

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015969.D
 Acq On : 13 Oct 2023 19:47
 Operator : SY/MD
 Sample : 04888-01
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:52:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

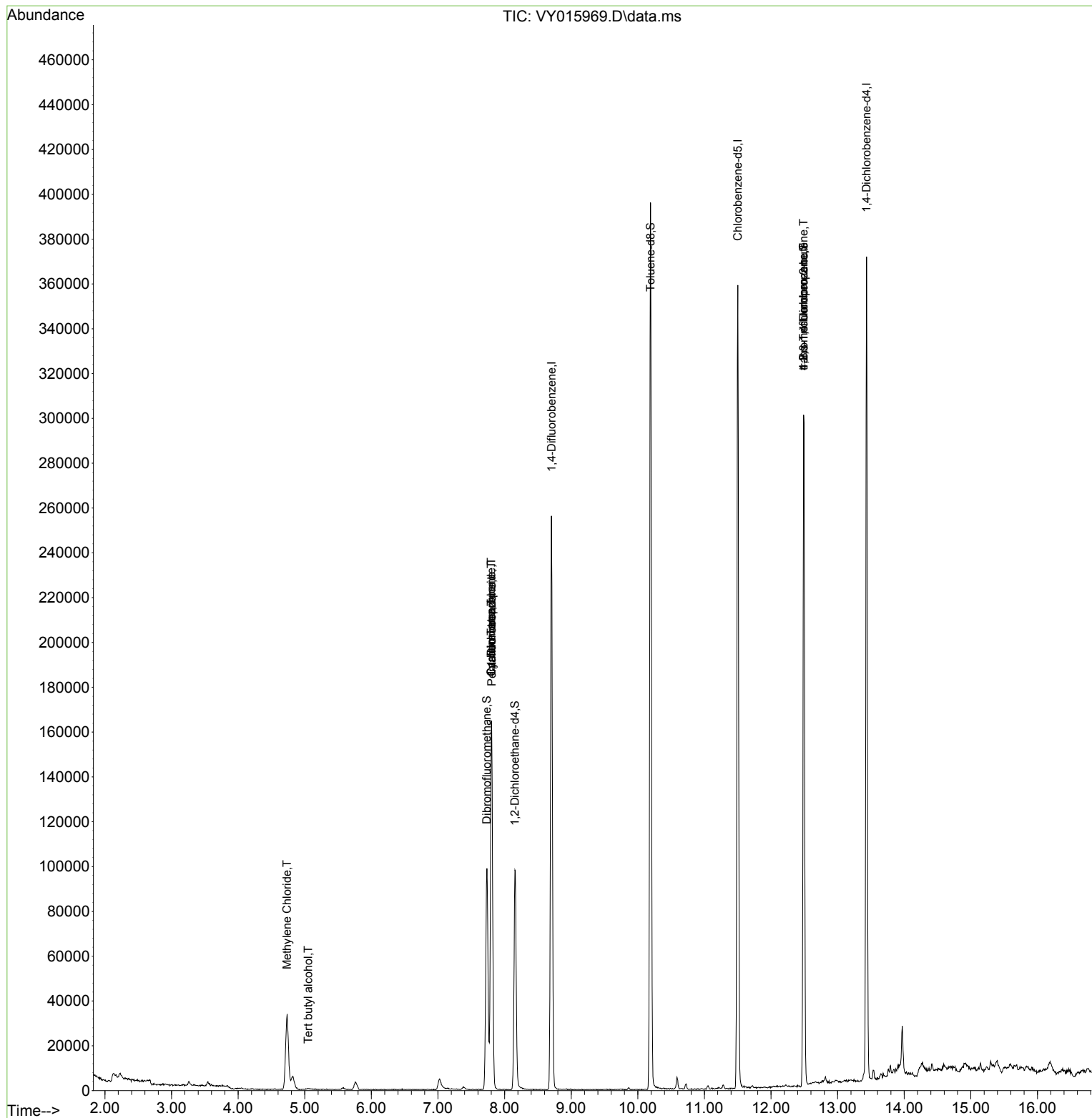
Internal Standards						
1) Pentafluorobenzene	7.807	168	130221	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	217936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	201770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81807	55.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.734	113	70966	51.724	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.191	98	258881	50.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.489	95	87338	47.736	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	602	Below Cal		98
11) Tert butyl alcohol	5.052	59	1050	1.218	ug/l #	89
20) Methylene Chloride	4.735	84	25545	12.373	ug/l	93
31) Cyclohexane	7.801	56	2497	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9805	4.736	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12850	5.894	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	45780	24.846	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	45780	58.529	ug/l #	11

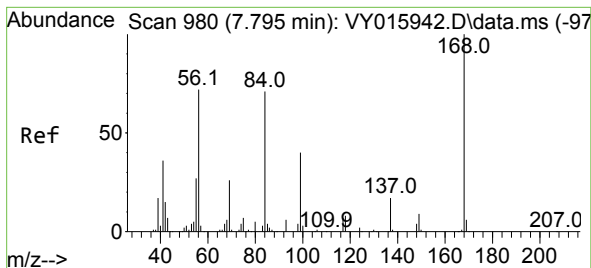
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 13 13:13:02 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Instrument :

