

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012830.D
 Acq On : 06 Mar 2023 17:44
 Operator : KP/MD
 Sample : 01787-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 04:26:45 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)

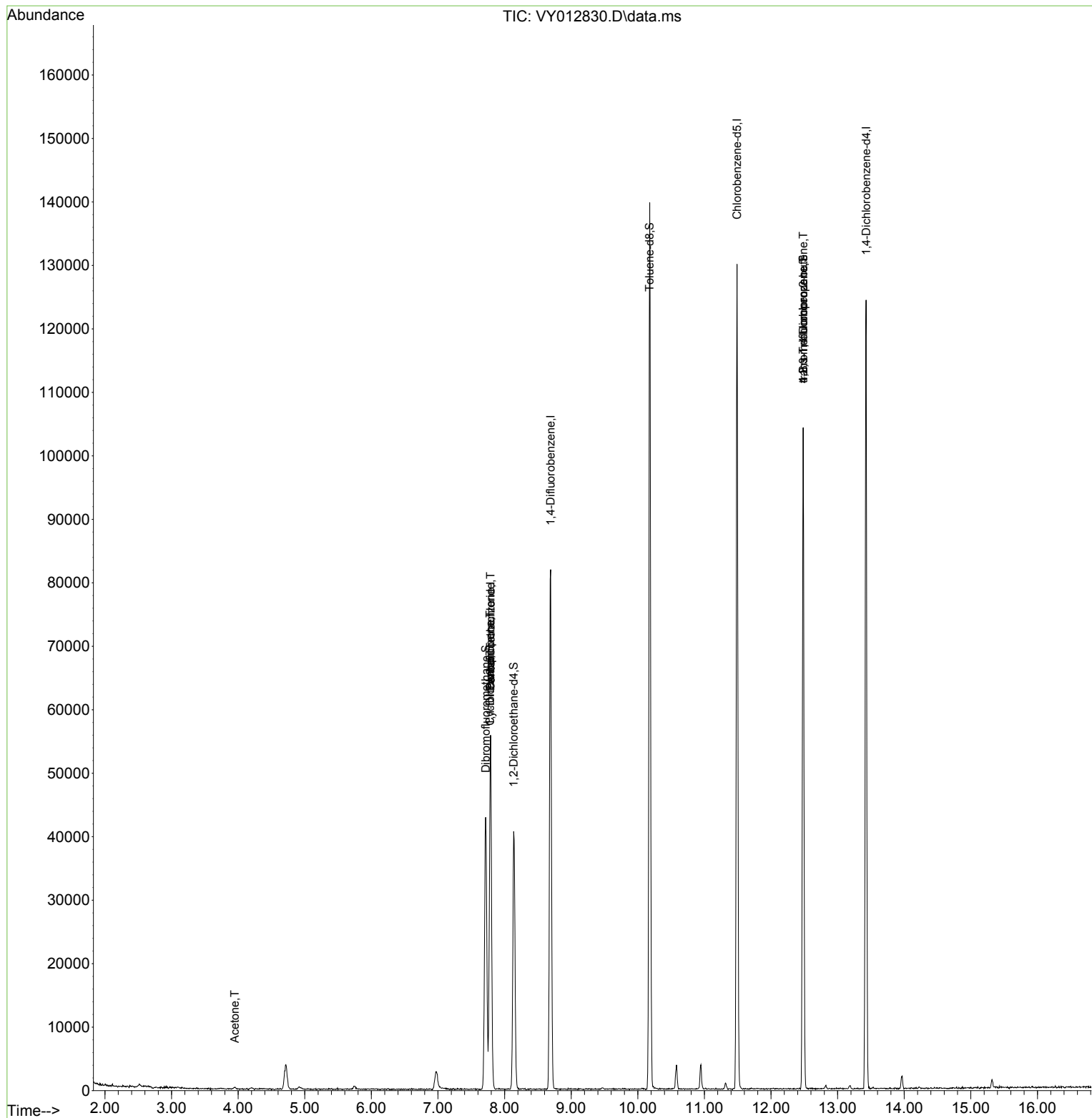
Internal Standards						
1) Pentafluorobenzene	7.789	168	43441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	69692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	68410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31983	74.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.300%	
35) Dibromofluoromethane	7.716	113	29964	71.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.480%	
50) Toluene-d8	10.179	98	89990	58.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.060%	
62) 4-Bromofluorobenzene	12.483	95	27809	53.584	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	45	Below Cal	#	74
16) Acetone	3.948	43	546	3.225	ug/l #	44
31) Cyclohexane	7.783	56	1040	1.259	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	3422	4.855	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4123	5.665	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	14487	37.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14487	77.313	ug/l #	13

