

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016188.D
 Acq On : 02 Nov 2023 14:25
 Operator : SY/MD
 Sample : 05214-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 01:40:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

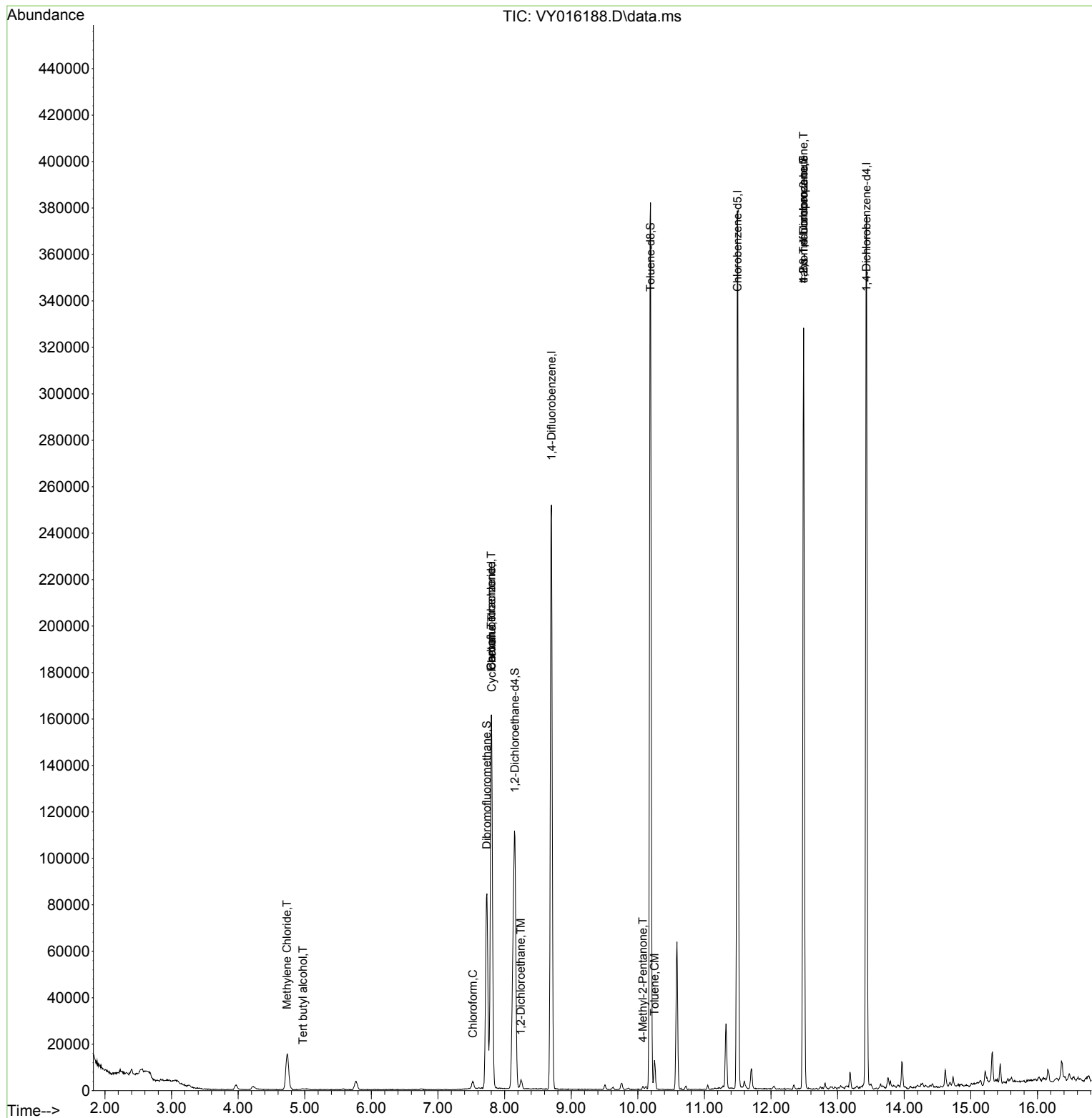
Internal Standards						
1) Pentafluorobenzene	7.801	168	127693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	208740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	71071	59.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.960%			
35) Dibromofluoromethane	7.734	113	60486	46.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.300%			
50) Toluene-d8	10.191	98	257022	49.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.489	95	91696	51.603	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	1110	12.434	ug/l #	89
20) Methylene Chloride	4.734	84	12493	7.703	ug/l	89
30) Chloroform	7.526	83	3159	1.387	ug/l	89
31) Cyclohexane	7.807	56	2468	1.344	ug/l #	7
38) Carbon Tetrachloride	7.801	117	12665	6.754	ug/l #	16
42) 1,2-Dichloroethane	8.246	62	3325	2.193	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	865	1.040	ug/l #	86
52) Toluene	10.252	92	5367	1.524	ug/l	94
76) 1,2,3-Trichloropropane	12.489	75	49314	53.009	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49314	114.937	ug/l #	11

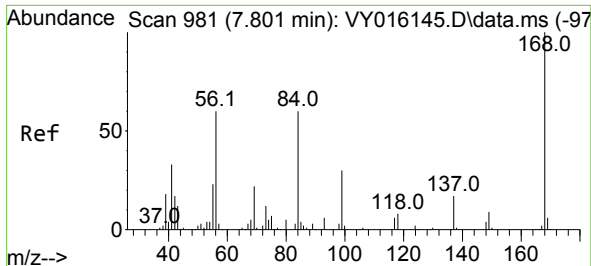
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
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MSVOA_Y
ClientSampleId :

