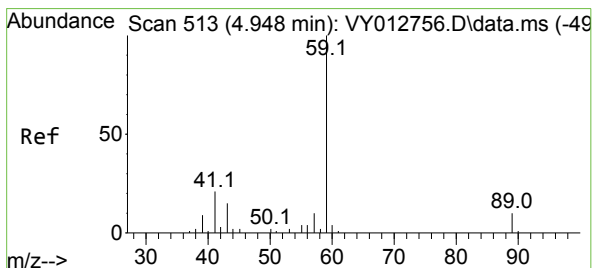
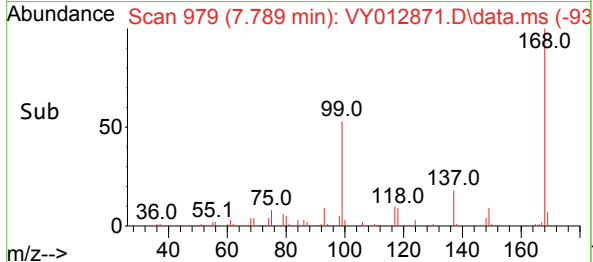
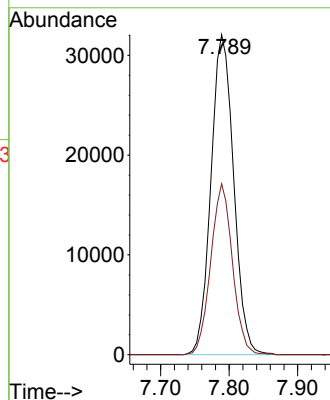
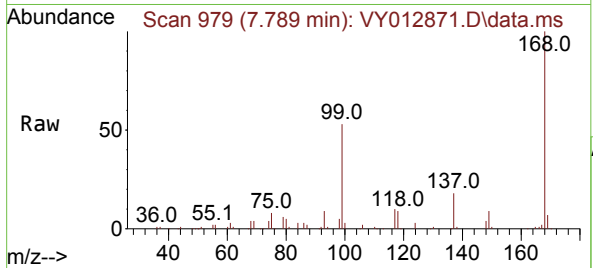




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

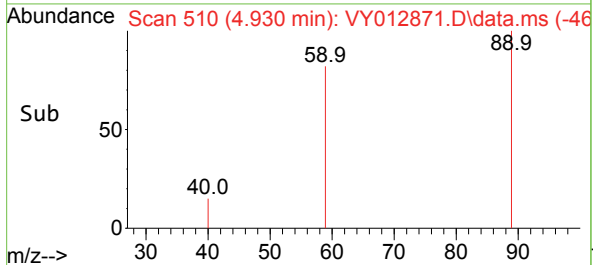
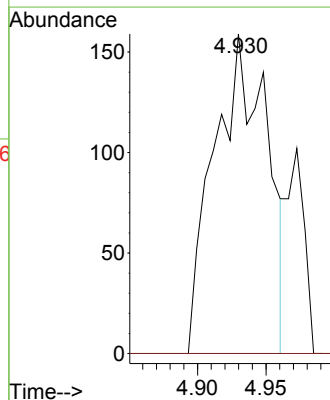
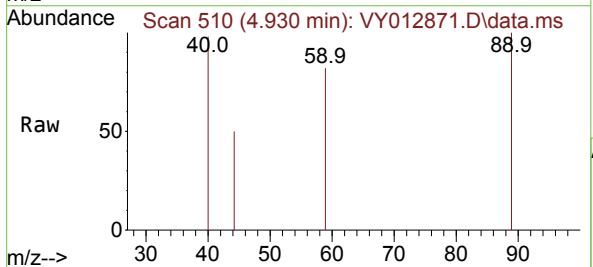
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

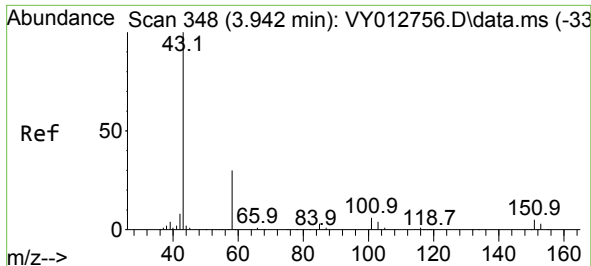
Tgt Ion:168 Resp: 73703
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

