

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016383.D
 Acq On : 16 Nov 2023 12:55
 Operator : SY/MD
 Sample : 05446-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

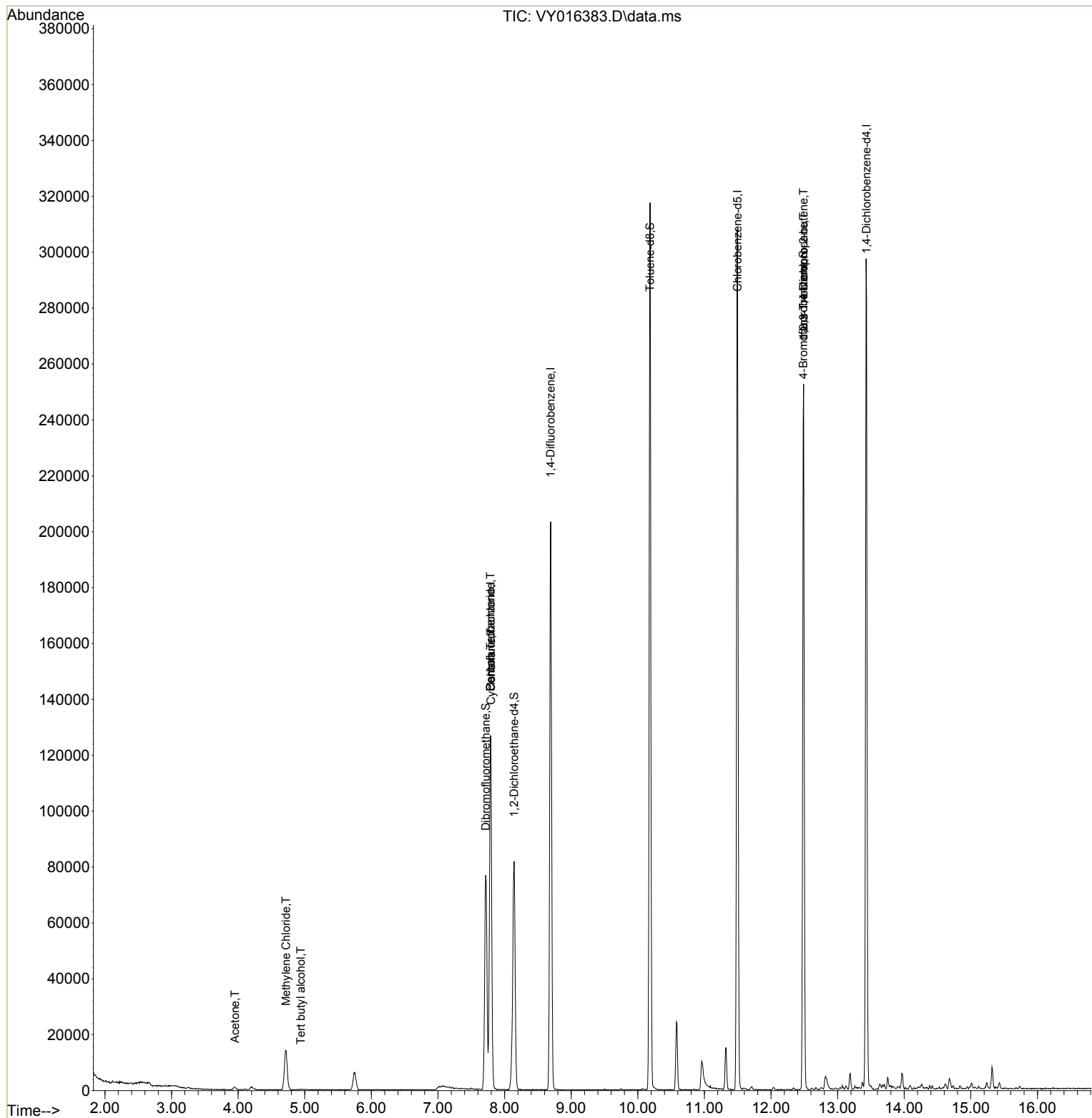
Internal Standards						
1) Pentafluorobenzene	7.789	168	100597	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	177648	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	173343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62242	67.697	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.400%	
35) Dibromofluoromethane	7.716	113	56676	56.162	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.320%	
50) Toluene-d8	10.185	98	209986	51.312	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	12.483	95	73154	55.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	407	5.653	ug/l #	89
16) Acetone	3.954	43	1855	12.197	ug/l	98
20) Methylene Chloride	4.716	84	11581	7.845	ug/l #	84
31) Cyclohexane	7.795	56	1812	1.001	ug/l #	1
38) Carbon Tetrachloride	7.789	117	9617	5.288	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	37662	49.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37662	108.301	ug/l #	11