Quant Time: Nov 03 01:40:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

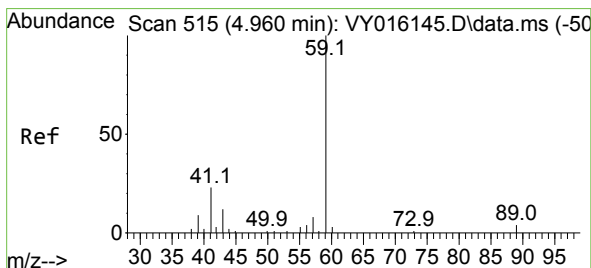
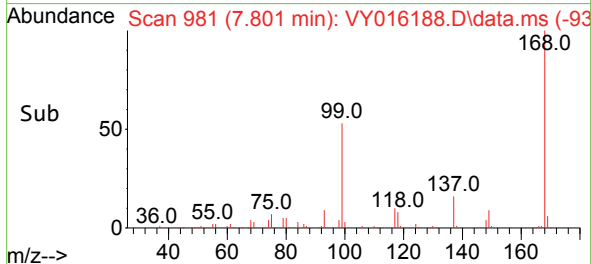
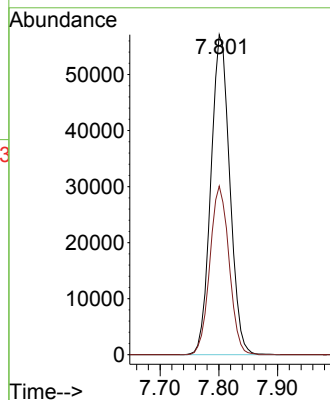
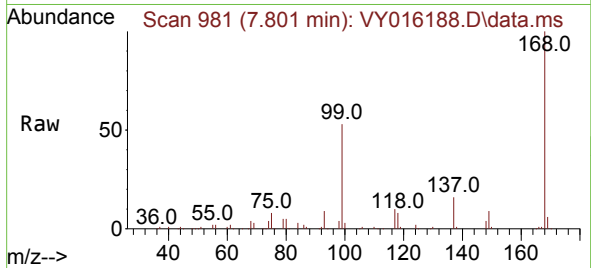




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

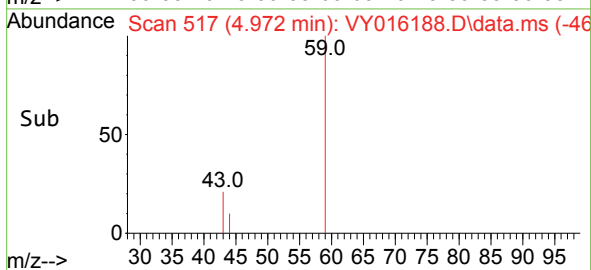
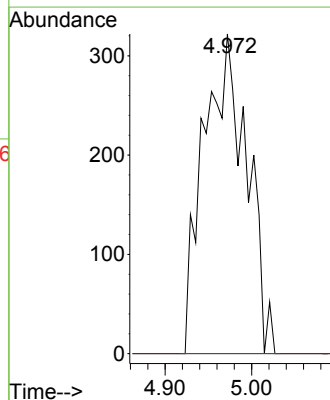
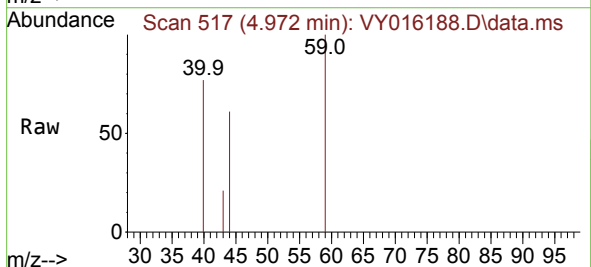
Instrument :
MSVOA_Y
ClientSampleId :

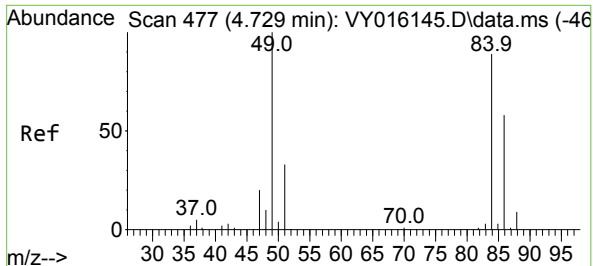
Tgt Ion:168 Resp: 127693
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 12.434 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 59 Resp: 1110
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#20

Methylene Chloride

Concen: 7.703 ug/l

RT: 4.734 min Scan# 41

Delta R.T. 0.005 min

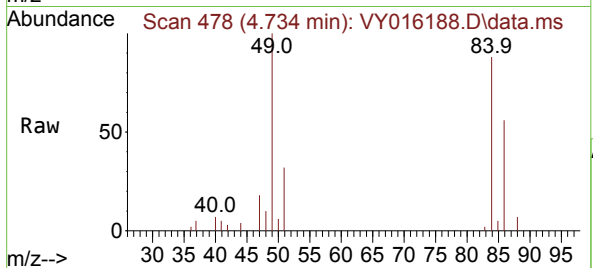
Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12493