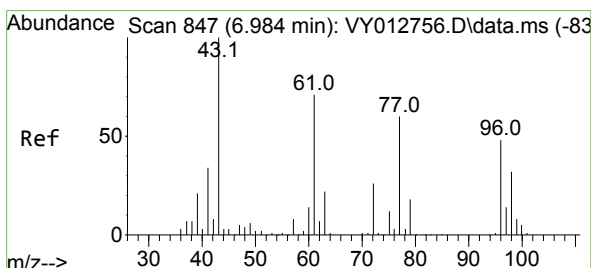
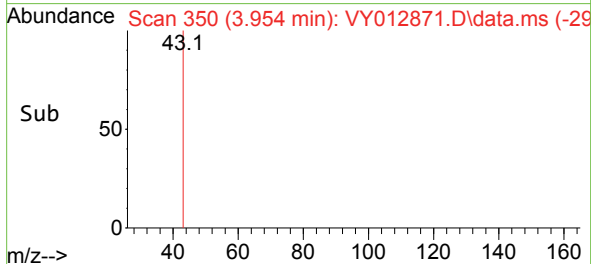
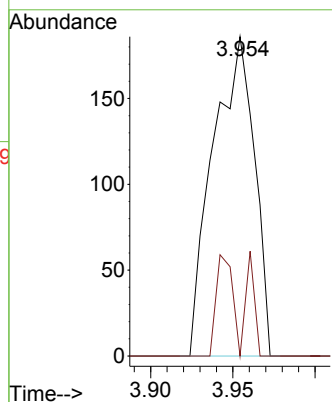
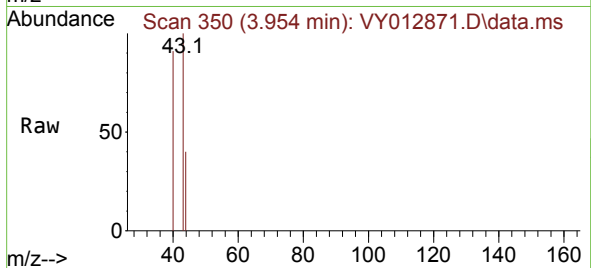




#16
Acetone
Concen: 1.135 ug/l
RT: 3.954 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

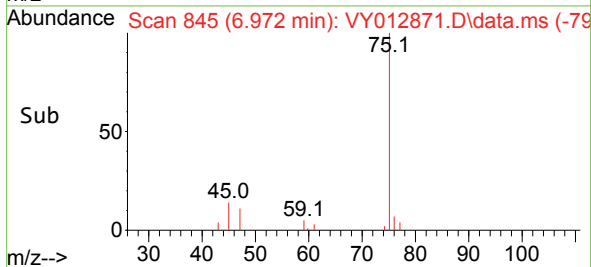
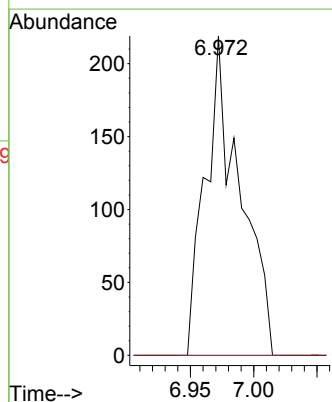
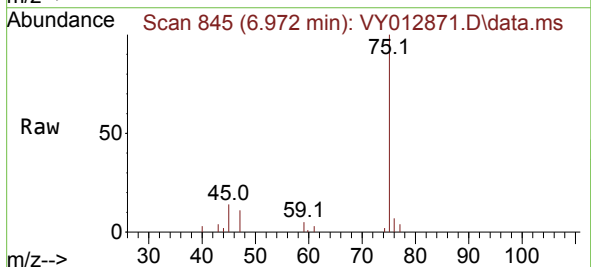
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

