

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012281.D
 Acq On : 20 Jan 2023 11:32
 Operator : KP/MD
 Sample : VY0120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBL01

Quant Time: Jan 23 02:15:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

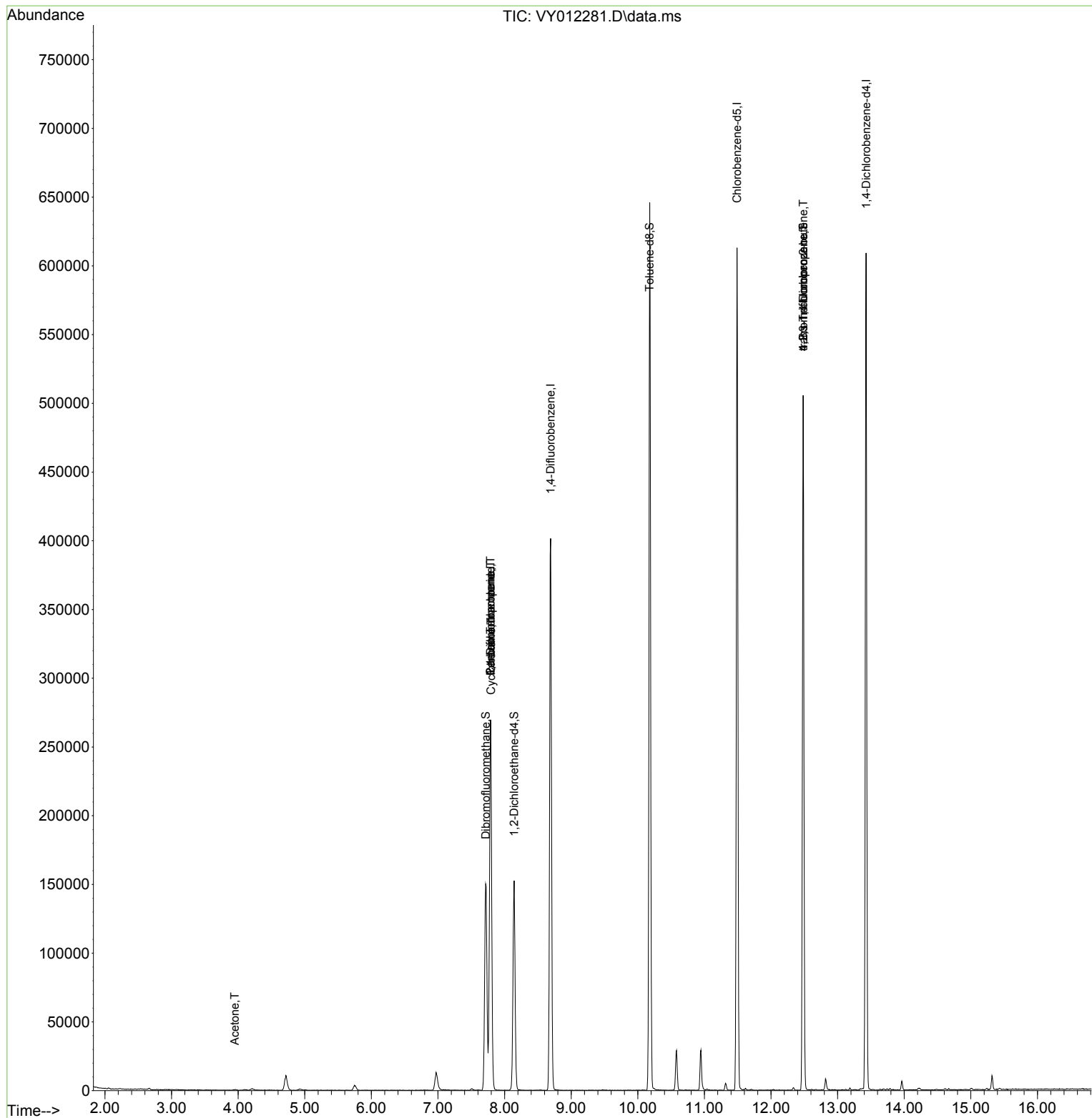
Internal Standards						
1) Pentafluorobenzene	7.789	168	217392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121702	69.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.080%
35) Dibromofluoromethane	7.716	113	107474	56.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.460%
50) Toluene-d8	10.179	98	426222	65.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.440%
62) 4-Bromofluorobenzene	12.483	95	144304	53.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	974	Below Cal	#	74
16) Acetone	3.948	43	787	1.300	ug/l #	70
20) Methylene Chloride	4.722	84	8271	Below Cal		93
31) Cyclohexane	7.795	56	3685	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14857	4.574	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20731	4.942	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	74416	50.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74416	103.469	ug/l #	13