MSVOA_Y

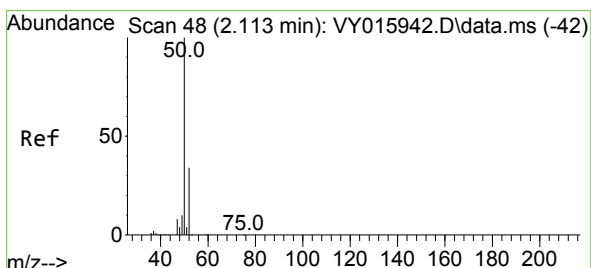
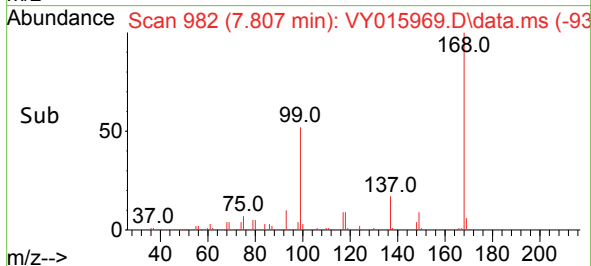
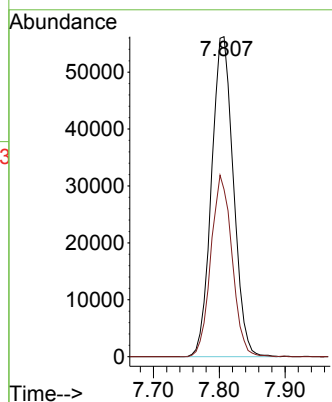
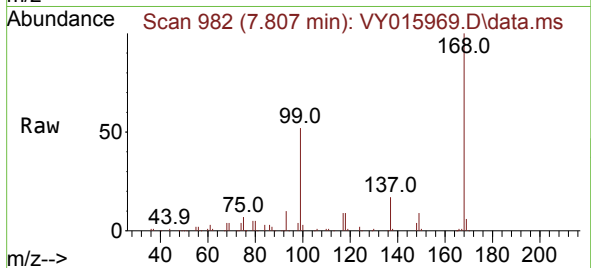
ClientSampleId :

Tgt Ion:168 Resp: 130221

Ion Ratio Lower Upper

168 100

99 52.2 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY015969.D

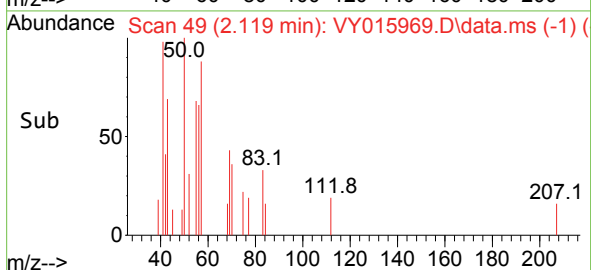
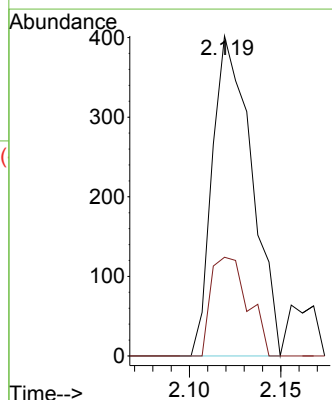
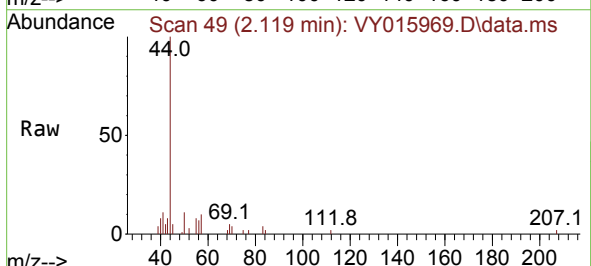
Acq: 13 Oct 2023 19:47