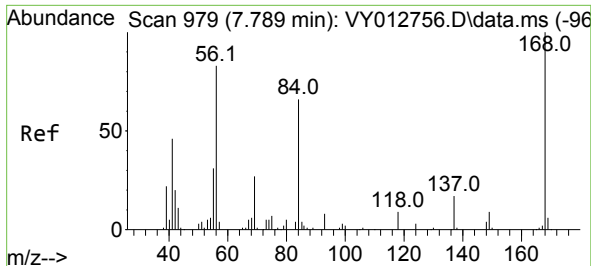
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#25
2-Butanone
Concen: 1.169 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

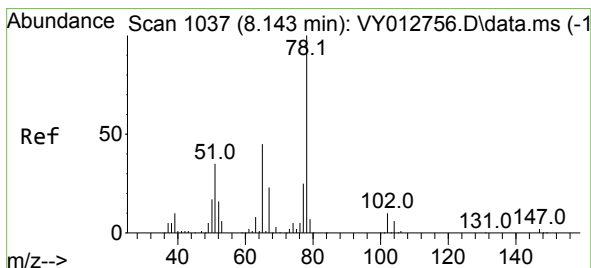
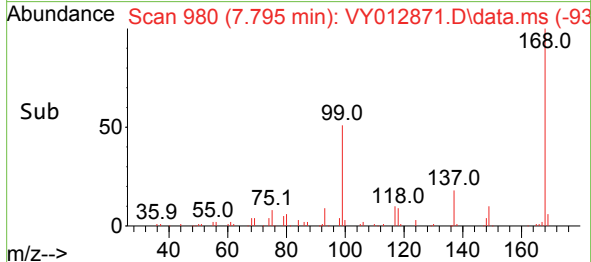
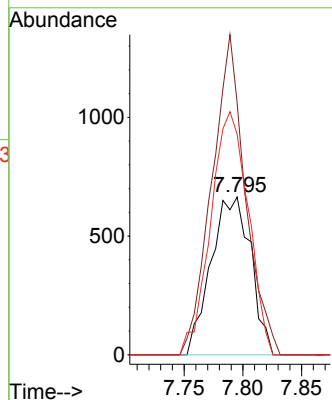
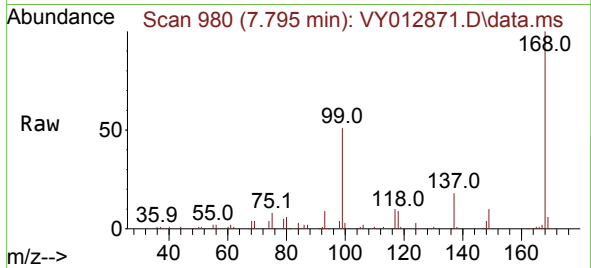




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

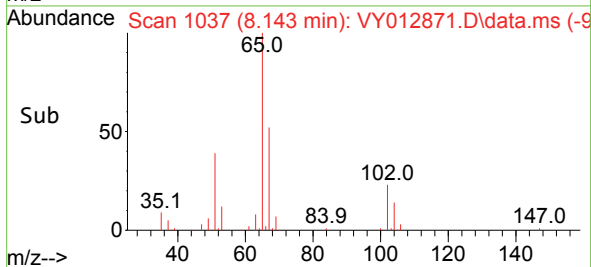
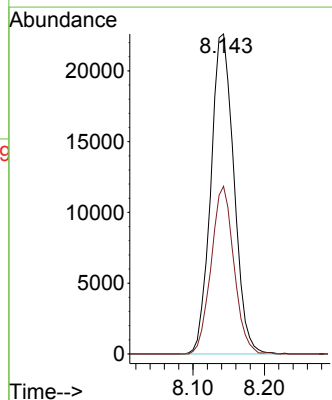
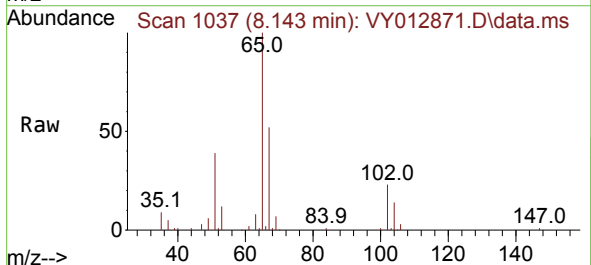
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