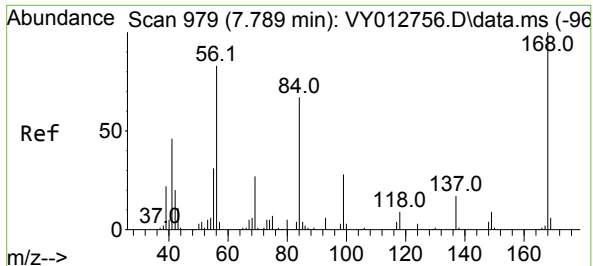
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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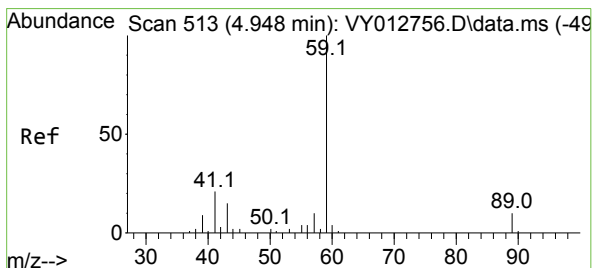
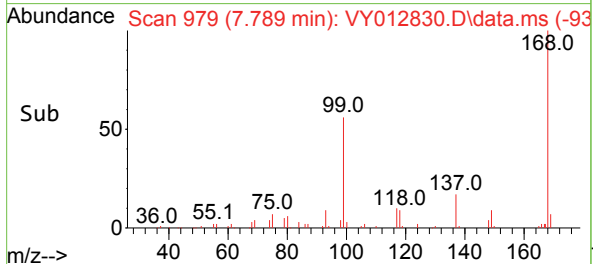
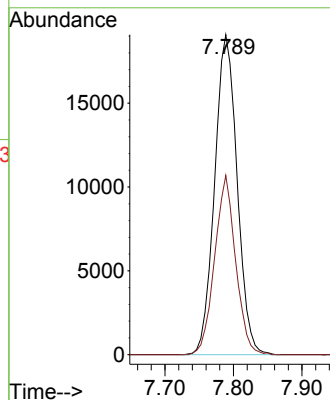
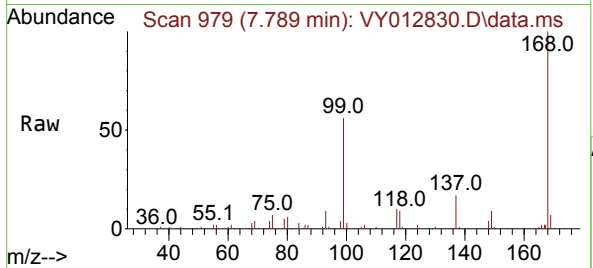




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

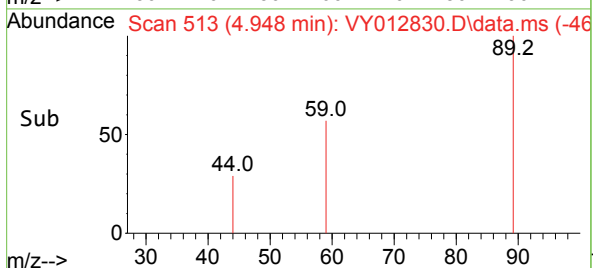
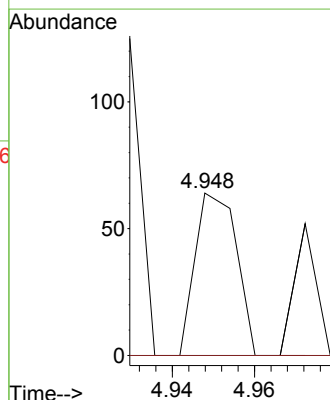
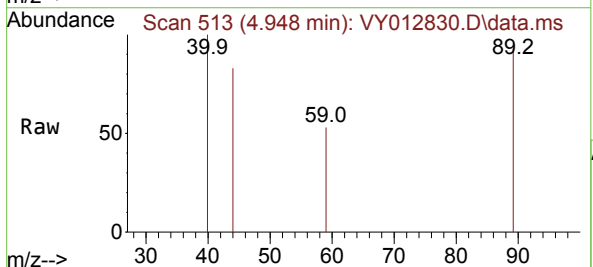
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 43441
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 3.225 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012830.D