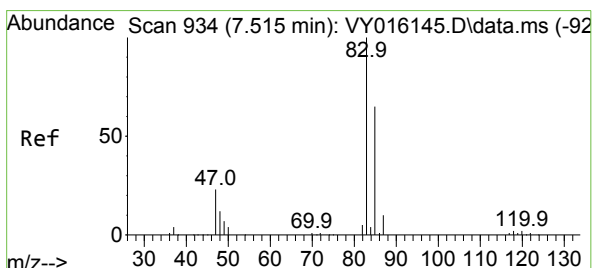
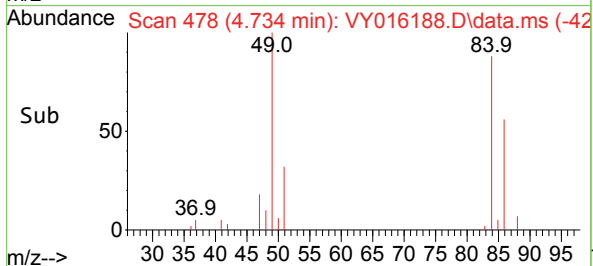
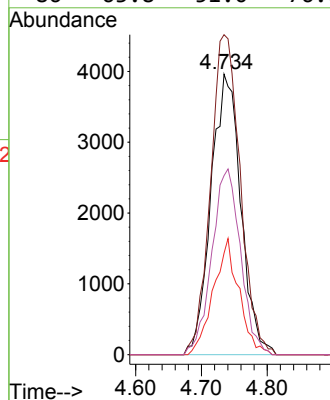
Ion Ratio Lower Upper

84 100

49 114.1 106.9 160.3

51 36.2 33.2 49.8

86 63.8 51.0 76.6



#30

Chloroform

Concen: 1.387 ug/l

RT: 7.526 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016188.D

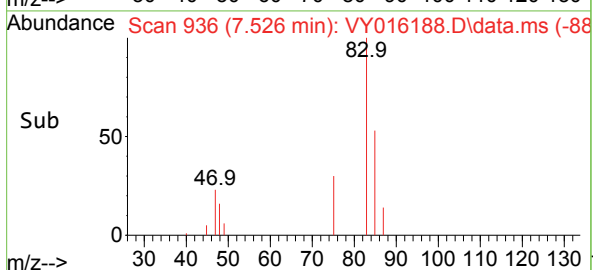
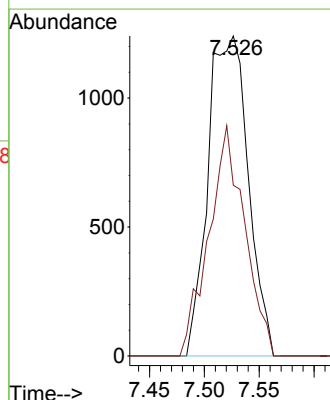
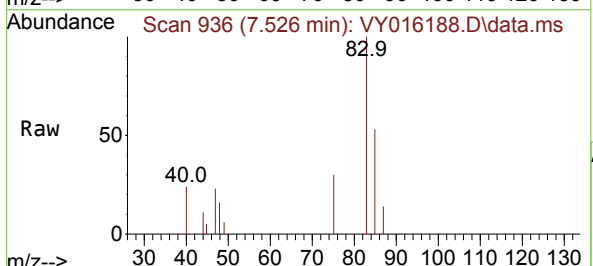
Acq: 02 Nov 2023 14:25

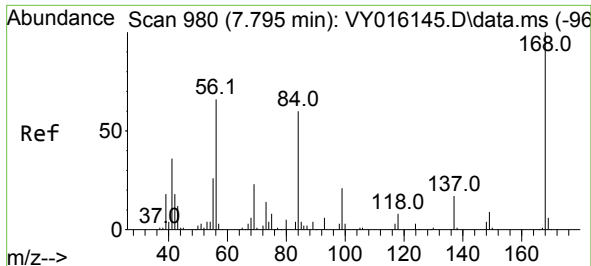
Tgt Ion: 83 Resp: 3159

Ion Ratio Lower Upper

83 100

85 53.3 49.7 74.5

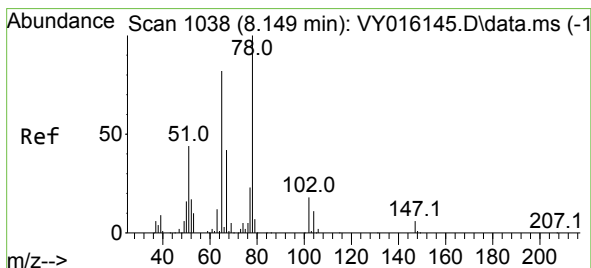
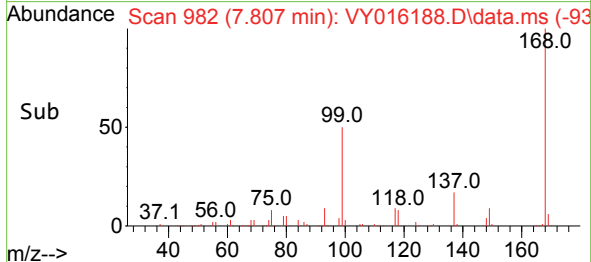
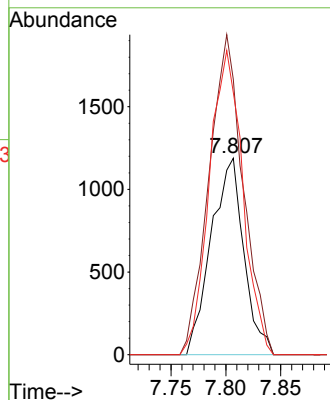
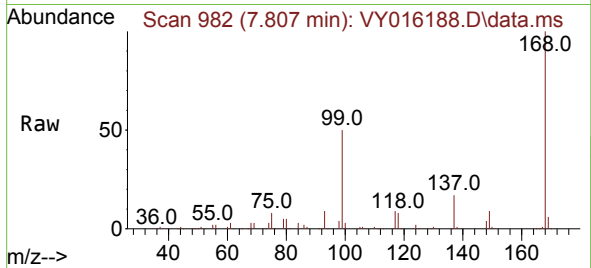