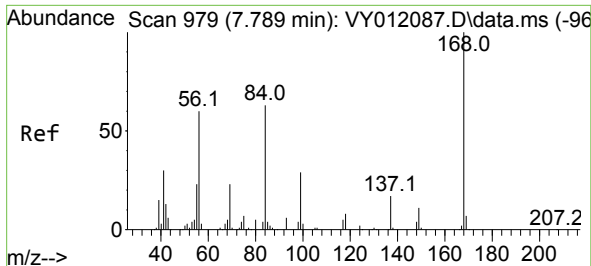
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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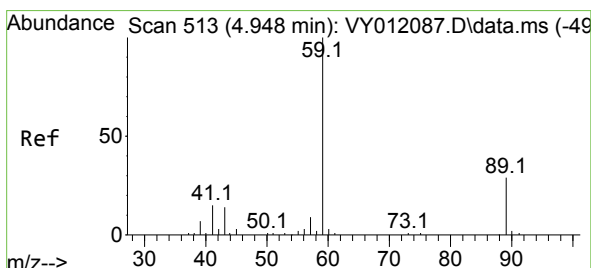
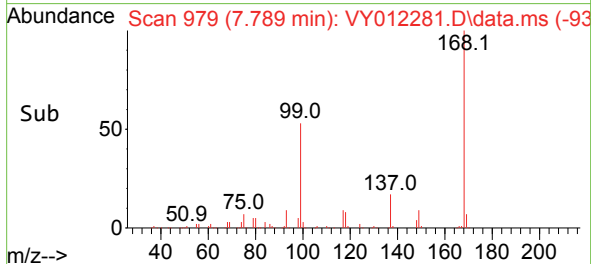
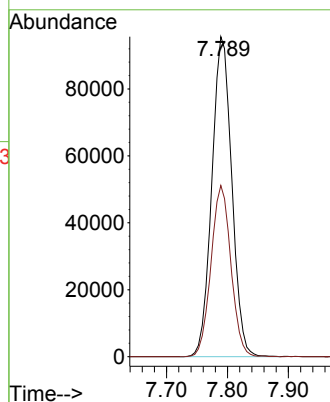
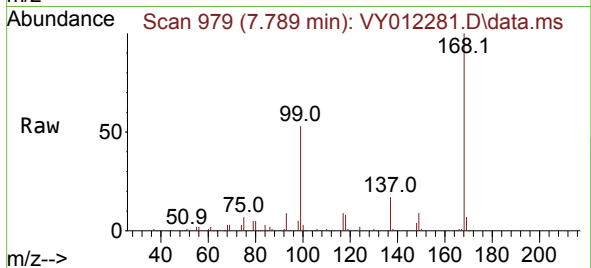




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

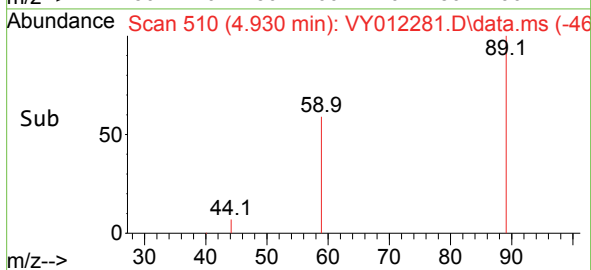
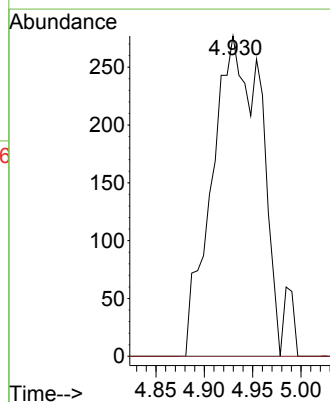
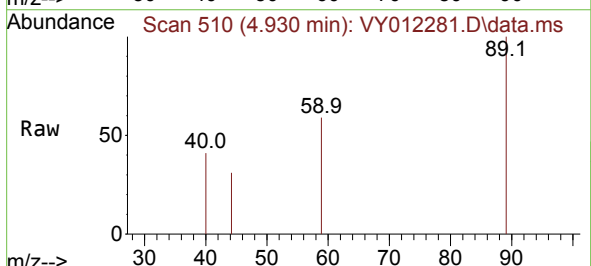
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

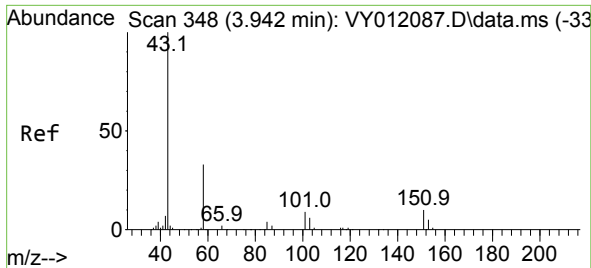
Tgt Ion:168 Resp: 217392
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