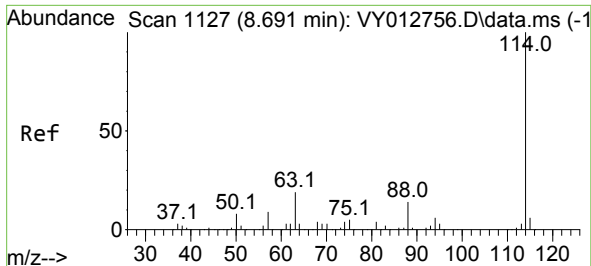
Tgt Ion: 56 Resp: 1568
Ion Ratio Lower Upper
56 100
69 159.6 25.7 38.5#
84 139.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 69.316 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 65 Resp: 50724
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

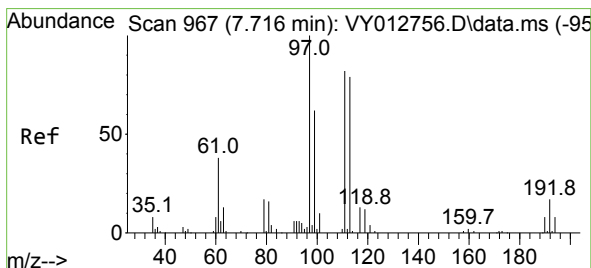
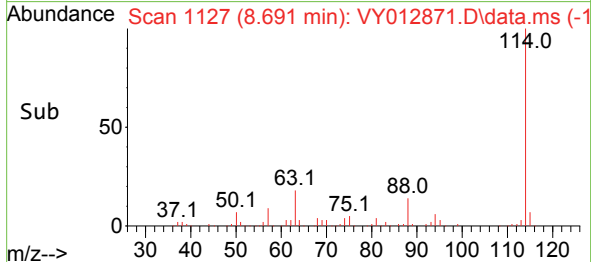
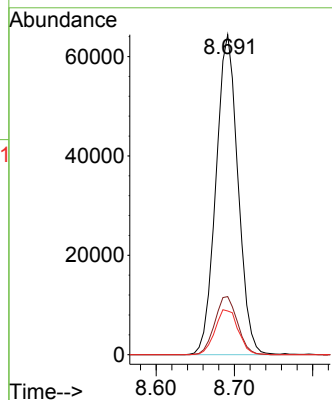
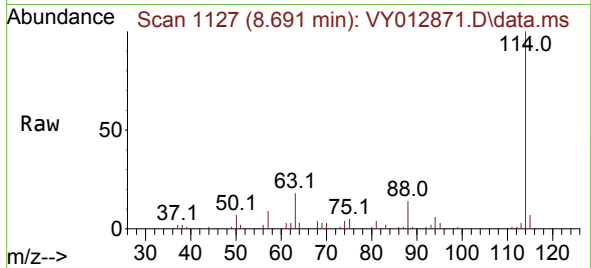




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

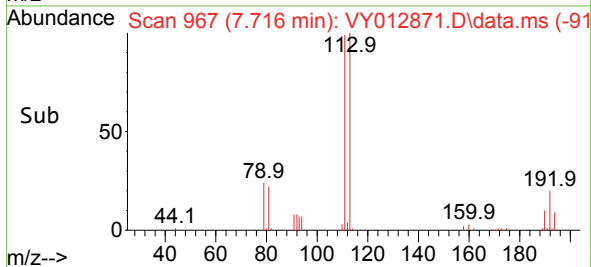
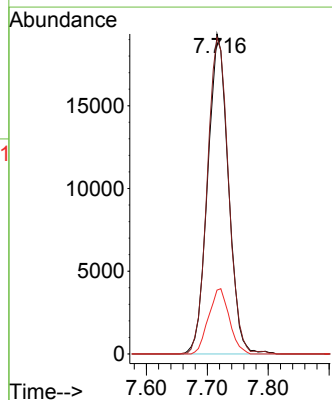
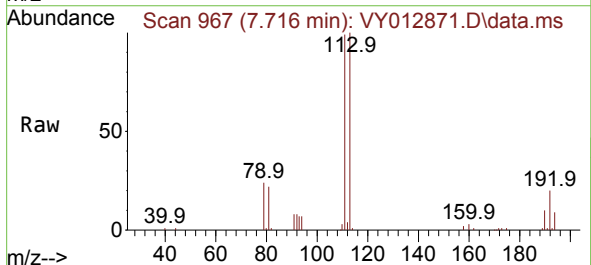
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