Acq: 06 Mar 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

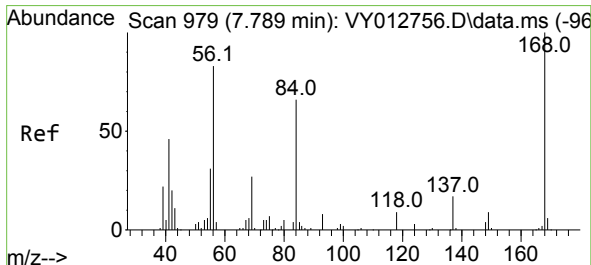
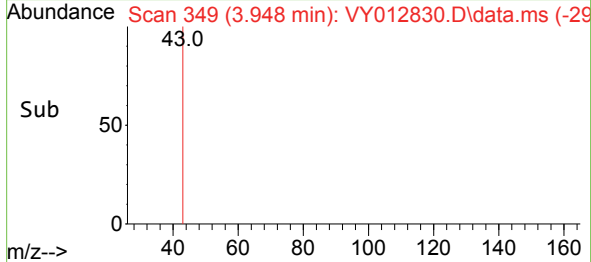
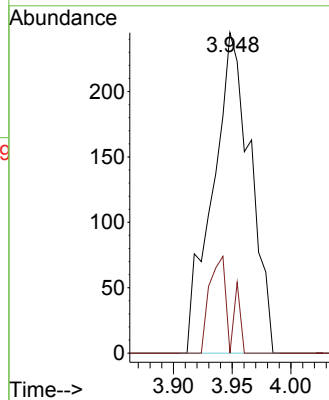
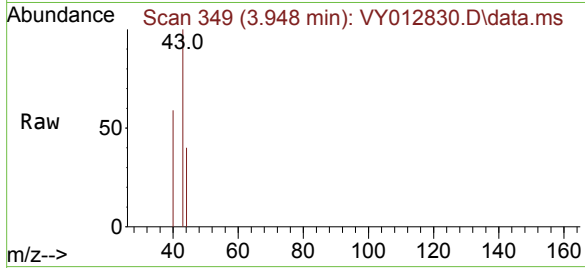
COMP-1

Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#31

Cyclohexane

Concen: 1.259 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012830.D

Acq: 06 Mar 2023 17:44

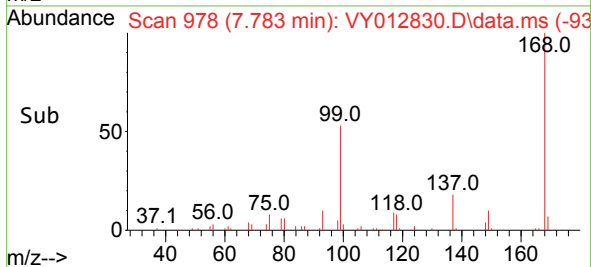
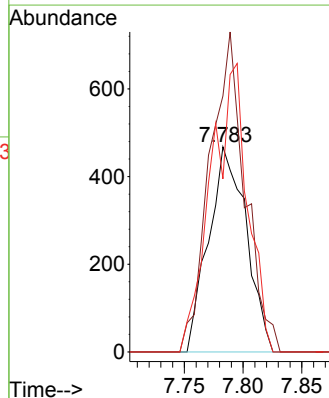
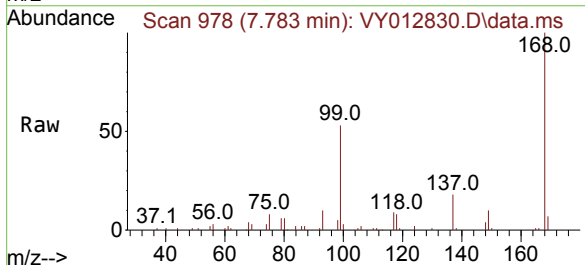
Tgt Ion: 56 Resp: 1040