#31
Cyclohexane
Concen: 1.344 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

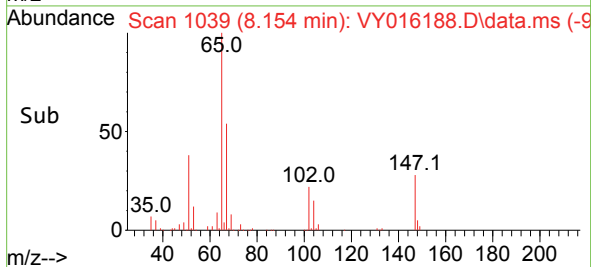
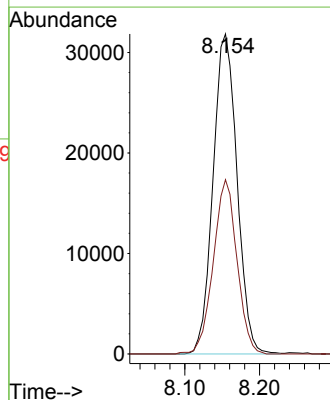
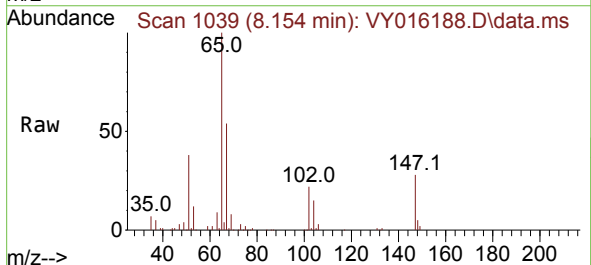
Instrument :
MSVOA_Y
ClientSampleId :

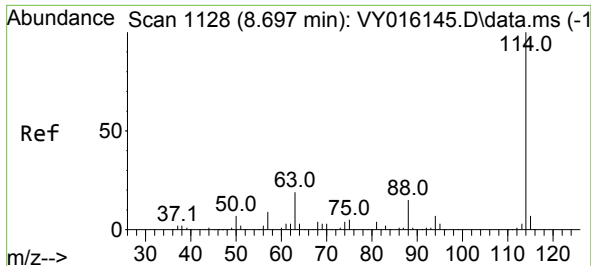
Tgt Ion: 56 Resp: 2468
Ion Ratio Lower Upper
56 100
69 140.0 27.8 41.6#
84 133.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.480 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 65 Resp: 71071
Ion Ratio Lower Upper
65 100
67 53.7 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: VY016188.D

Acq: 02 Nov 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

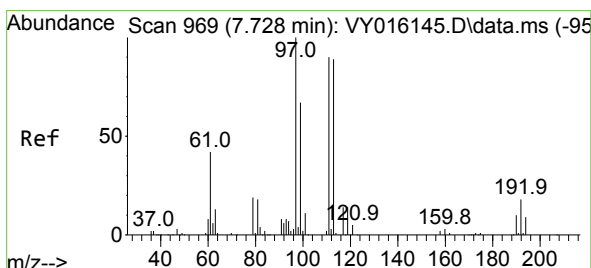
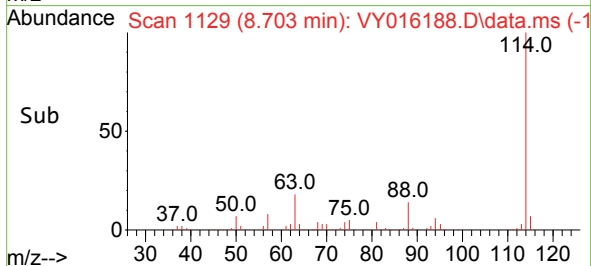
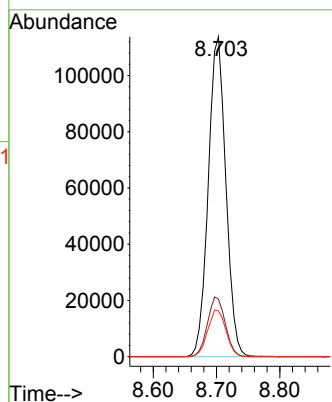
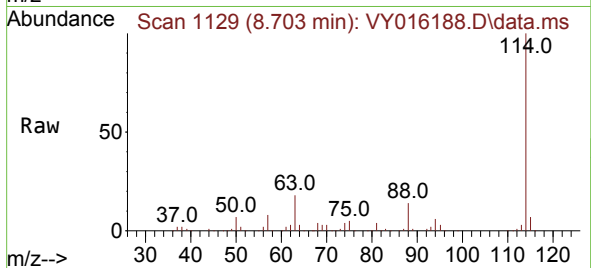
Tgt Ion:114 Resp: 219850

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.149 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