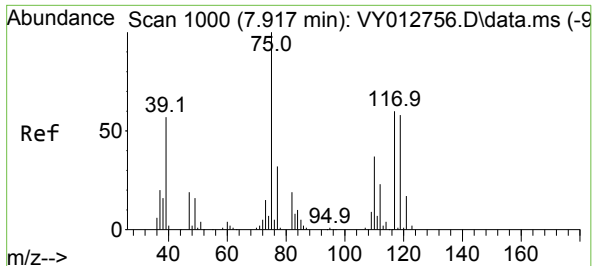
Tgt Ion:114 Resp: 125960
Ion Ratio Lower Upper
114 100
63 18.1 0.0 37.4
88 13.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.945 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion:113 Resp: 45568
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.4 16.8 25.2

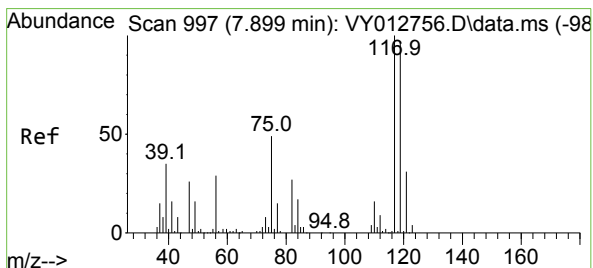
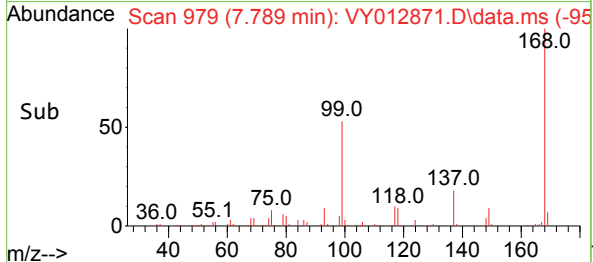
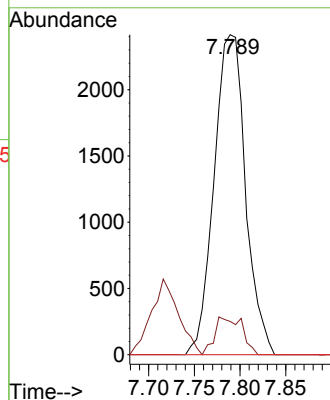
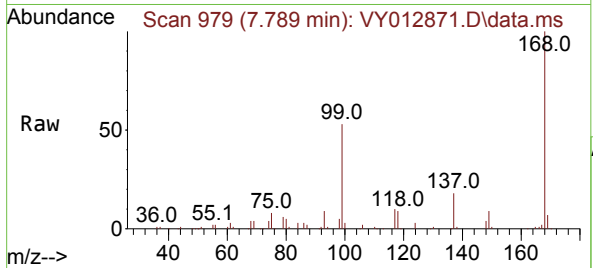




#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

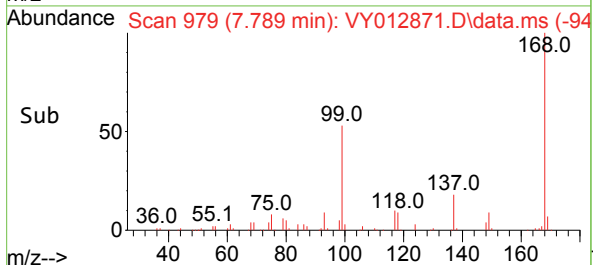
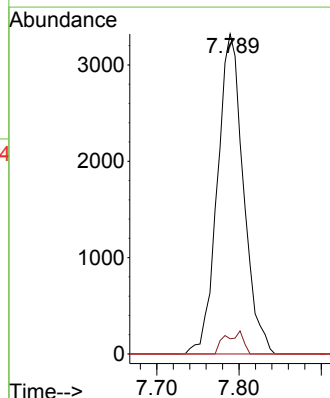
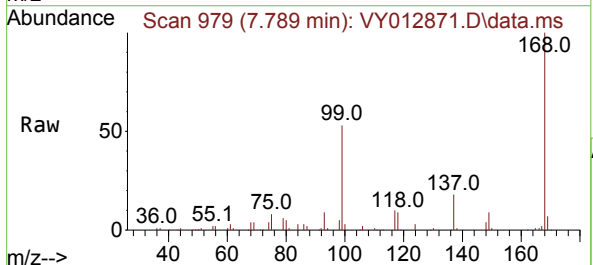
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