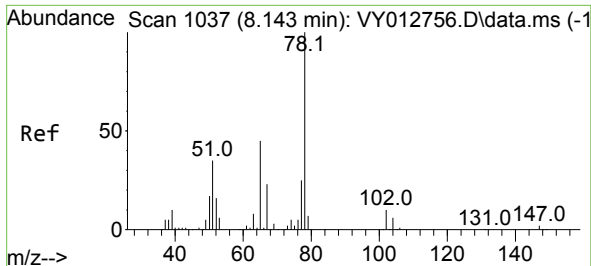
Ion Ratio Lower Upper

56 100

69 124.8 25.7 38.5#

84 84.4 64.3 96.5

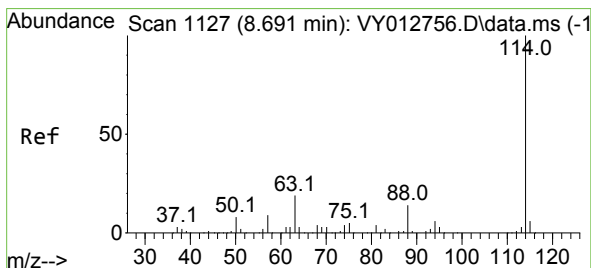
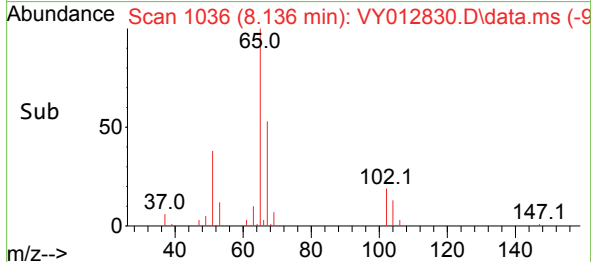
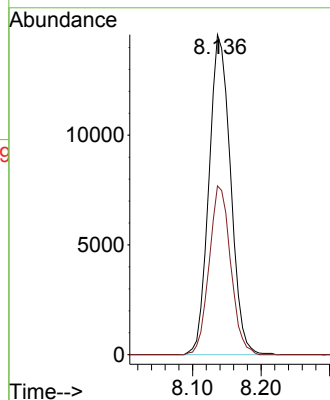
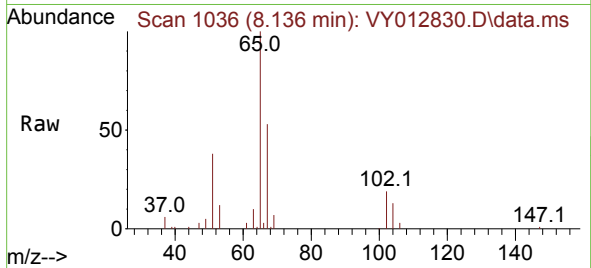




#33
 1,2-Dichloroethane-d4
 Concen: 74.153 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY012830.D
 Acq: 06 Mar 2023 17:44

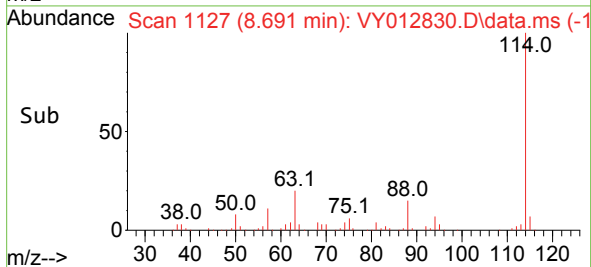
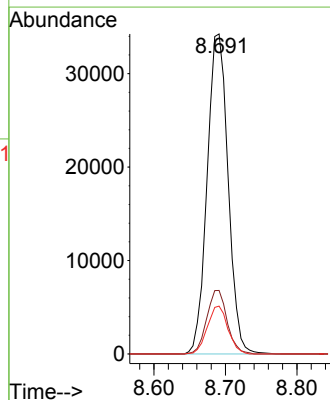
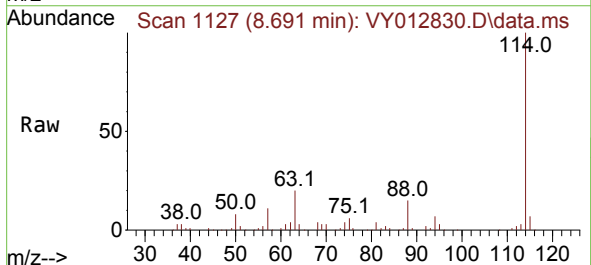
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

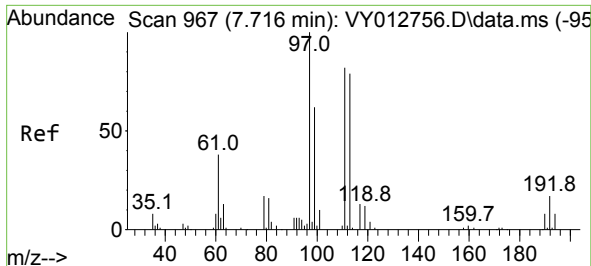
Tgt Ion: 65 Resp: 31983
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012830.D
 Acq: 06 Mar 2023 17:44

Tgt Ion: 114 Resp: 69692
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.4
 88 14.9 0.0 28.6

