

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016214.D
 Acq On : 03 Nov 2023 15:23
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:03:09 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)

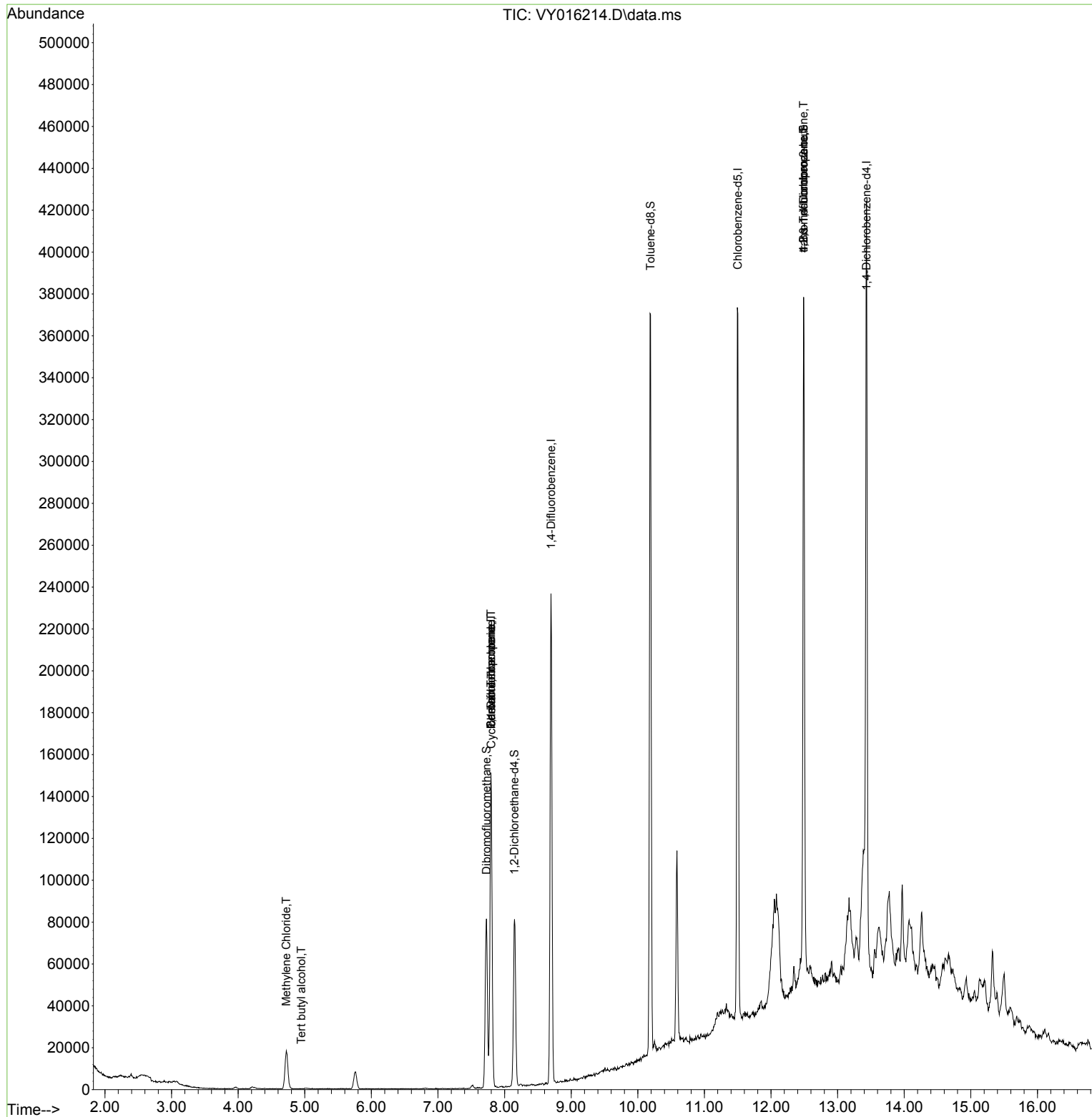
Internal Standards						
1) Pentafluorobenzene	7.795	168	117123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	192899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63583	58.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.728	113	56708	46.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.191	98	241083	49.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.489	95	91055	55.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	85	1.038	ug/l #	89
16) Acetone	3.966	43	1424	Below Cal	#	70
20) Methylene Chloride	4.722	84	14576	10.681	ug/l	88
31) Cyclohexane	7.801	56	2228	1.322	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8844	5.020	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11597	6.644	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	45666	52.230	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	45666	113.246	ug/l #	12