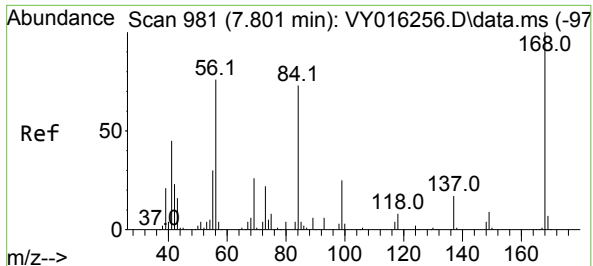
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
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MSVOA_Y
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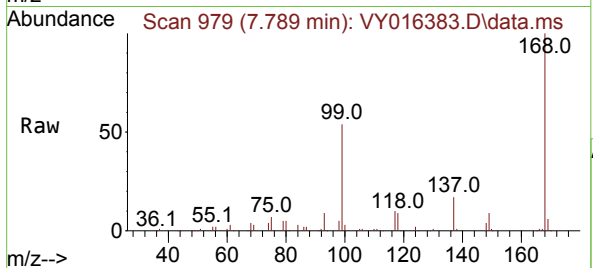
Quant Time: Nov 17 04:04:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



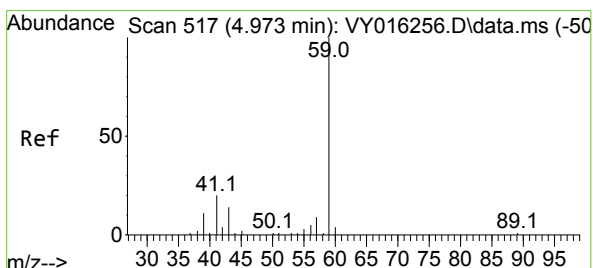
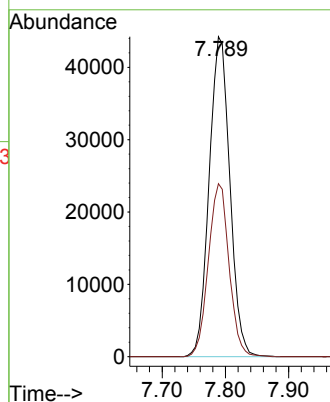
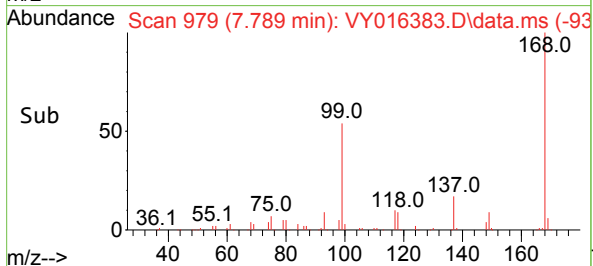


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

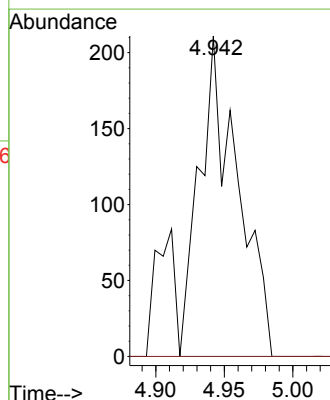
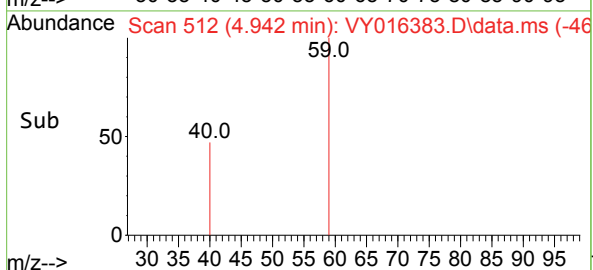
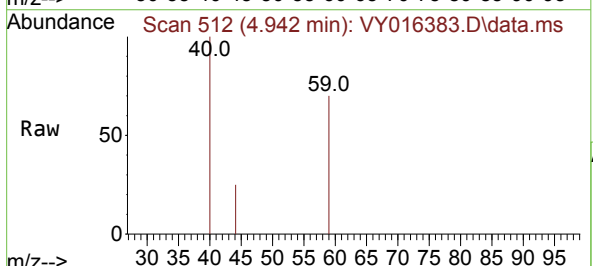