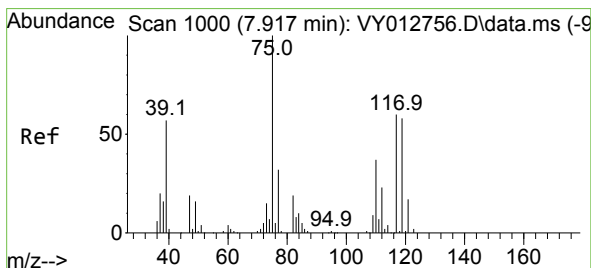
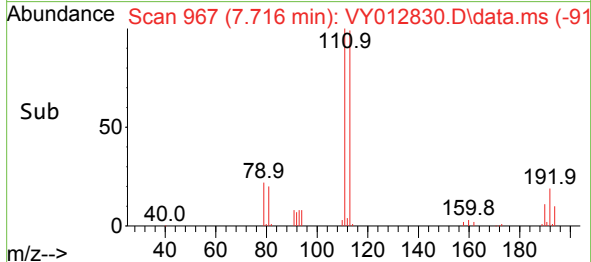
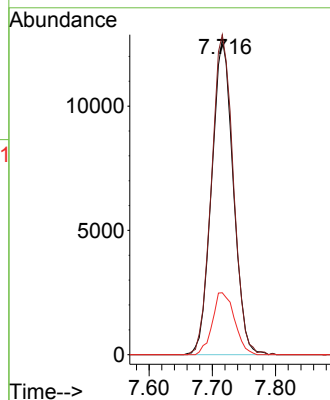
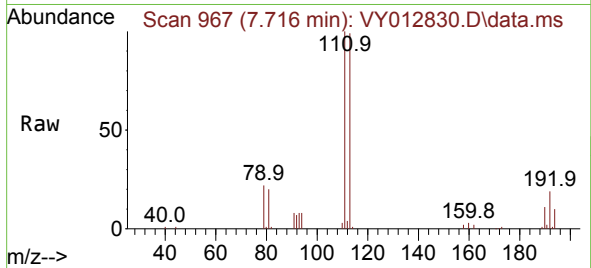




#35
Dibromofluoromethane
Concen: 71.243 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

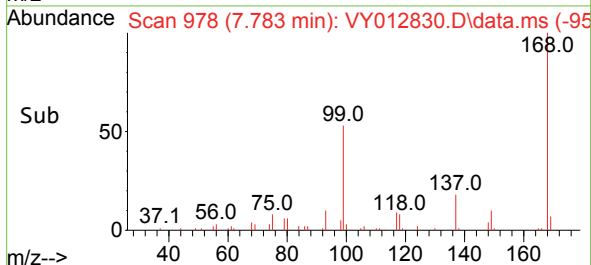
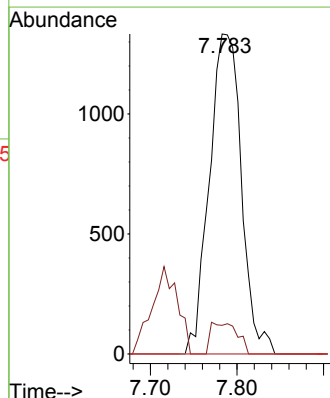
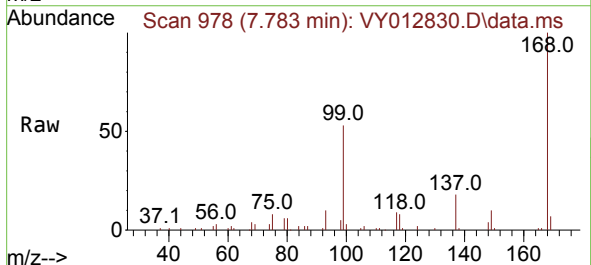
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

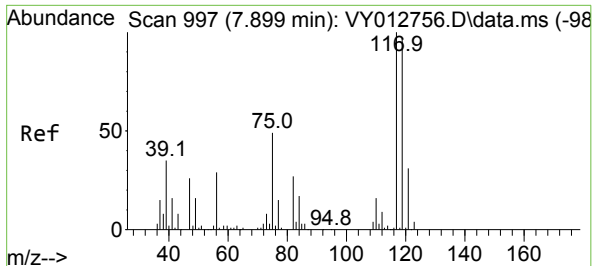
Tgt Ion:113 Resp: 29964
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion: 75 Resp: 3422
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#