Tgt Ion: 59 Resp: 974
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

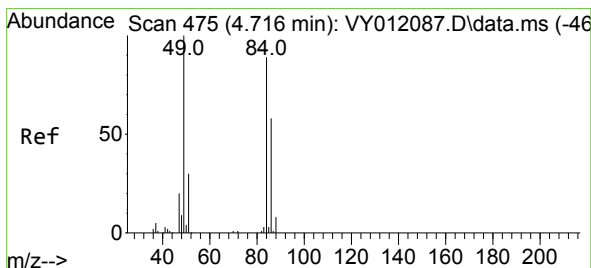
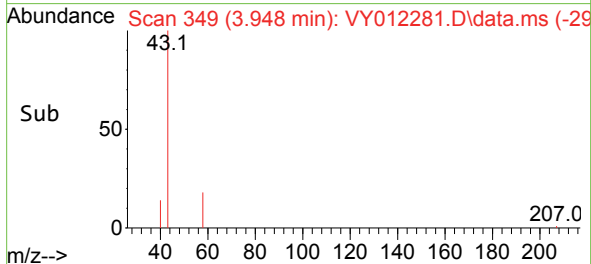
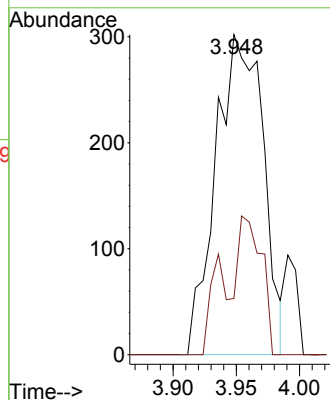
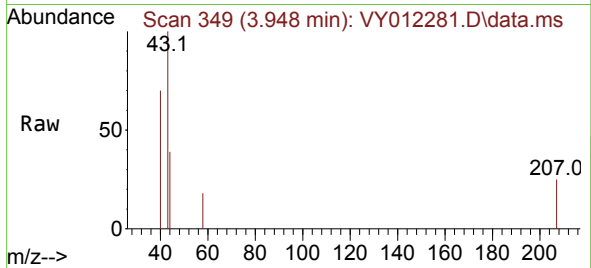




#16
 Acetone
 Concen: 1.300 ug/l
 RT: 3.948 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VY012281.D
 Acq: 20 Jan 2023 11:32

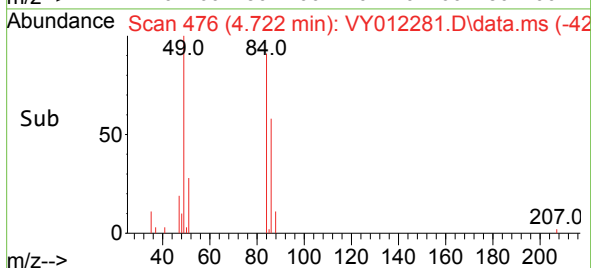
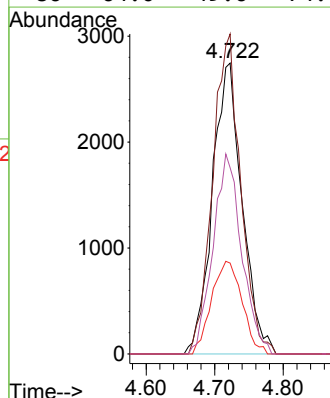
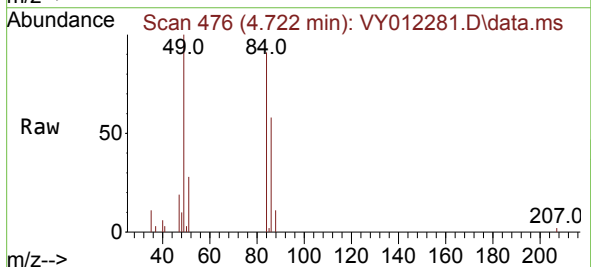
Instrument :
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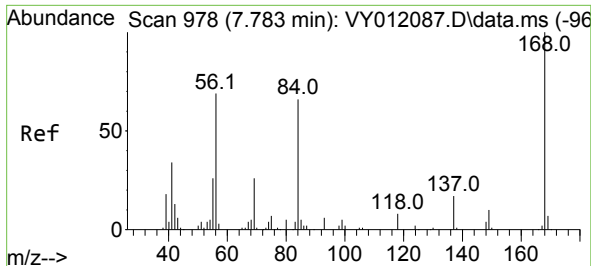
Tgt Ion: 43 Resp: 787
 Ion Ratio Lower Upper
 43 100
 58 17.5 27.9 41.9#



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.722 min Scan# 476
 Delta R.T. 0.006 min
 Lab File: VY012281.D
 Acq: 20 Jan 2023 11:32

Tgt Ion: 84 Resp: 8271
 Ion Ratio Lower Upper
 84 100
 49 110.0 95.4 143.2
 51 31.2 29.9 44.9
 86 64.0 49.6 74.4