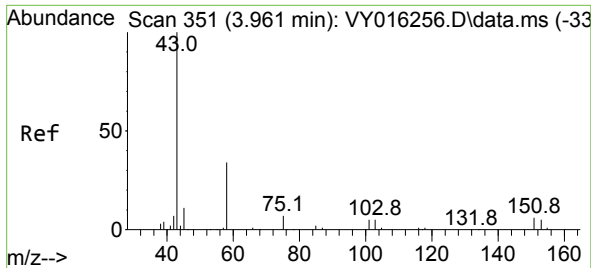
Tgt Ion:168 Resp: 100597
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.653 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 12.197 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016383.D

Acq: 16 Nov 2023 12:55

Instrument :

MSVOA_Y

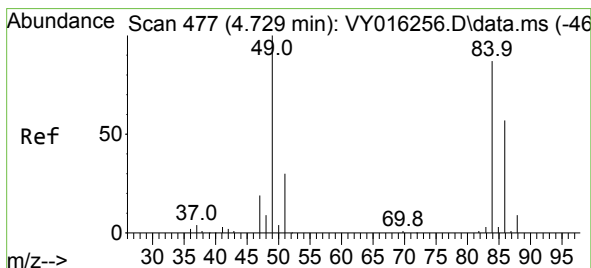
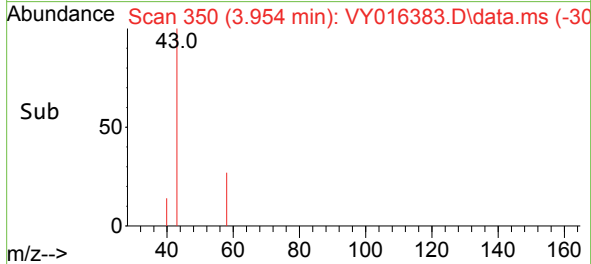
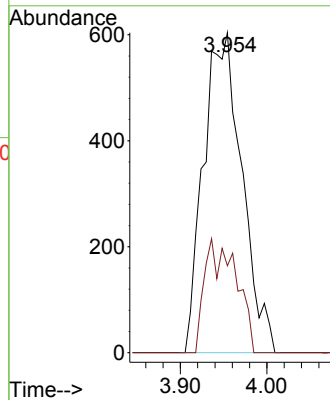
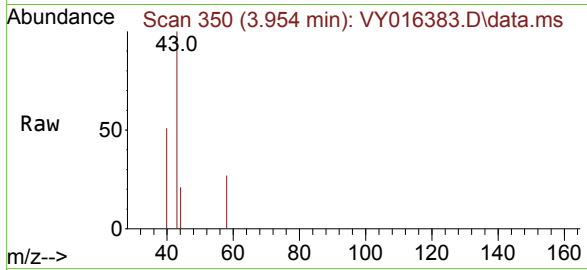
ClientSampleId :

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

58 27.2 22.7 34.1



#20

Methylene Chloride

Concen: 7.845 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY016383.D

Acq: 16 Nov 2023 12:55

Tgt Ion: 84 Resp: 11581

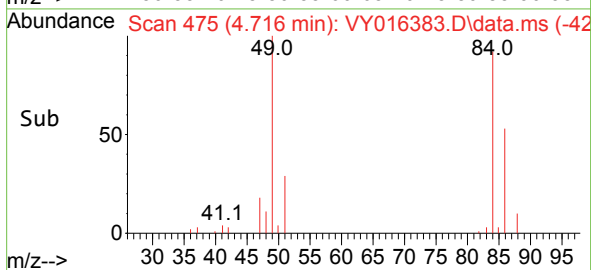
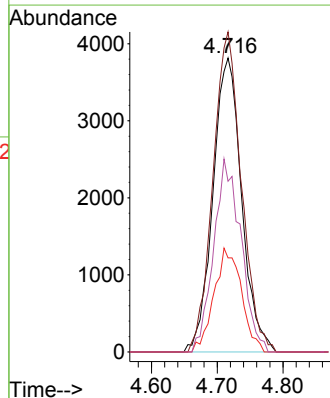
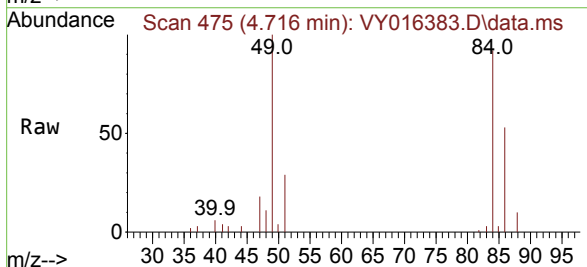
Ion Ratio Lower Upper