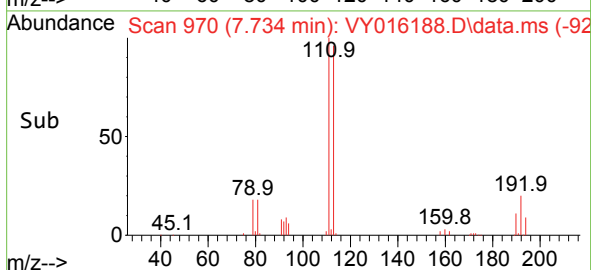
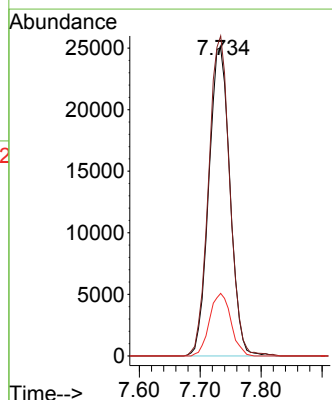
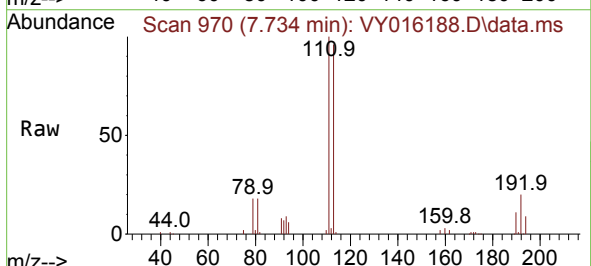
Tgt Ion:113 Resp: 60486

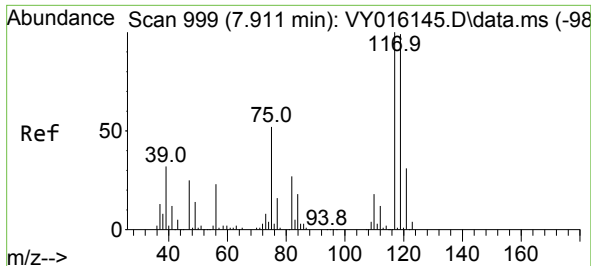
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

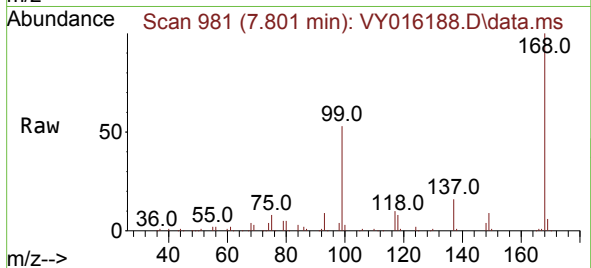
192 20.5 16.9 25.3



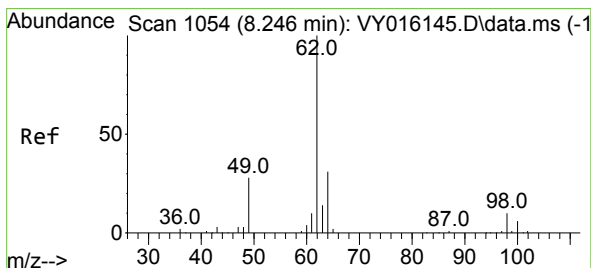
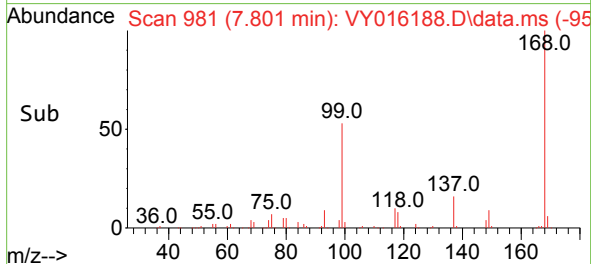
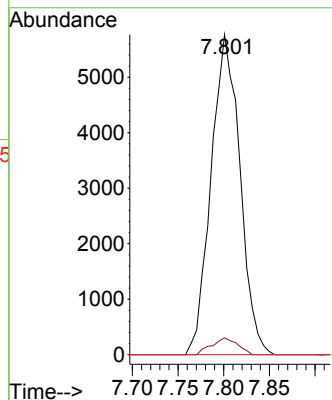


#38
Carbon Tetrachloride
Concen: 6.754 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

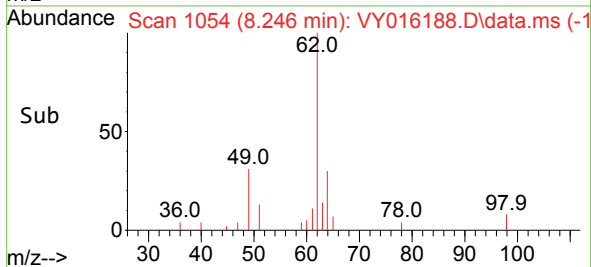
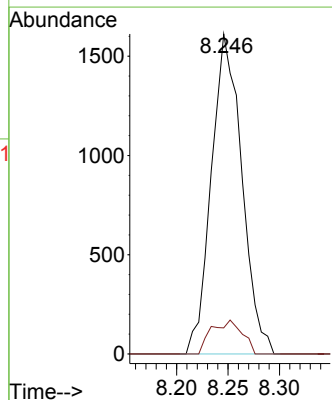
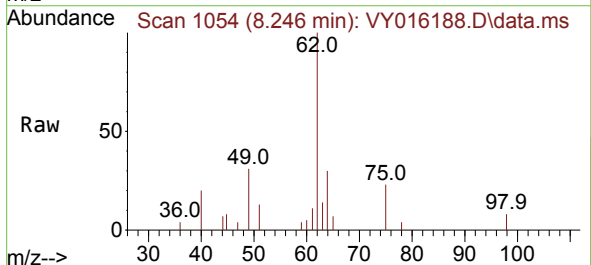