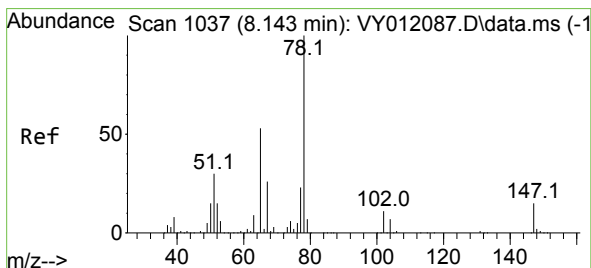
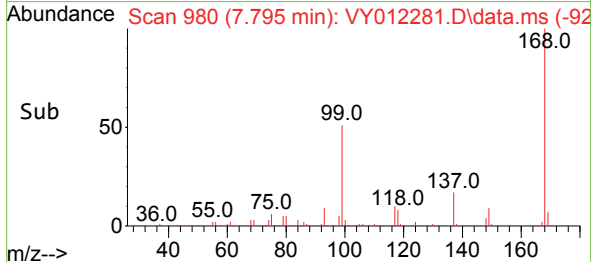
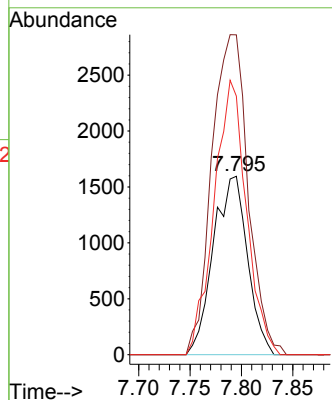
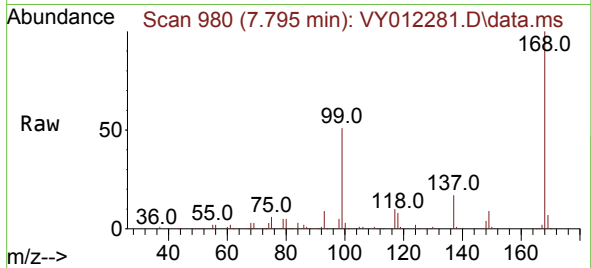




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

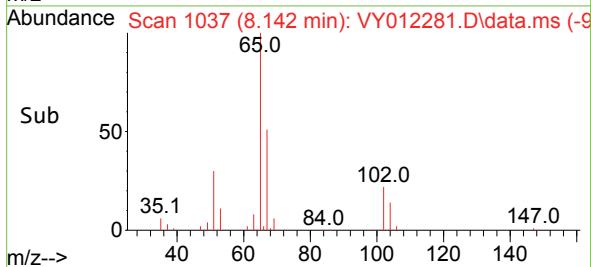
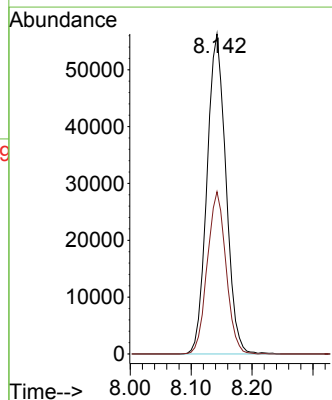
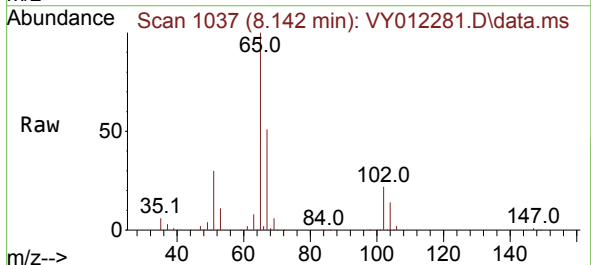
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

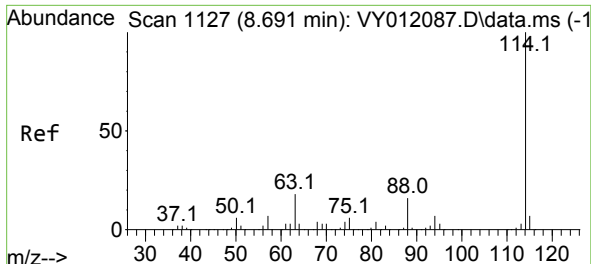
Tgt Ion: 56 Resp: 3685
Ion Ratio Lower Upper
56 100
69 179.3 29.2 43.8#
84 144.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 69.037 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

Tgt Ion: 65 Resp: 121702
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012281.D