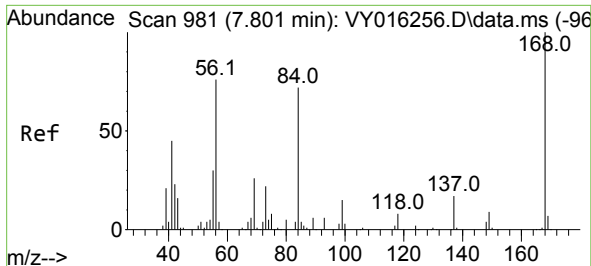
84 100

49 108.9 106.9 160.3

51 32.0 33.2 49.8#

86 58.1 51.0 76.6

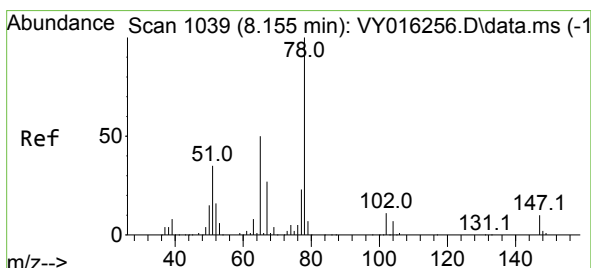
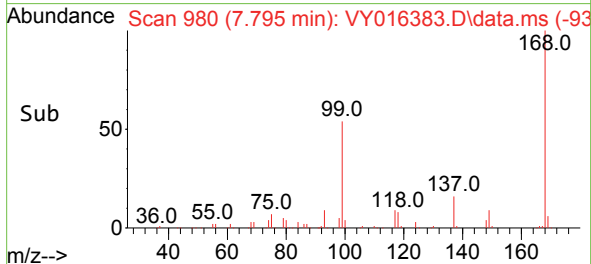
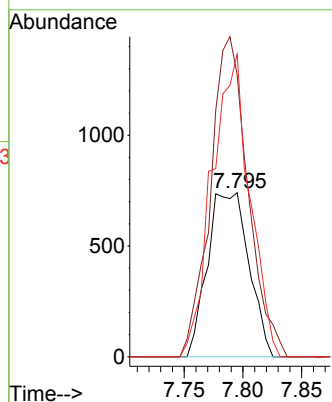
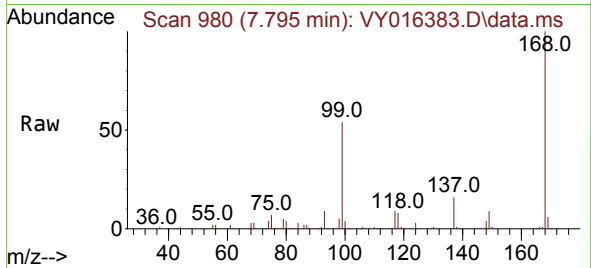




#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

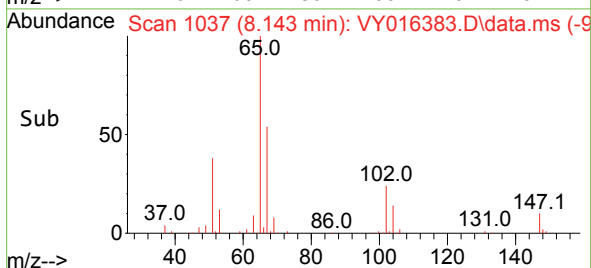
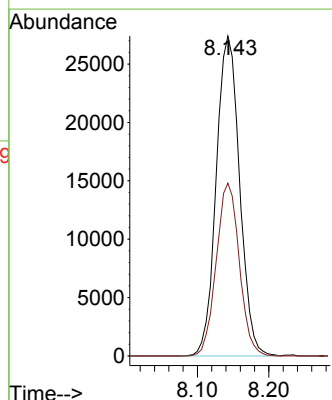
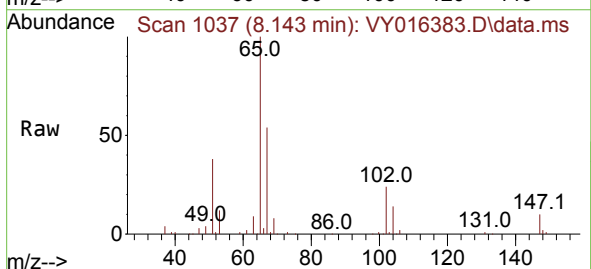
Instrument :
MSVOA_Y
ClientSampleId :

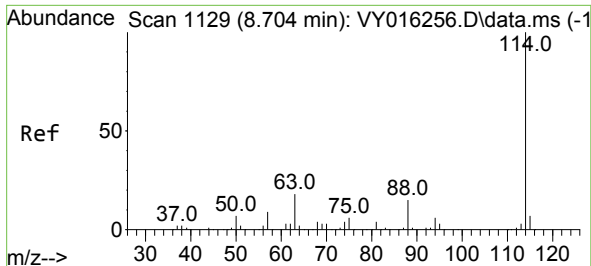
Tgt Ion: 56 Resp: 1812
Ion Ratio Lower Upper
56 100
69 171.8 27.8 41.6#
84 184.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.697 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion: 65 Resp: 62242
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8