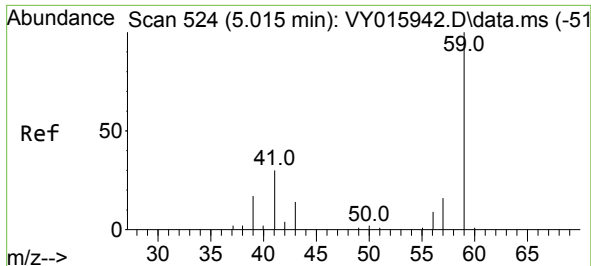
Tgt Ion: 50 Resp: 602

Ion Ratio Lower Upper

50 100

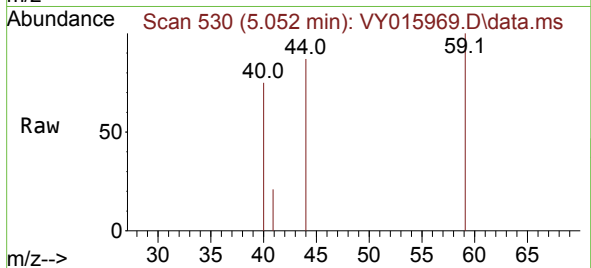
52 30.8 25.4 38.2



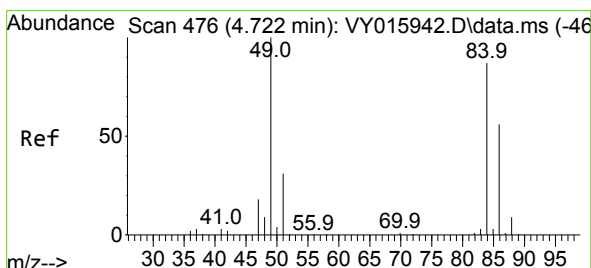
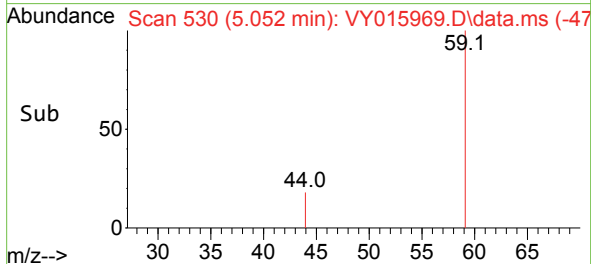
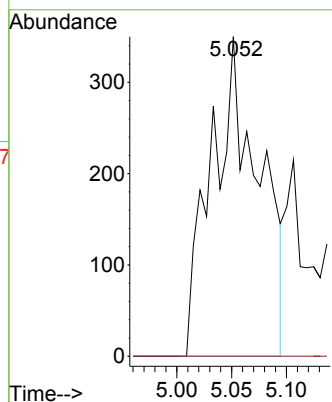


#11
Tert butyl alcohol
Concen: 1.218 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

Instrument :
MSVOA_Y
ClientSampleId :

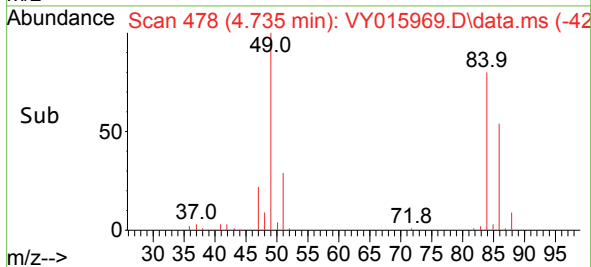
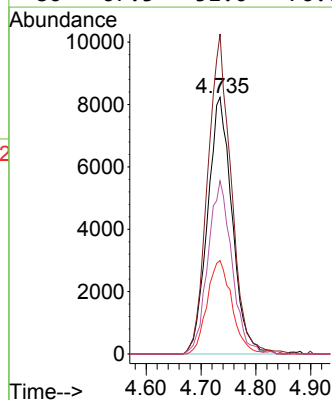
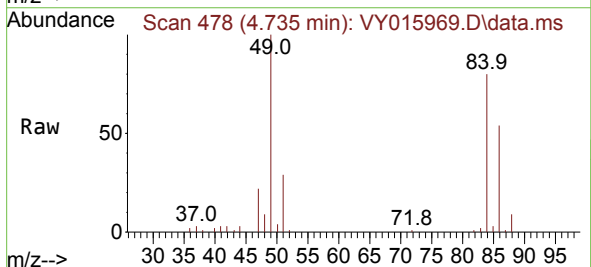


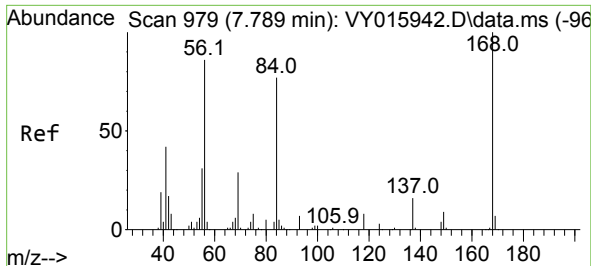
Tgt Ion: 59 Resp: 1050
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#20
Methylene Chloride
Concen: 12.373 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

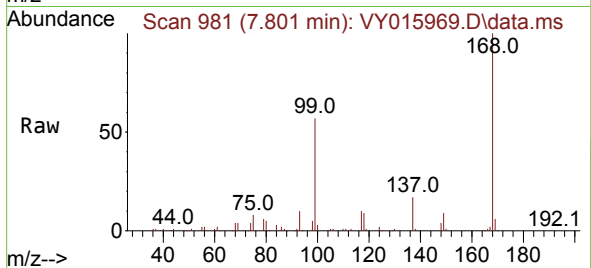
Tgt Ion: 84 Resp: 25545
Ion Ratio Lower Upper
84 100
49 124.7 106.9 160.3
51 36.4 33.2 49.8
86 67.5 51.0 76.6