Acq: 20 Jan 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBL01

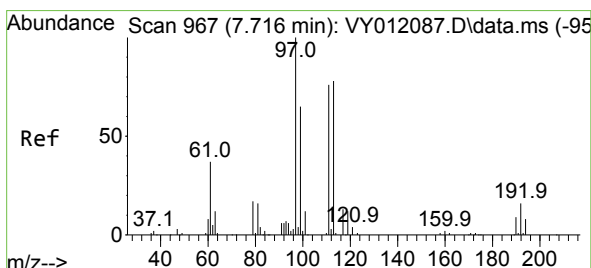
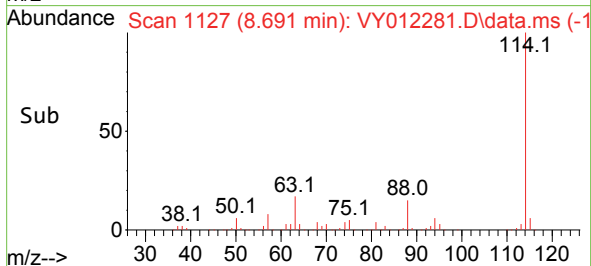
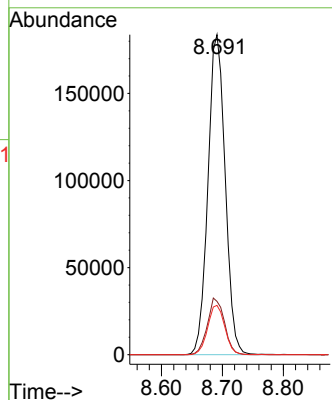
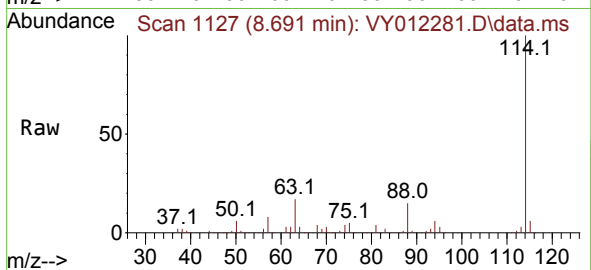
Tgt Ion:114 Resp: 360969

Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.230 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012281.D

Acq: 20 Jan 2023 11:32

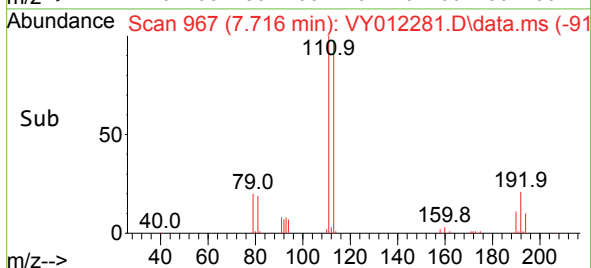
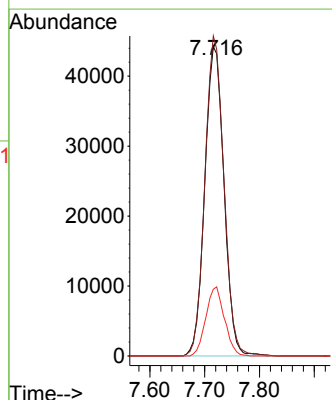
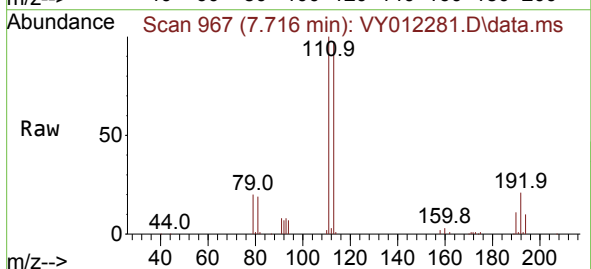
Tgt Ion:113 Resp: 107474

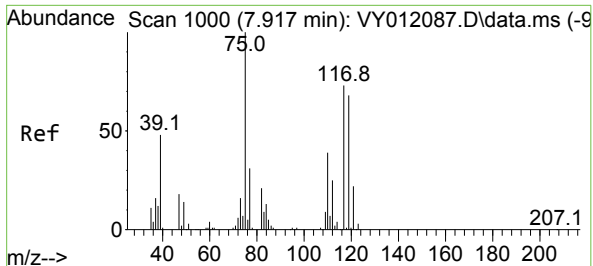
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 21.6 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.574 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012281.D

Acq: 20 Jan 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBL01

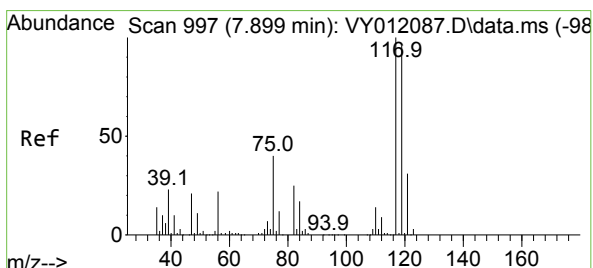
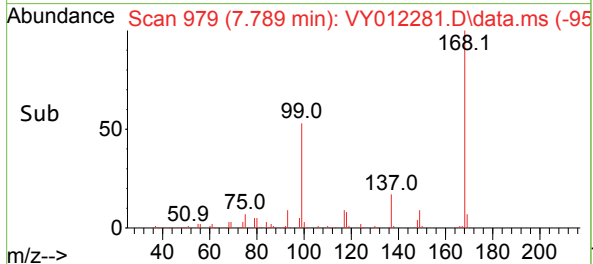
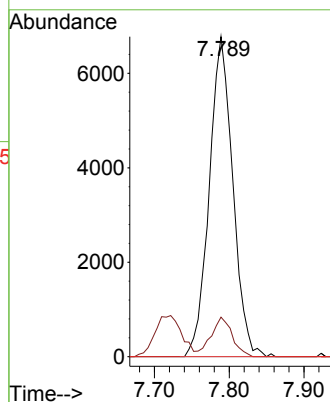
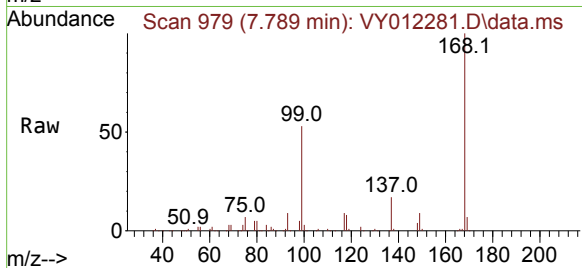
Tgt Ion: 75 Resp: 14857