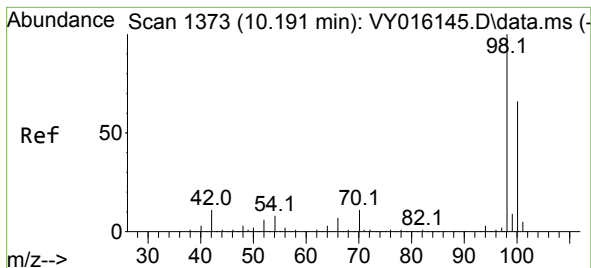
Tgt Ion:117 Resp: 12665
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#42
1,2-Dichloroethane
Concen: 2.193 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 62 Resp: 3325
Ion Ratio Lower Upper
62 100
98 10.7 0.0 15.8





#50

Toluene-d8

Concen: 49.460 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

Instrument :

MSVOA_Y

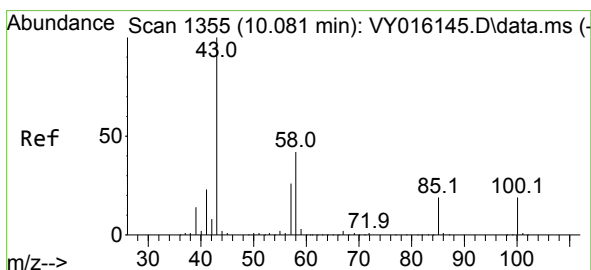
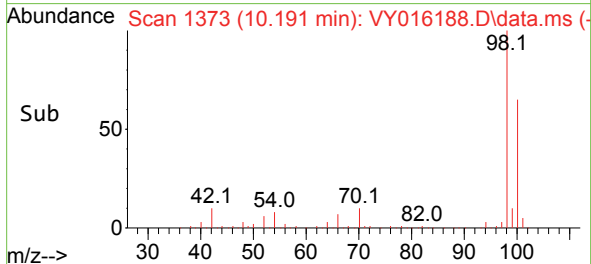
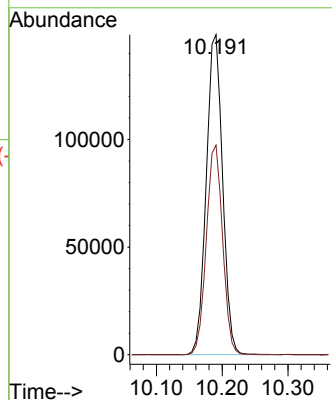
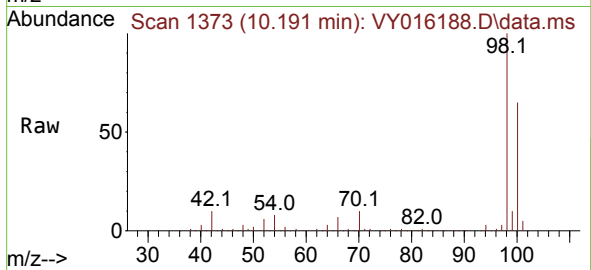
ClientSampleId :

Tgt Ion: 98 Resp: 257022

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.040 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016188.D

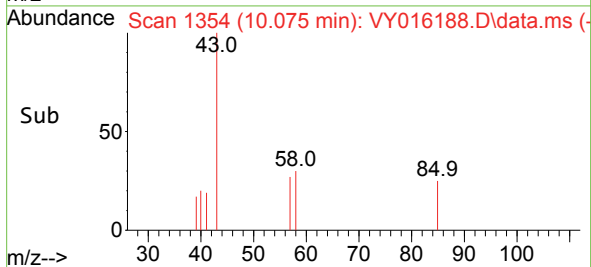
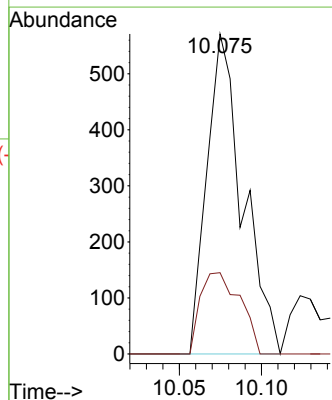
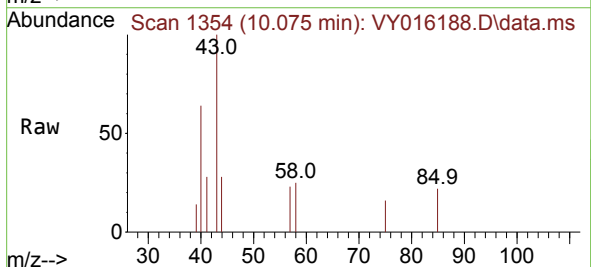
Acq: 02 Nov 2023 14:25

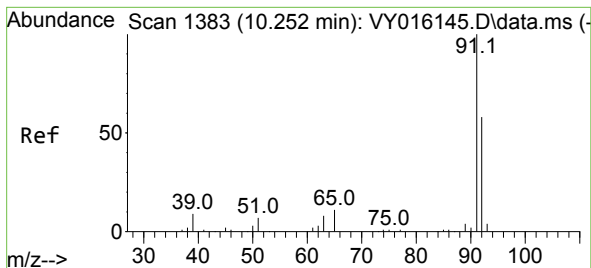
Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

58 28.2 29.0 43.6#





#52

Toluene

Concen: 1.524 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

Instrument :