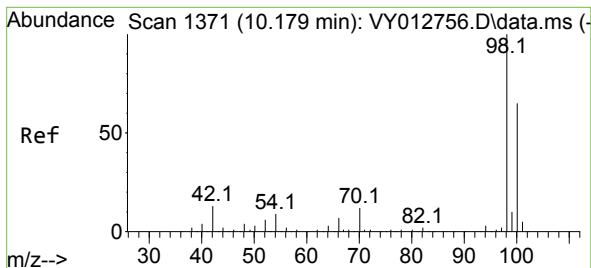
Tgt Ion: 75 Resp: 5790
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 117 Resp: 7300
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 24.7 37.1#

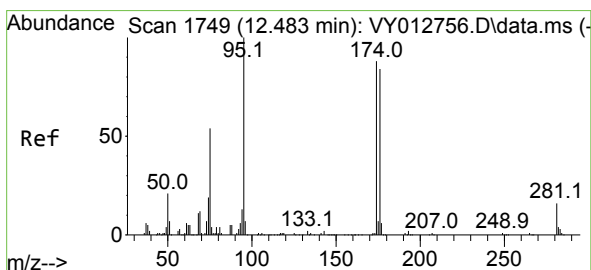
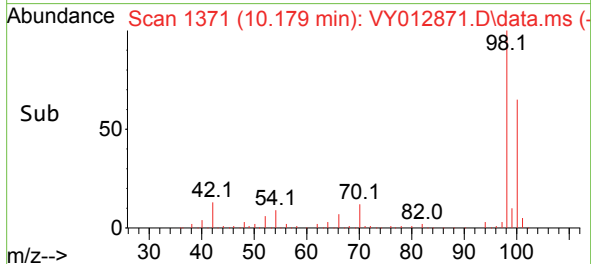
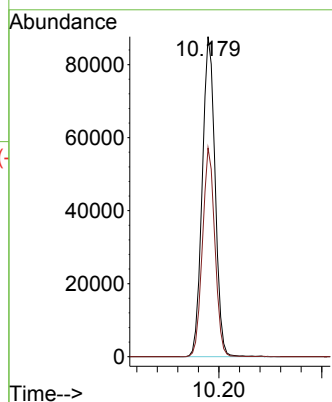
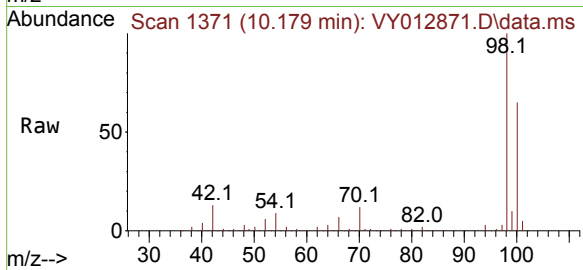




#50
Toluene-d8
Concen: 54.565 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