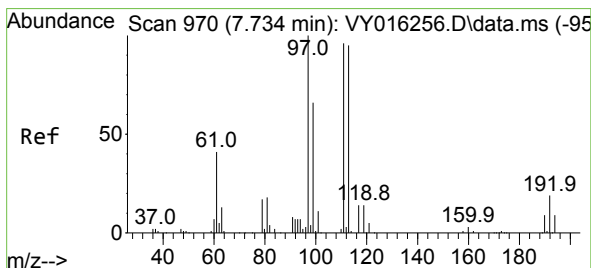
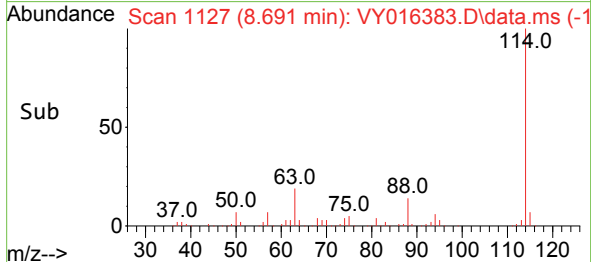
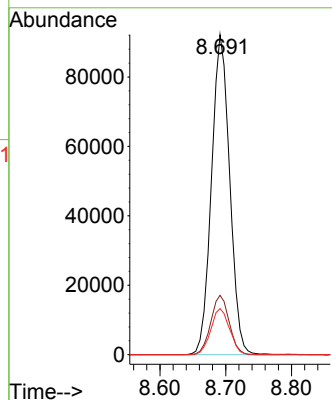
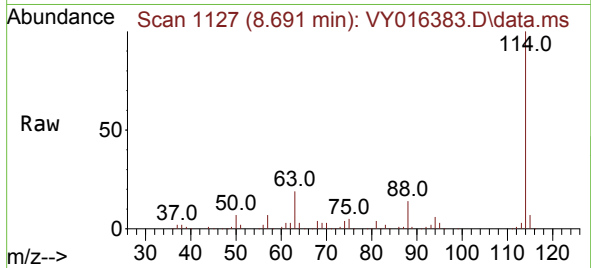




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1129
Delta R.T. -0.012 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

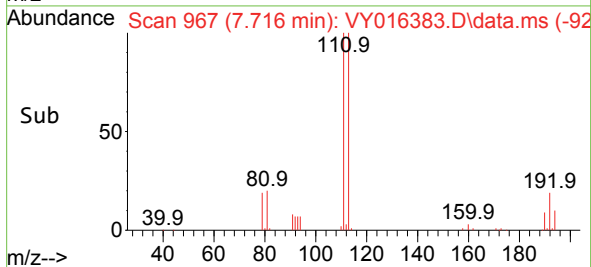
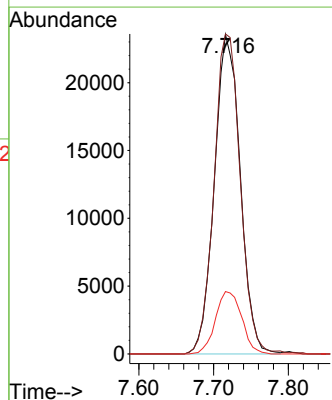
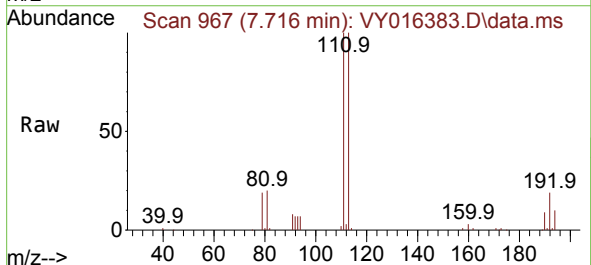
Instrument :
MSVOA_Y
ClientSampleId :

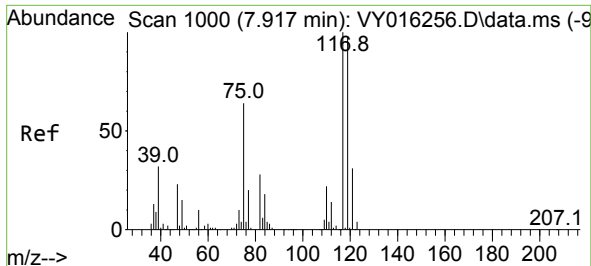
Tgt Ion:114 Resp: 177648
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.162 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