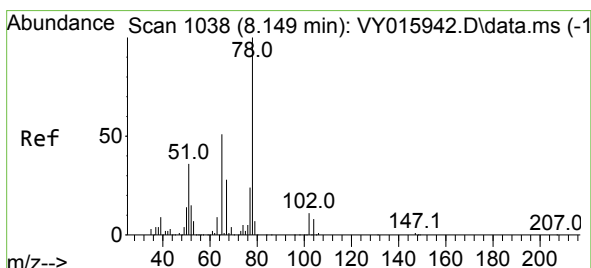
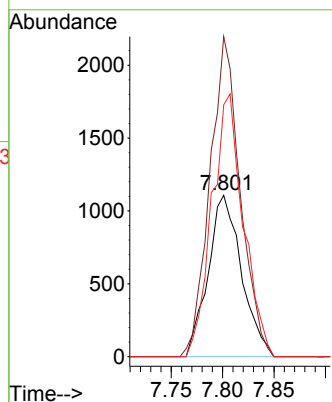
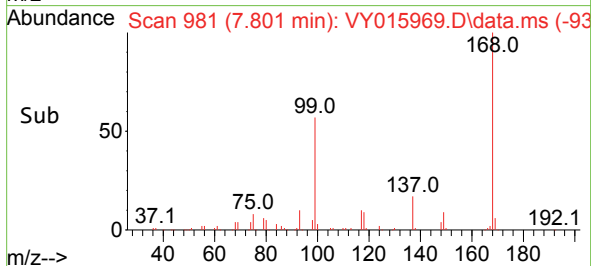


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

Instrument :
MSVOA_Y
ClientSampleId :

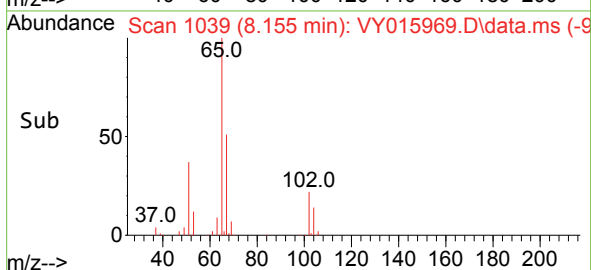
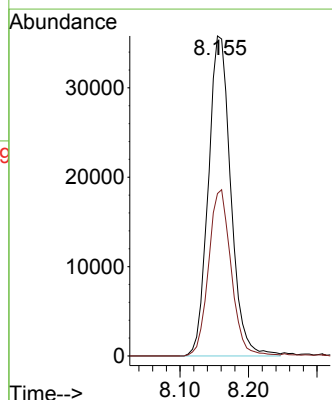
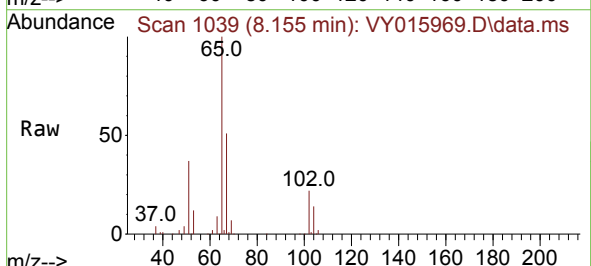


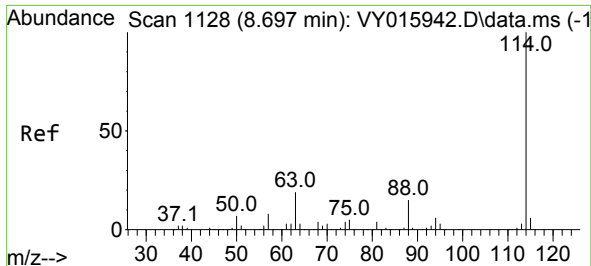
Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 198.2 27.8 41.6#
84 156.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.045 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