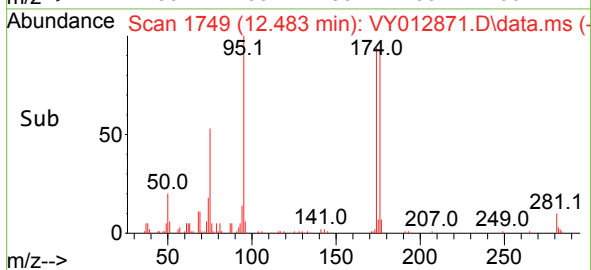
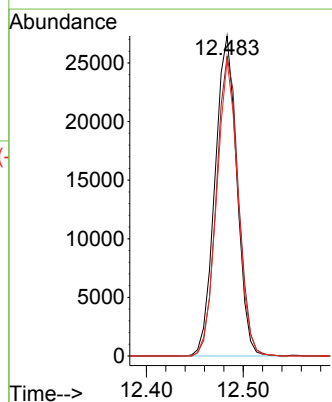
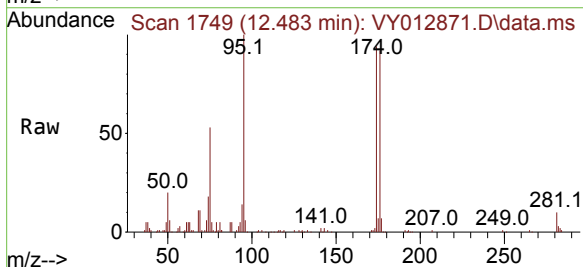
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

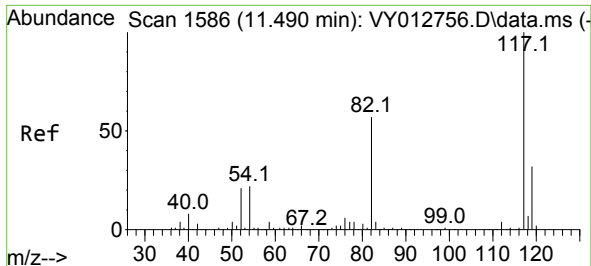
Tgt Ion: 98 Resp: 151638
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.706 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 95 Resp: 42872
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 89.9 0.0 170.2

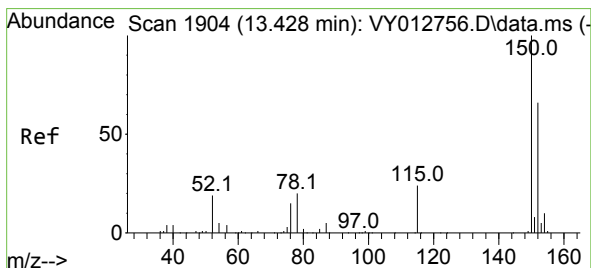
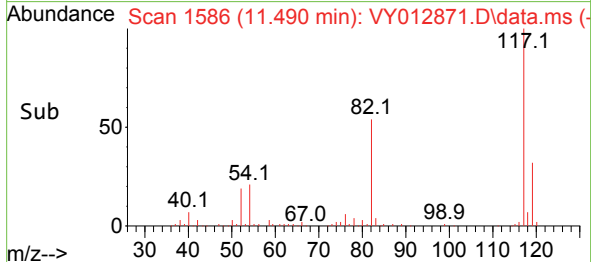
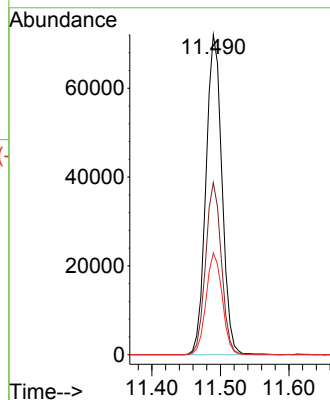
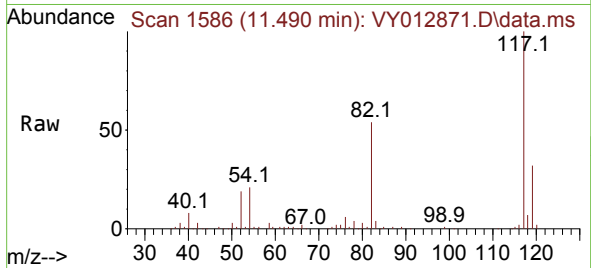




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117210
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