Ion Ratio Lower Upper

75 100

110 10.9 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.942 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012281.D

Acq: 20 Jan 2023 11:32

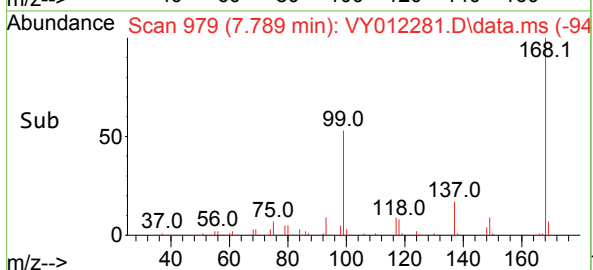
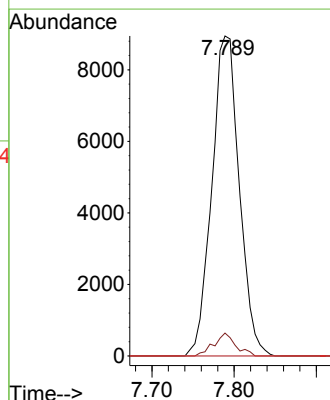
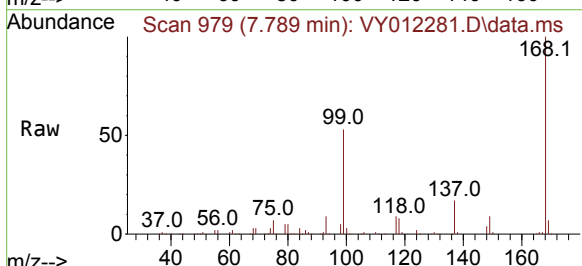
Tgt Ion: 117 Resp: 20731

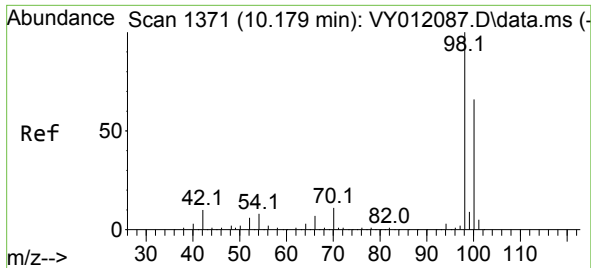
Ion Ratio Lower Upper

117 100

119 7.1 73.8 110.8#

121 0.0 25.2 37.8#

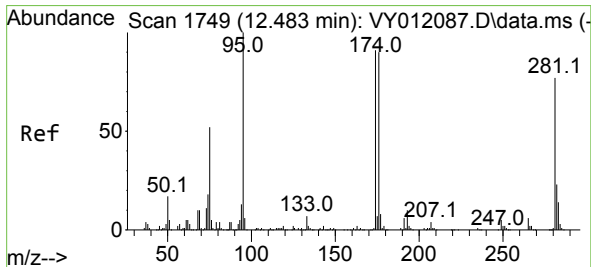
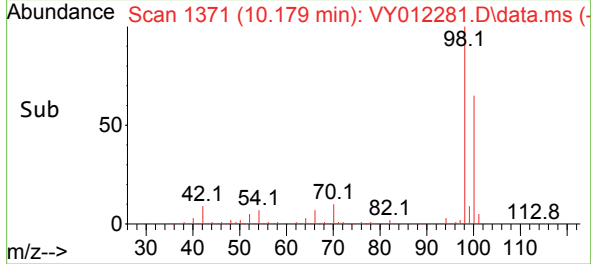
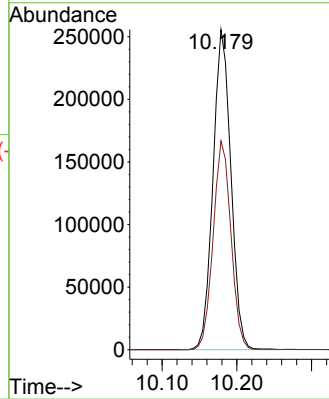
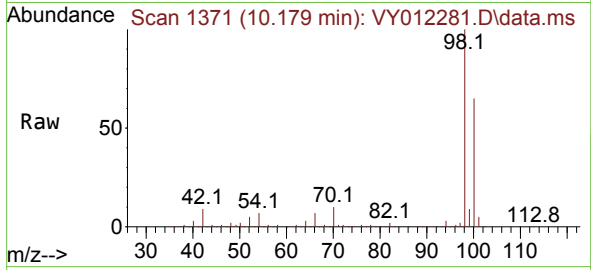