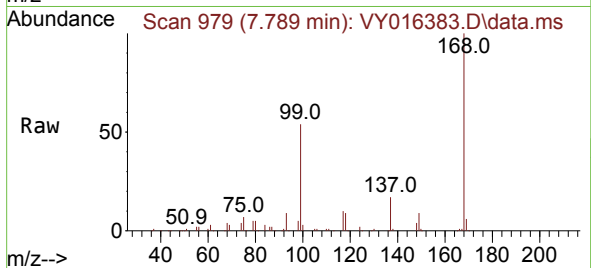
Tgt Ion:113 Resp: 56676
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.8 16.9 25.3



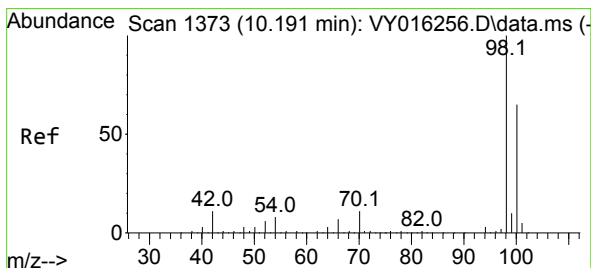
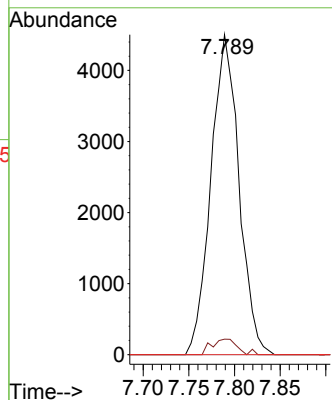
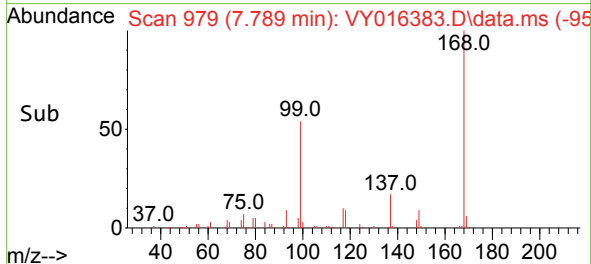


#38
Carbon Tetrachloride
Concen: 5.288 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

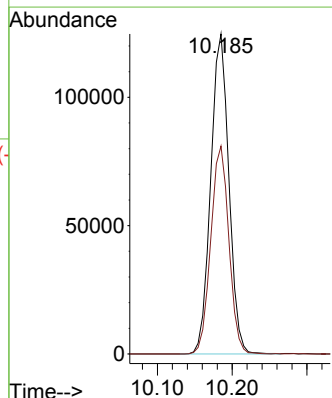
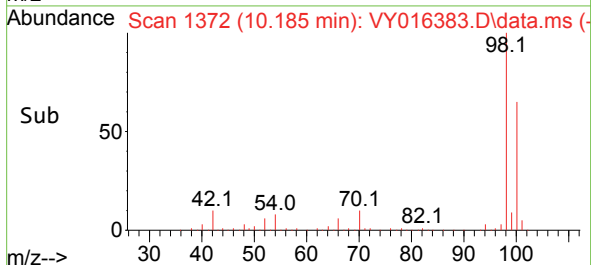
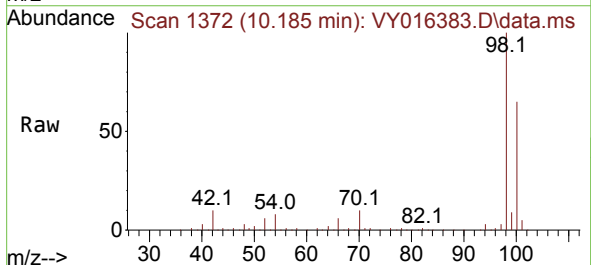


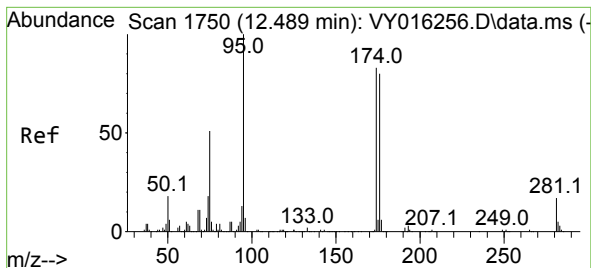
Tgt Ion:117 Resp: 9617
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.312 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion: 98 Resp: 209986
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