MSVOA_Y

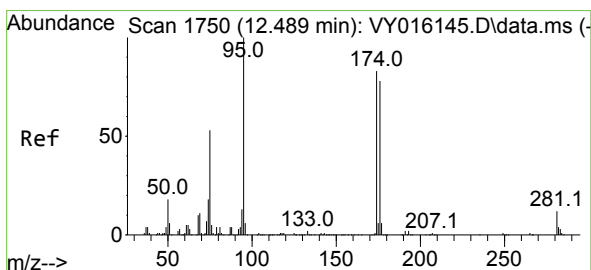
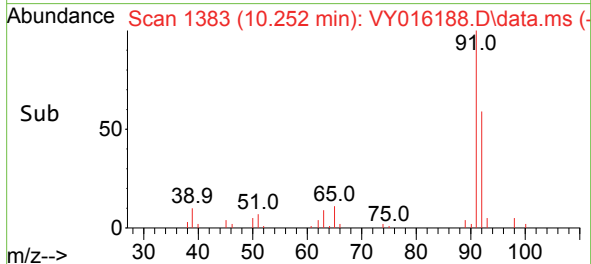
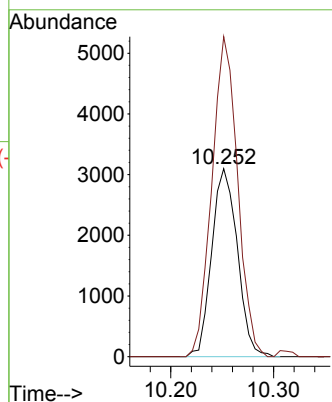
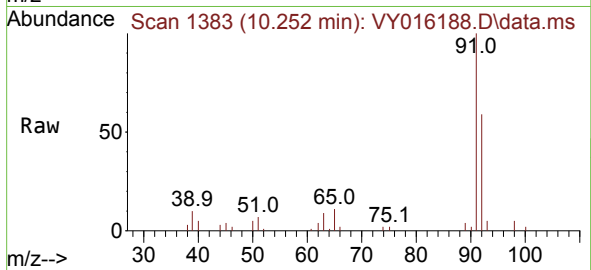
ClientSampleId :

Tgt Ion: 92 Resp: 5367

Ion Ratio Lower Upper

92 100

91 171.2 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 51.603 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

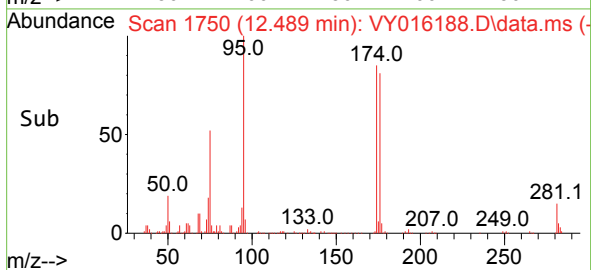
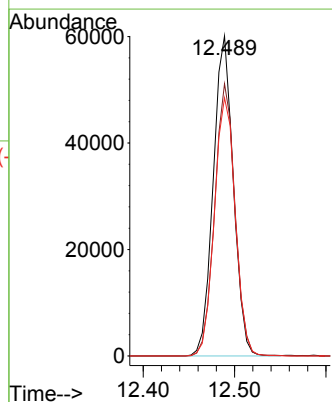
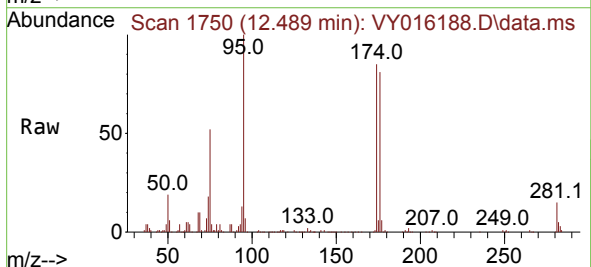
Tgt Ion: 95 Resp: 91696

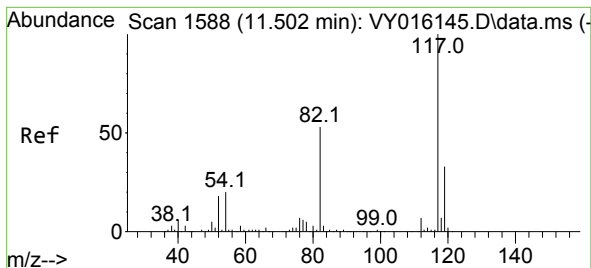
Ion Ratio Lower Upper

95 100

174 86.2 0.0 178.2

176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

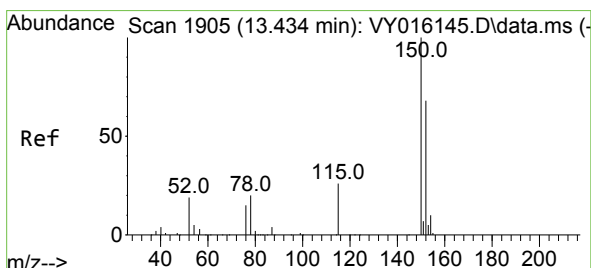
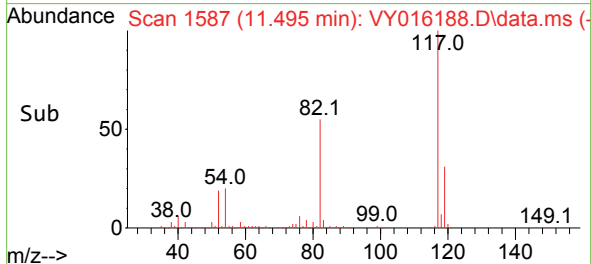
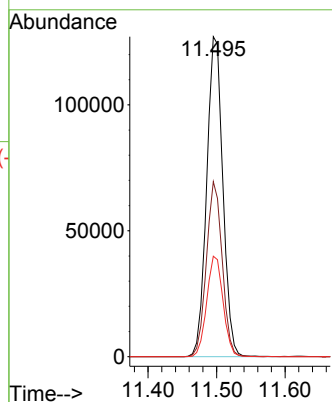
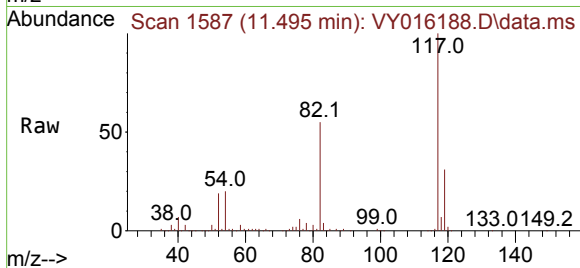
Tgt Ion:117 Resp: 208740