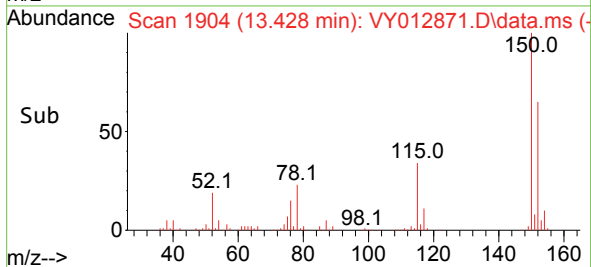
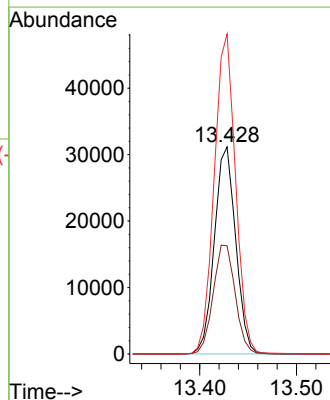
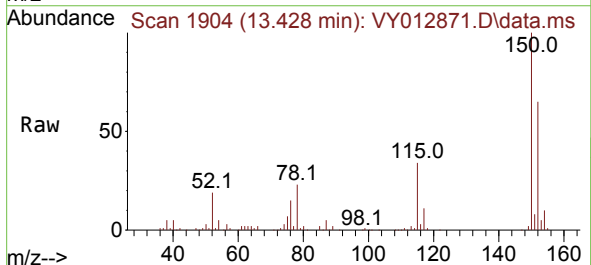
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

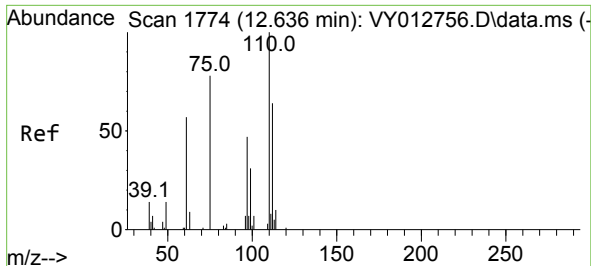
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.4	68.0
119	31.8	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.1	81.3
150	154.2	0.0	347.8

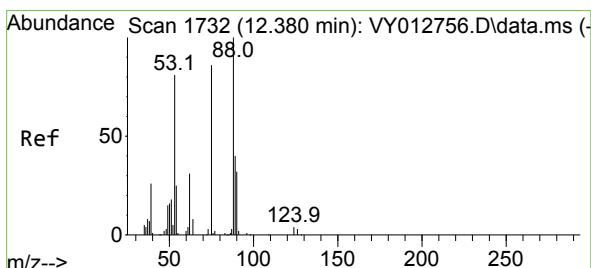
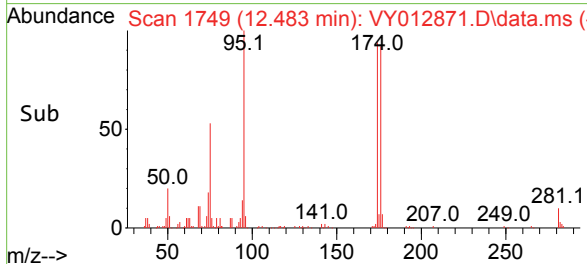
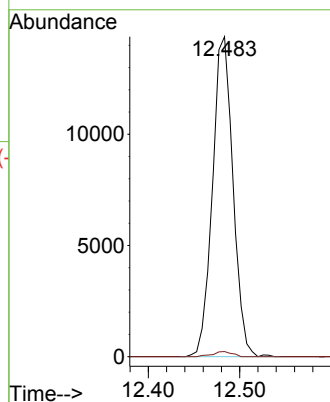
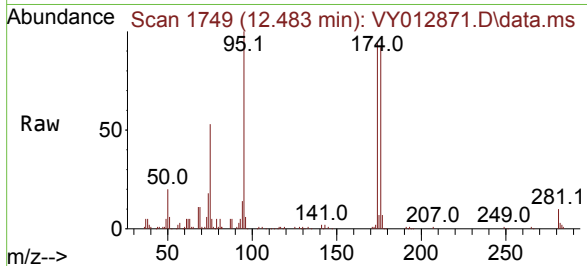




#76
1,2,3-Trichloropropane
Concen: 39.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

Tgt Ion: 75 Resp: 22408
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 75 Resp: 22408
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