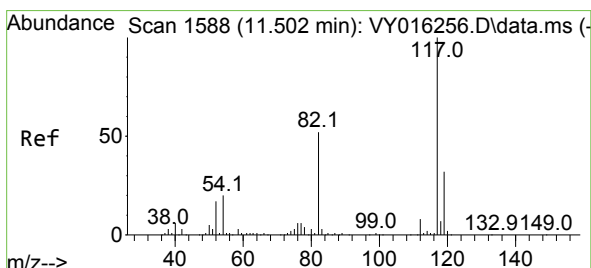
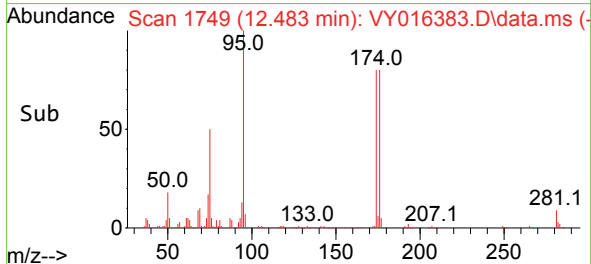
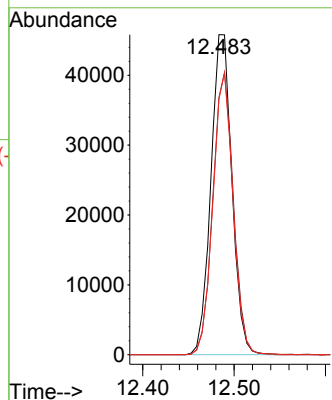
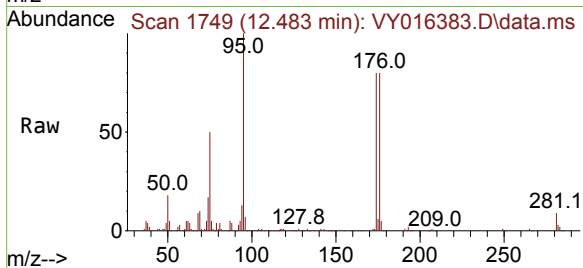




#62
4-Bromofluorobenzene
Concen: 55.039 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

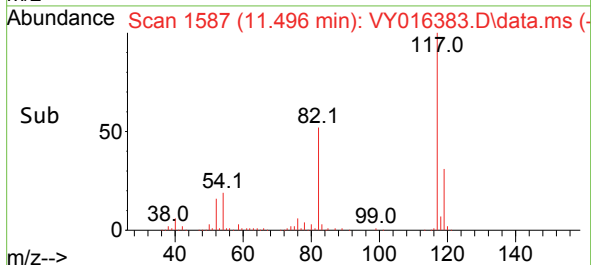
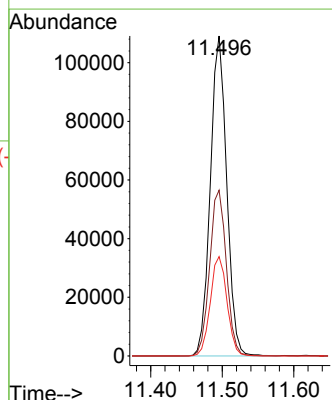
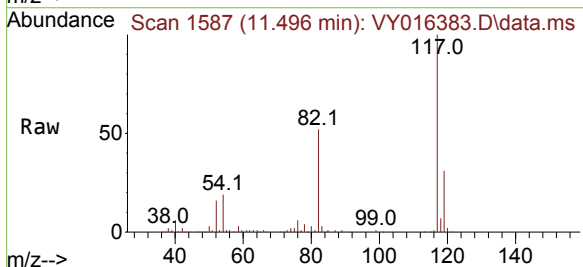
Instrument :
MSVOA_Y
ClientSampleId :

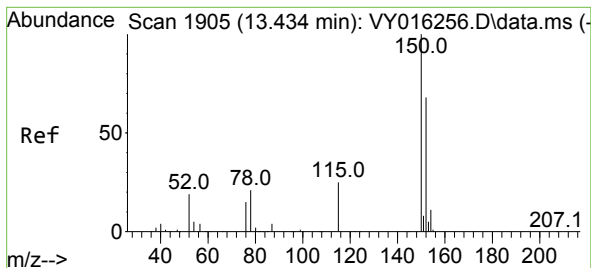
Tgt Ion: 95 Resp: 73154
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 84.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion: 117 Resp: 173343
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

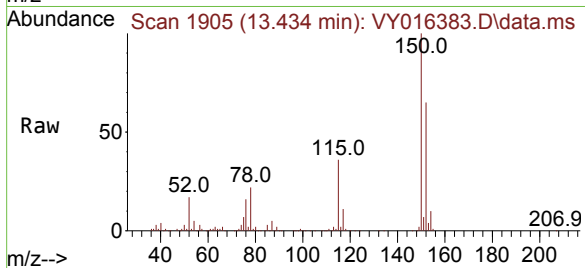
Lab File: VY016383.D

Acq: 16 Nov 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :