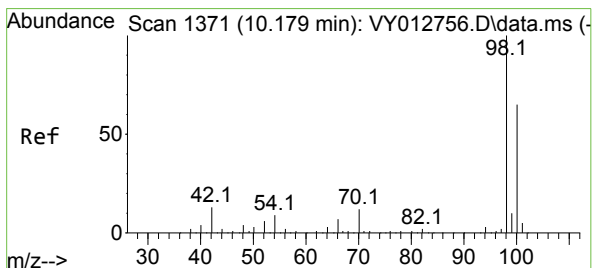
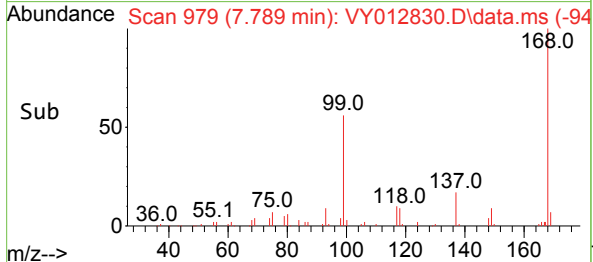
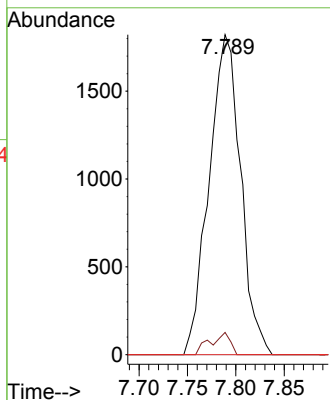
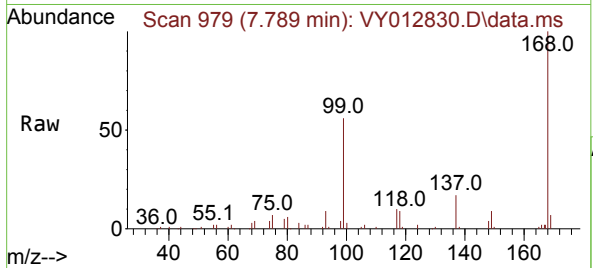




#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

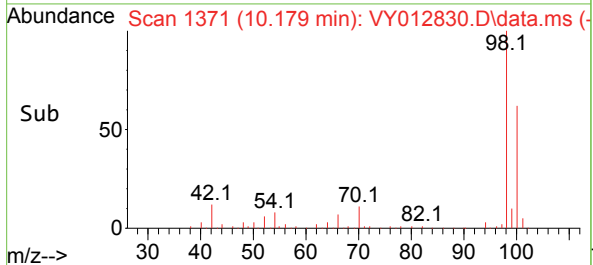
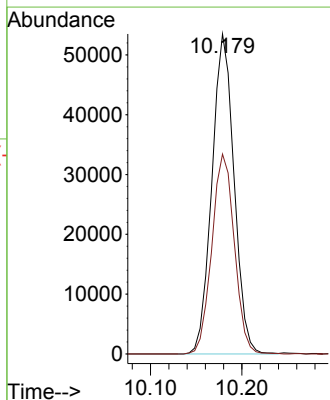
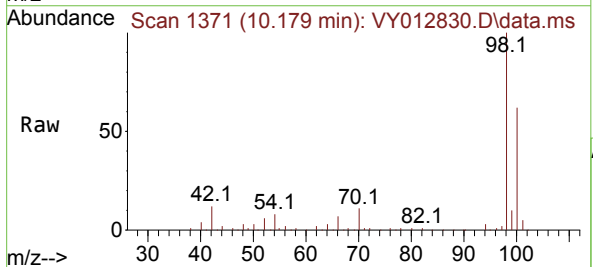
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

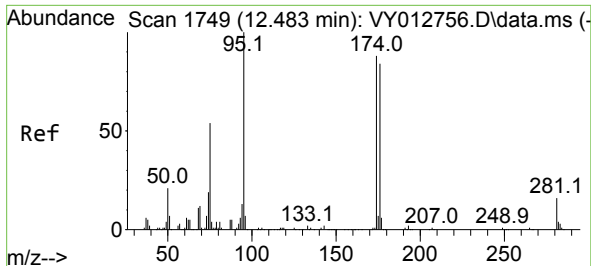
Tgt Ion:117 Resp: 4123
Ion Ratio Lower Upper
117 100
119 6.9 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 58.526 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion: 98 Resp: 89990
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