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.4 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: VY016188.D

Acq: 02 Nov 2023 14:25

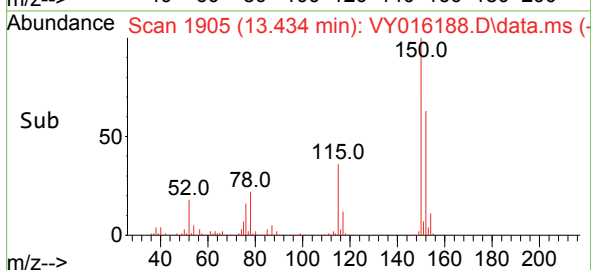
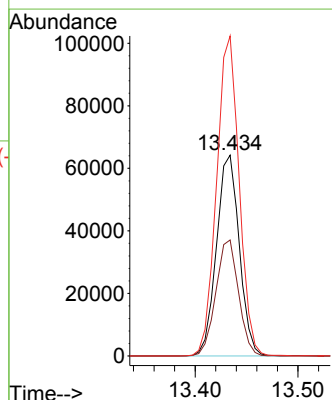
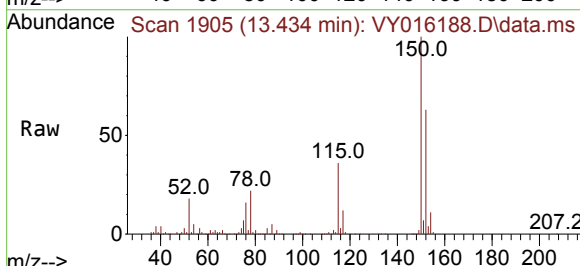
Tgt Ion:152 Resp: 98787

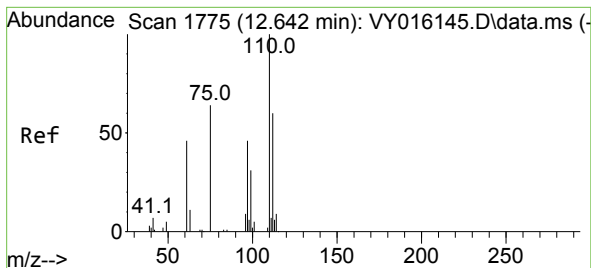
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 157.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 53.009 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

Instrument :

MSVOA_Y

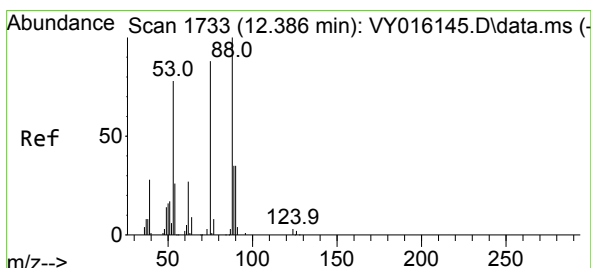
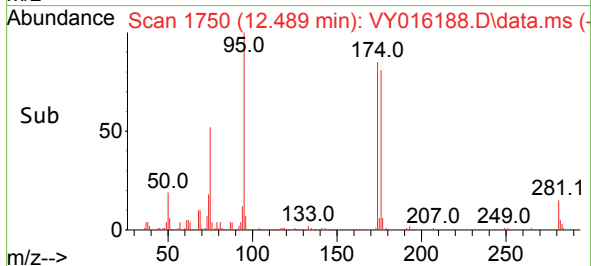
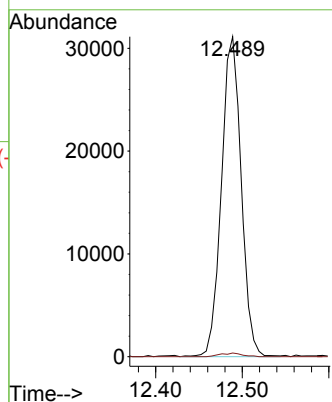
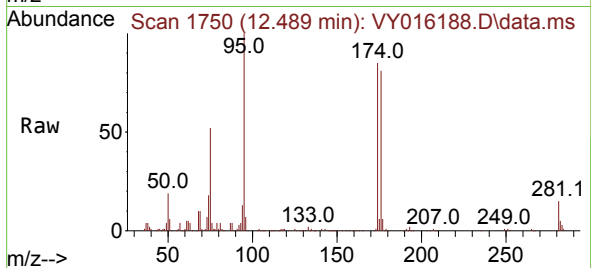
ClientSampleId :

Tgt Ion: 75 Resp: 49314

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.937 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016188.D

Acq: 02 Nov 2023 14:25

Tgt Ion: 75 Resp: 49314

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.3 37.4 56.0#