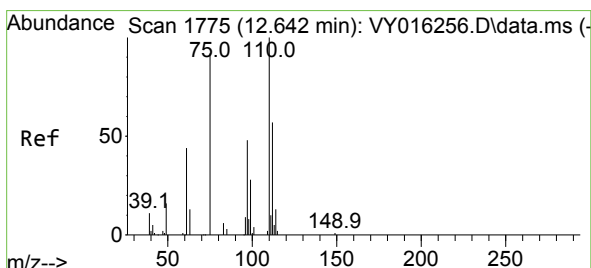
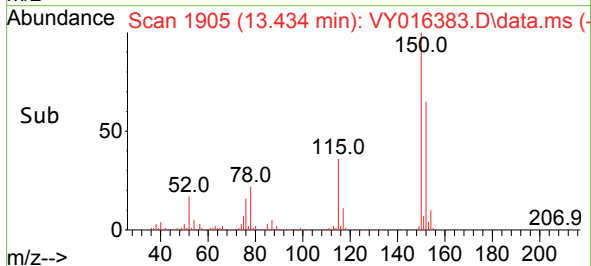
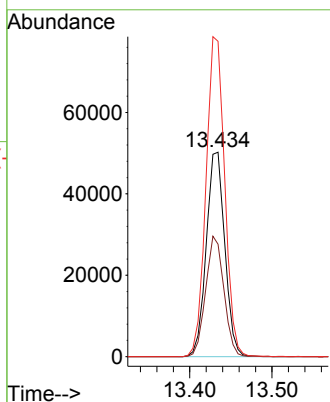
Tgt Ion:152 Resp: 78686

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 49.895 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016383.D

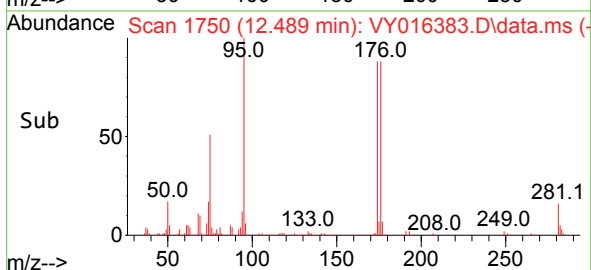
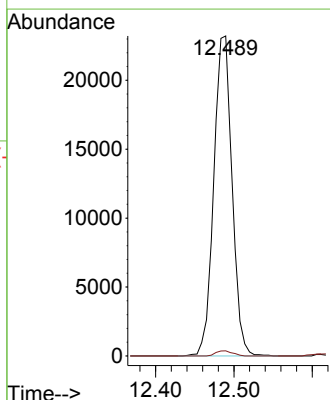
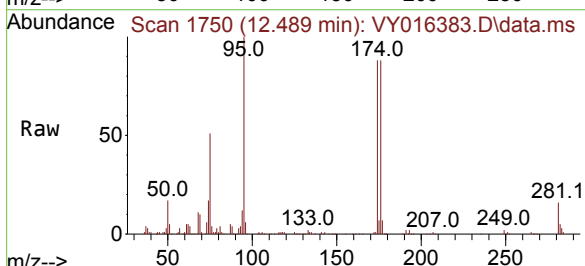
Acq: 16 Nov 2023 12:55

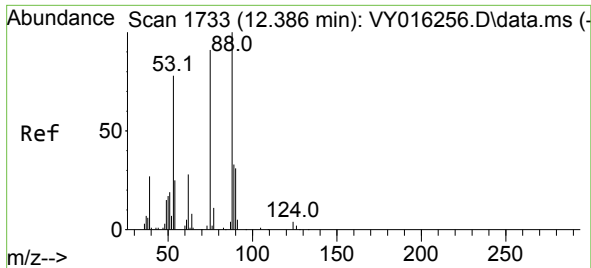
Tgt Ion: 75 Resp: 37662

Ion Ratio Lower Upper

75 100

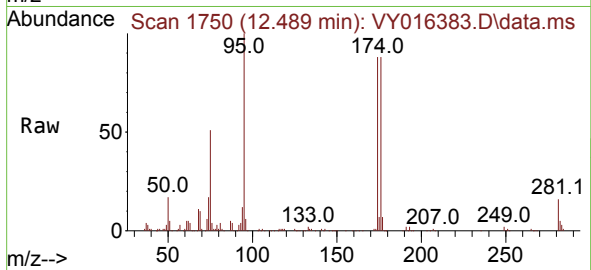
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.301 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016383.D
 Acq: 16 Nov 2023 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37662
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