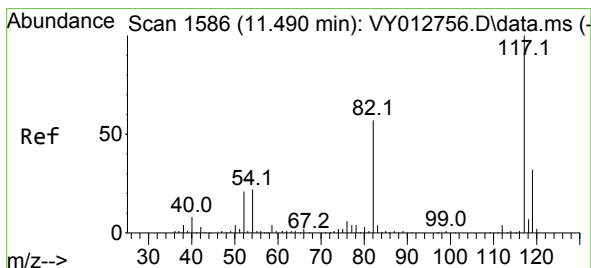
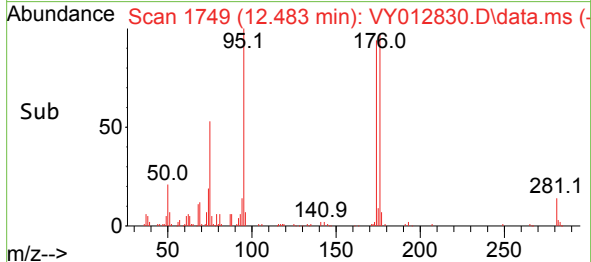
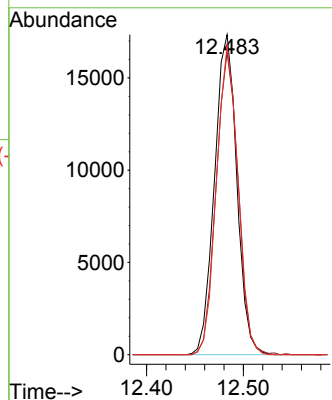
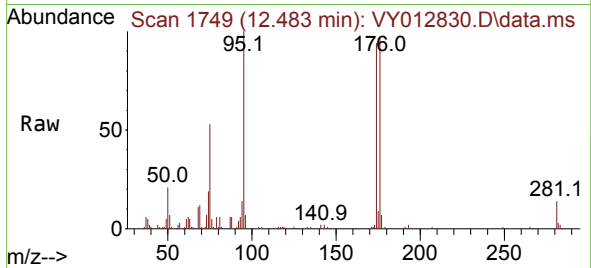




#62
4-Bromofluorobenzene
Concen: 53.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

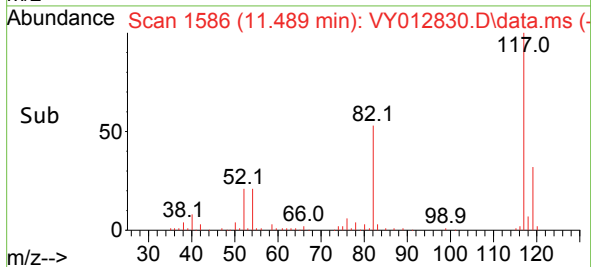
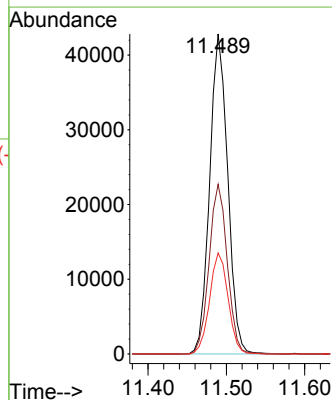
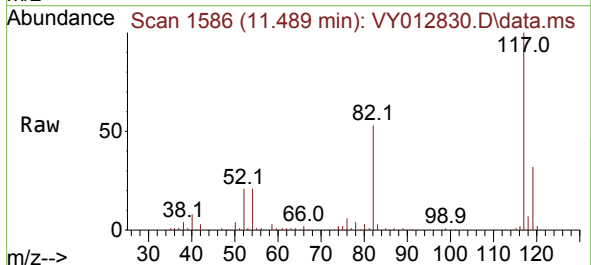
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

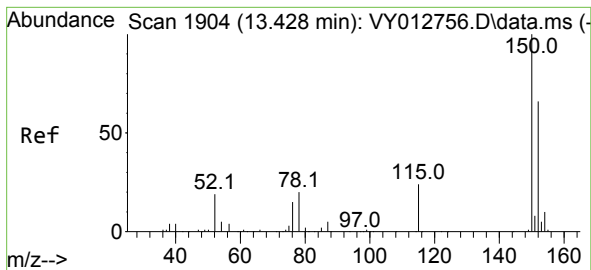
Tgt Ion: 95 Resp: 27809
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.6
176 93.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion: 117 Resp: 68410
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 31.6 25.6 38.4