#50
Toluene-d8
Concen: 65.723 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

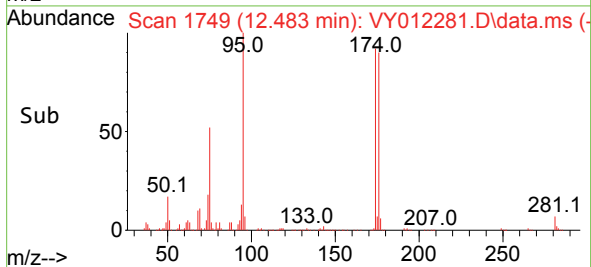
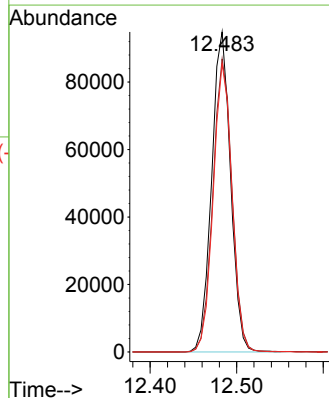
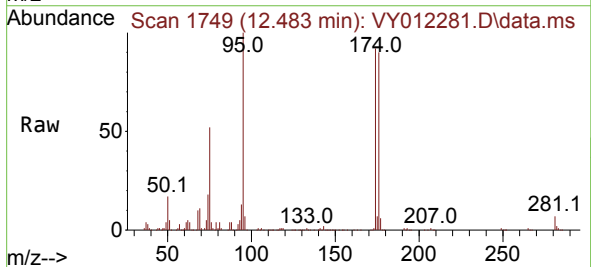
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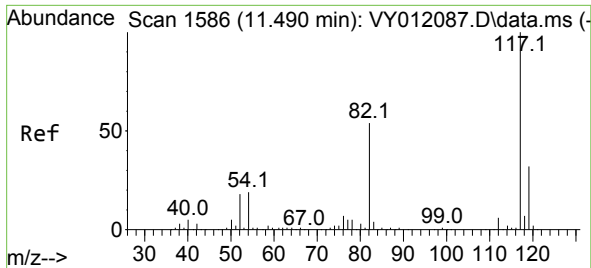
Tgt Ion: 98 Resp: 426222
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

Tgt Ion: 95 Resp: 144304
Ion Ratio Lower Upper
95 100
174 92.6 0.0 172.0
176 89.2 0.0 167.6

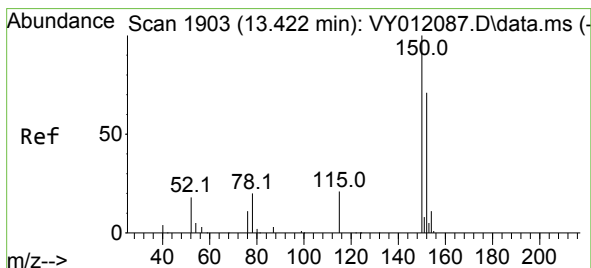
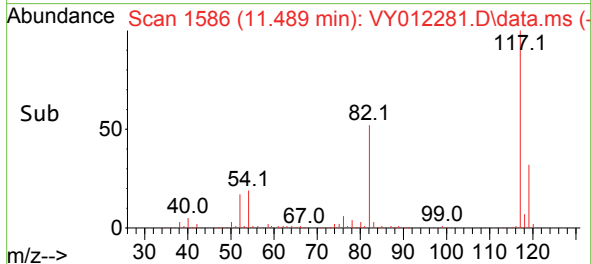
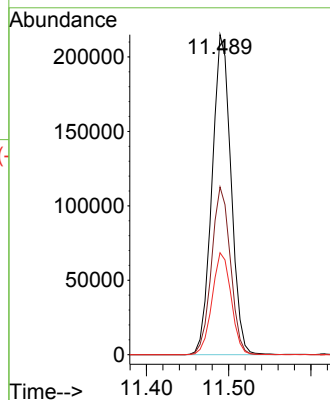
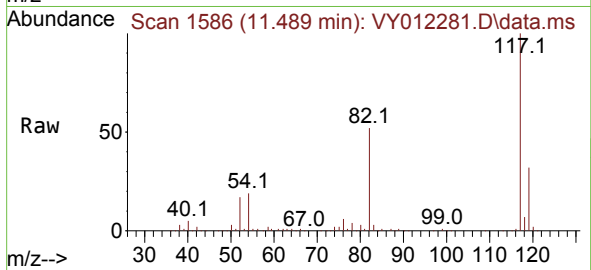