Tgt Ion: 65 Resp: 81807
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

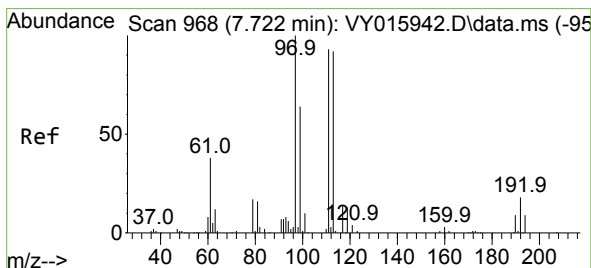
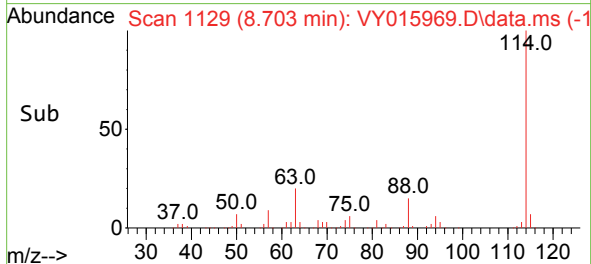
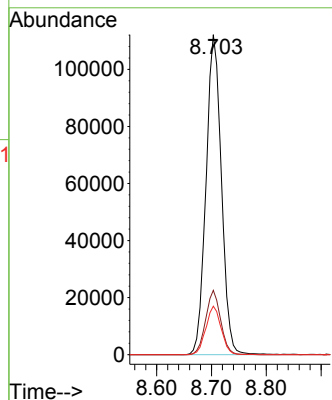
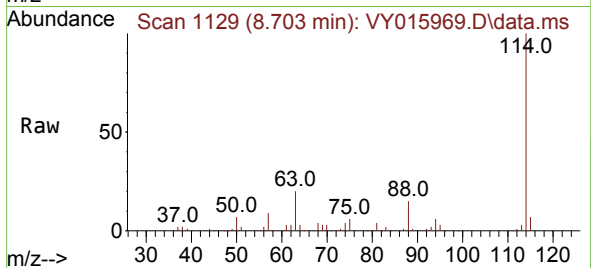
Tgt Ion:114 Resp: 217936

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.724 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

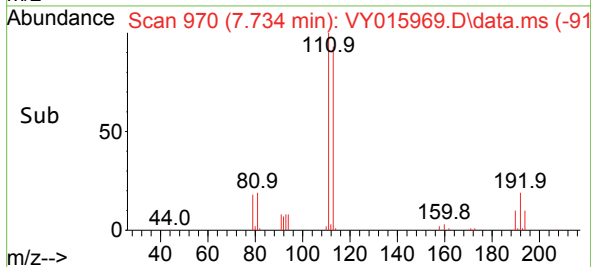
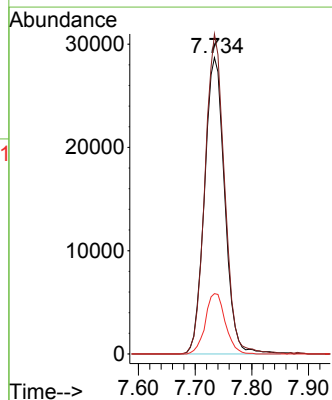
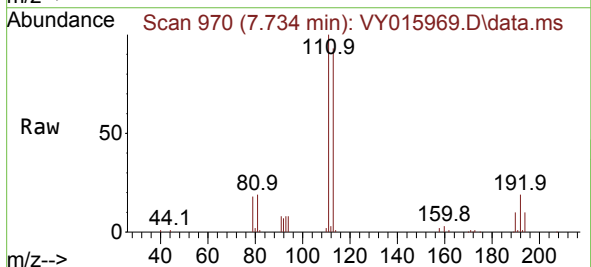
Tgt Ion:113 Resp: 70966