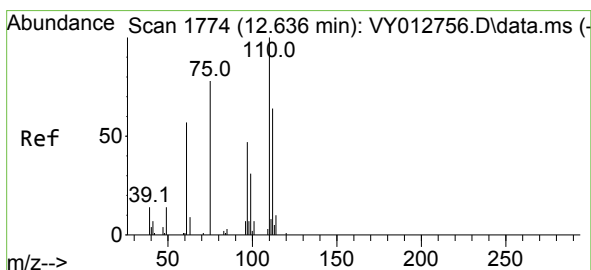
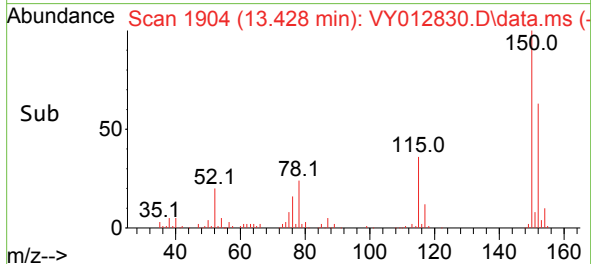
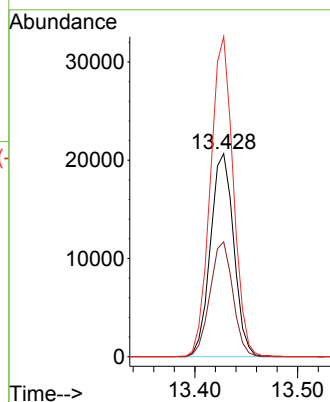
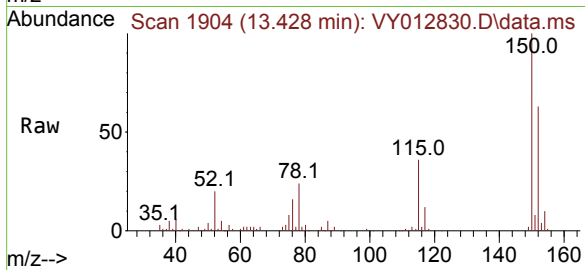




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012830.D
 Acq: 06 Mar 2023 17:44

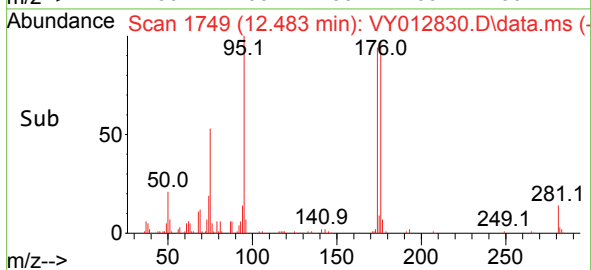
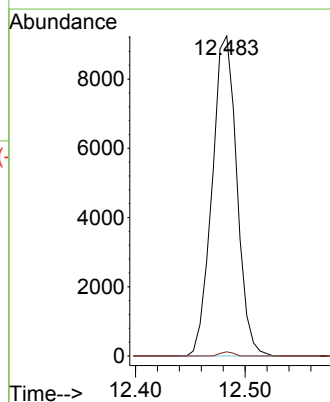
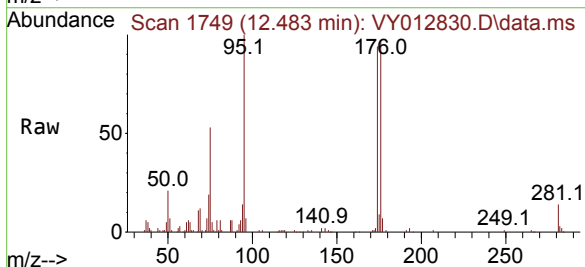
Instrument :
 MSVOA_Y
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 COMP-1

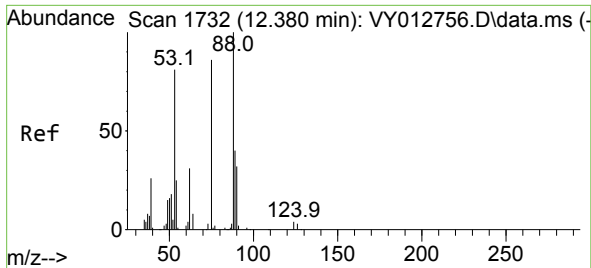
Tgt Ion:152 Resp: 32513
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.1 81.3
 150 154.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 37.313 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012830.D
 Acq: 06 Mar 2023 17:44

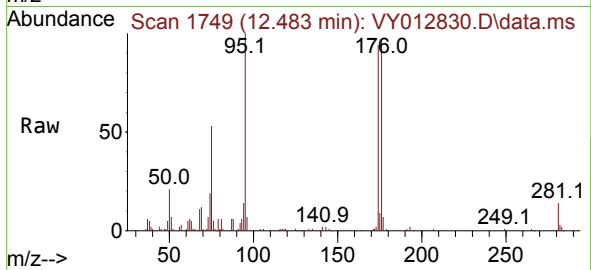
Tgt Ion: 75 Resp: 14487
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.313 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012830.D
 Acq: 06 Mar 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1



Tgt Ion: 75 Resp: 14487
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