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

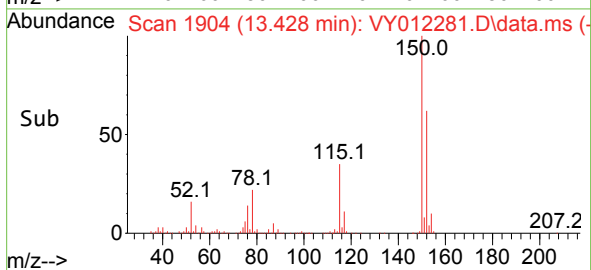
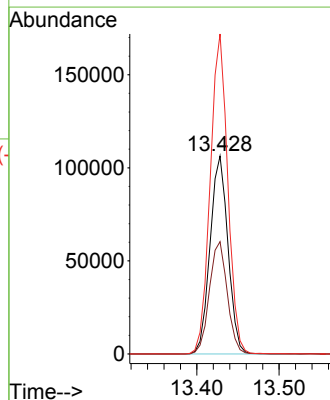
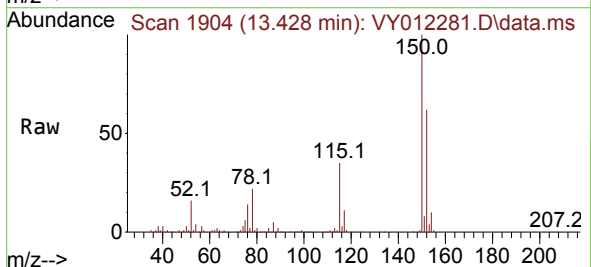
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

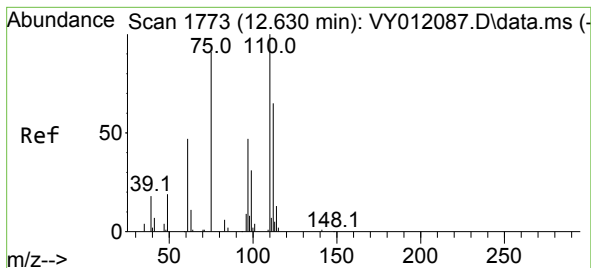
Tgt Ion:117 Resp: 344609
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012281.D
Acq: 20 Jan 2023 11:32

Tgt Ion:152 Resp: 161157
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 158.4 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 50.217 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY012281.D

Acq: 20 Jan 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

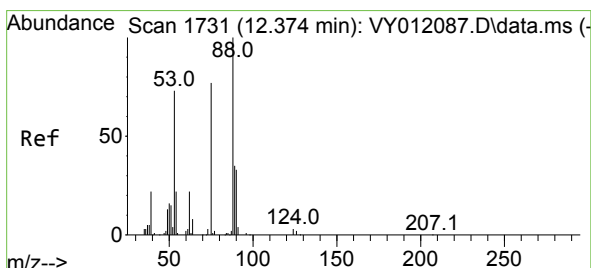
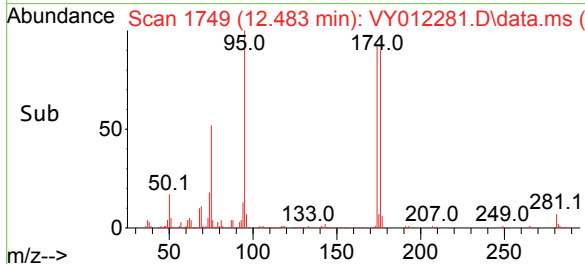
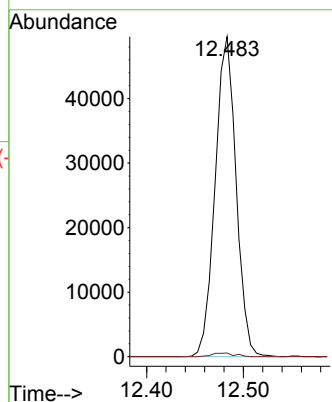
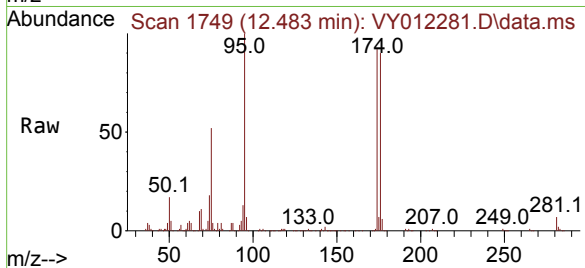
VY0120SBL01

Tgt Ion: 75 Resp: 74416

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.469 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.109 min

Lab File: VY012281.D

Acq: 20 Jan 2023 11:32

Tgt Ion: 75 Resp: 74416

Ion Ratio Lower Upper

75 100

53 0.0 72.5 108.7#

89 0.2 37.0 55.4#