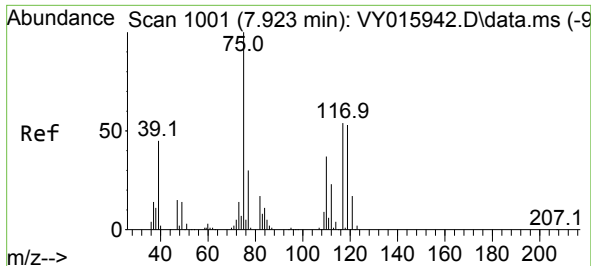
Ion Ratio Lower Upper

113 100

111 104.8 81.3 121.9

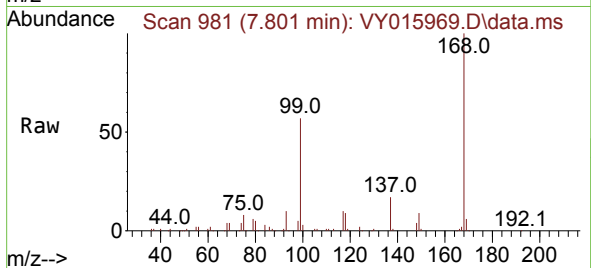
192 20.1 16.9 25.3



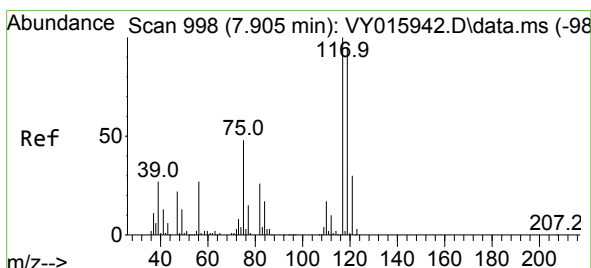
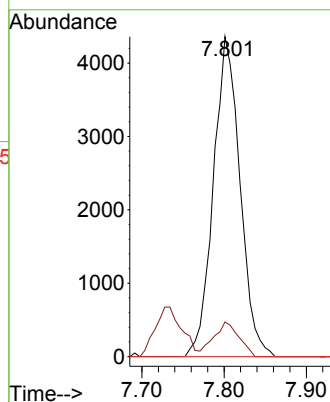
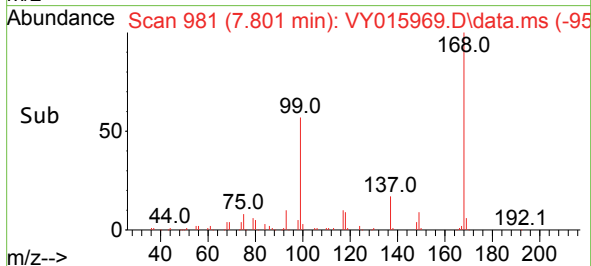


#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

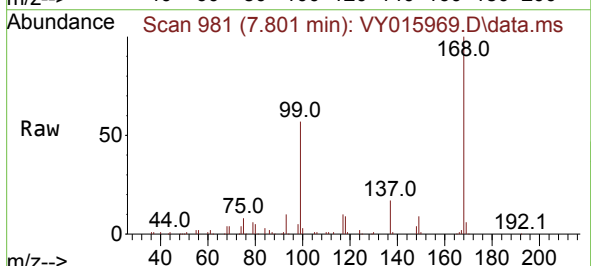
Instrument :
MSVOA_Y
ClientSampleId :



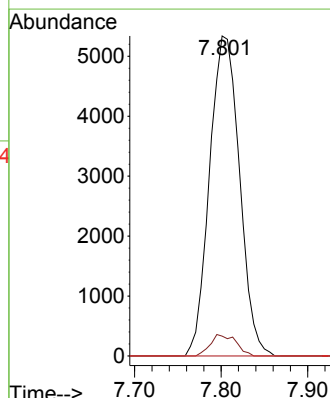
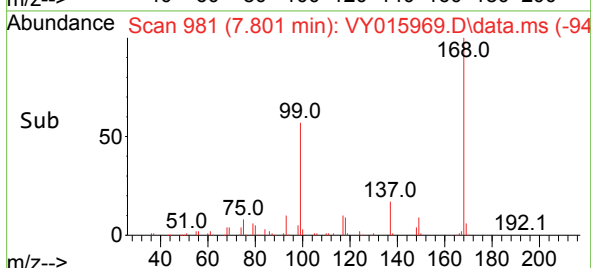
Tgt Ion: 75 Resp: 9805
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#

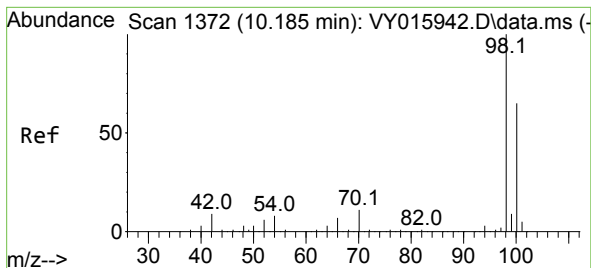


#38
Carbon Tetrachloride
Concen: 5.894 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47



Tgt Ion: 117 Resp: 12850
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.384 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Instrument :

MSVOA_Y

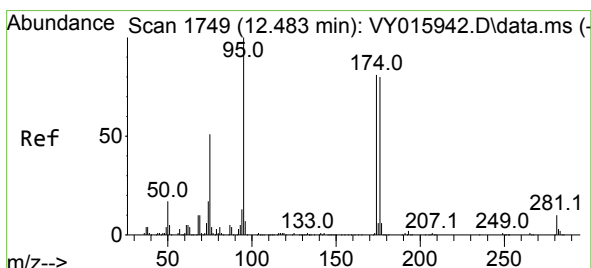
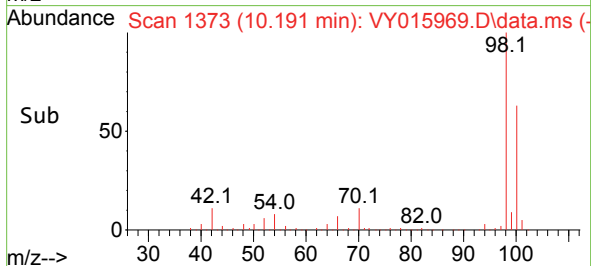
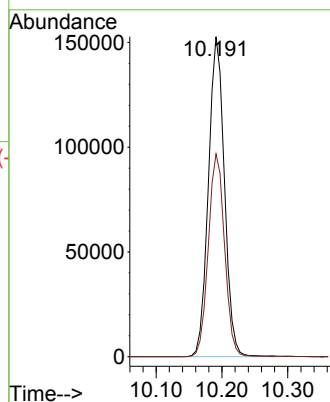
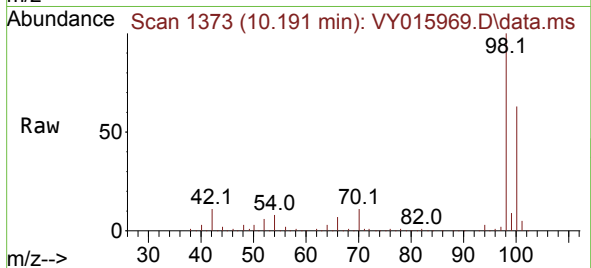
ClientSampleId :

Tgt Ion: 98 Resp: 258881

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.736 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

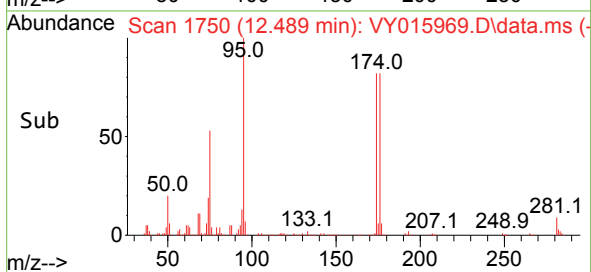
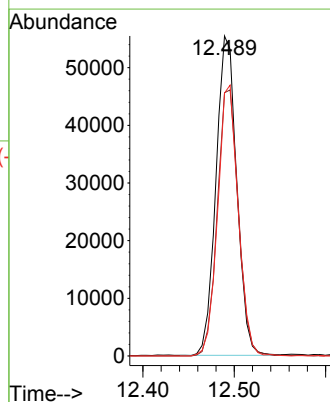
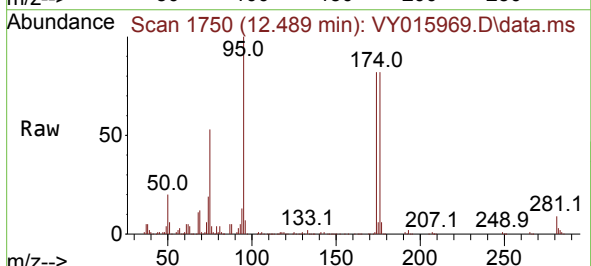
Tgt Ion: 95 Resp: 87338

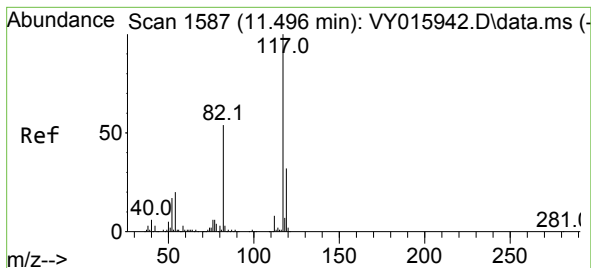
Ion Ratio Lower Upper

95 100

174 85.2 0.0 178.2

176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

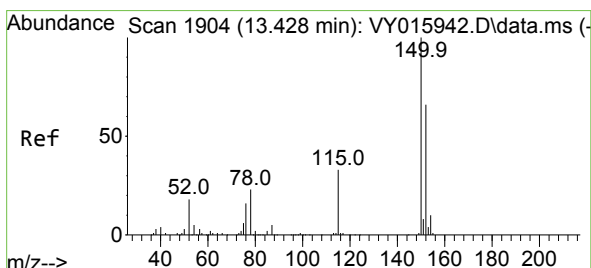
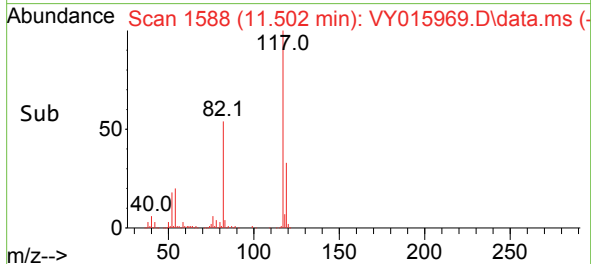
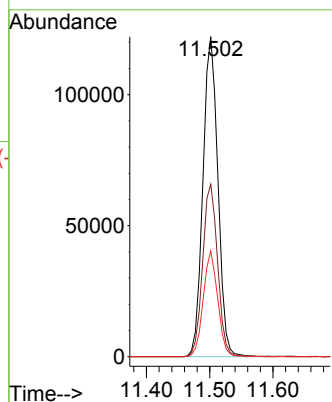
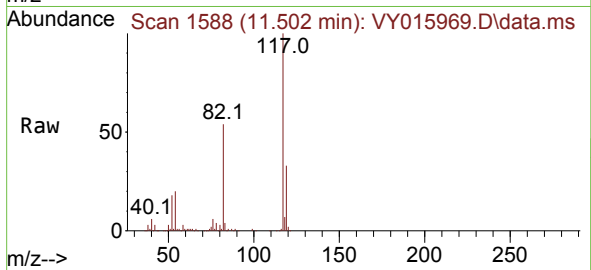
Tgt Ion:117 Resp: 201770

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

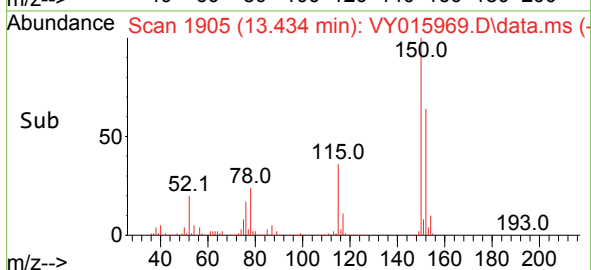
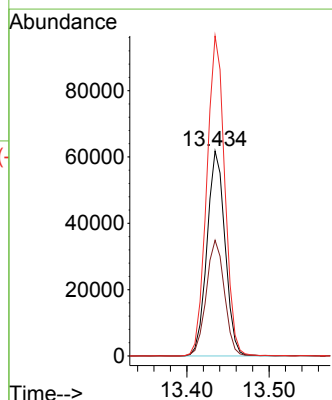
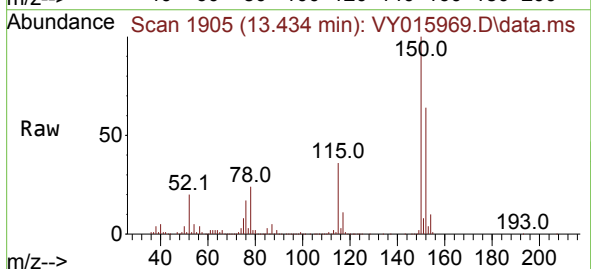
Tgt Ion:152 Resp: 94151

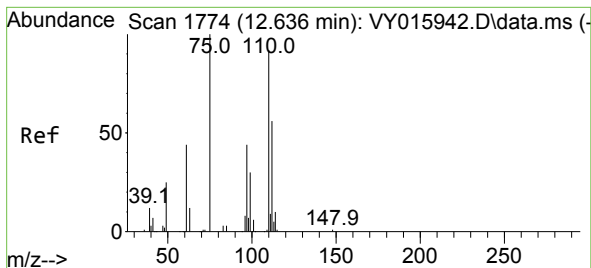
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 24.846 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Instrument :

MSVOA_Y

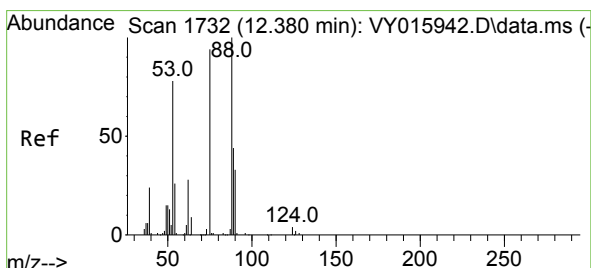
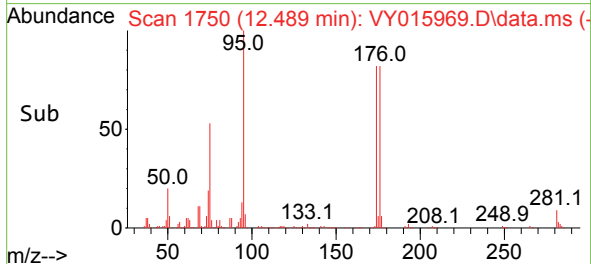
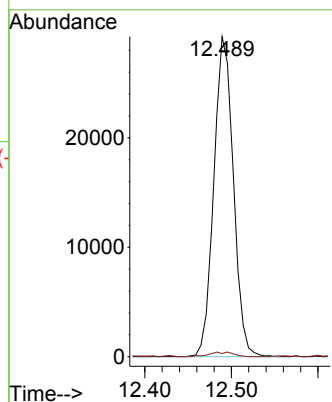
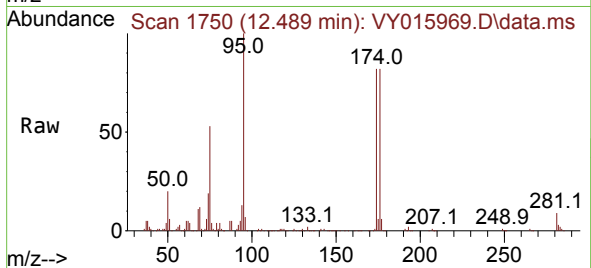
ClientSampleId :

Tgt Ion: 75 Resp: 45780

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.529 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.110 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Tgt Ion: 75 Resp: 45780

Ion Ratio Lower Upper

75 100

53 0.1 77.8 116.8#

89 0.2 37.4 56.0#