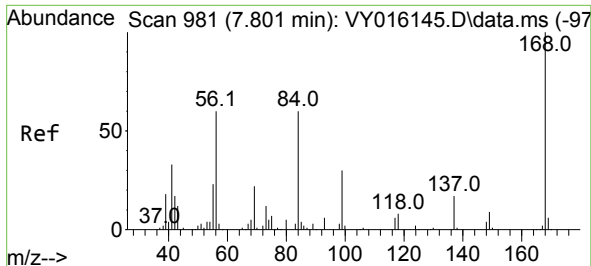
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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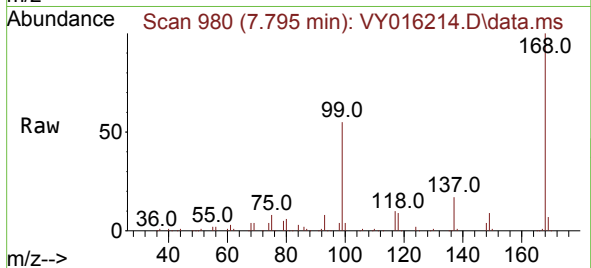
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



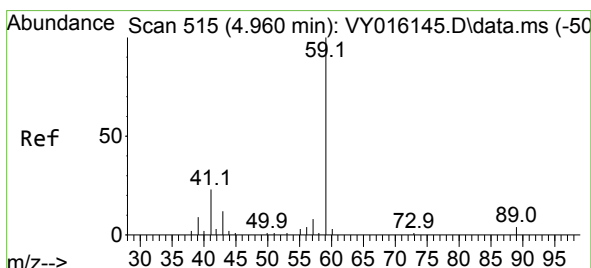
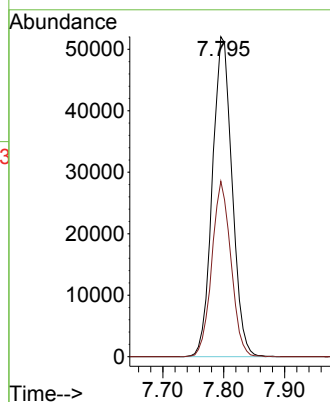
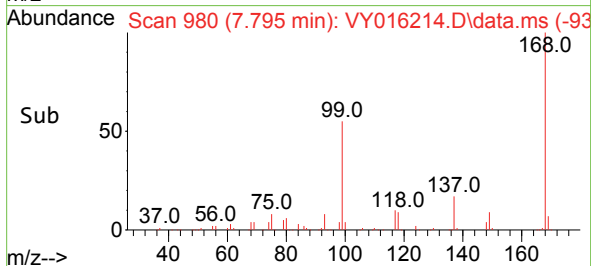


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

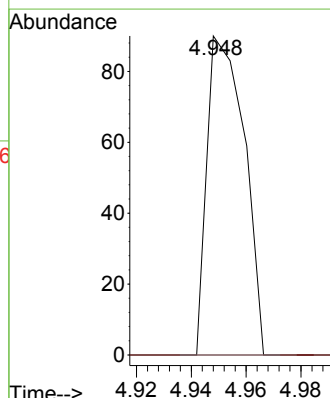
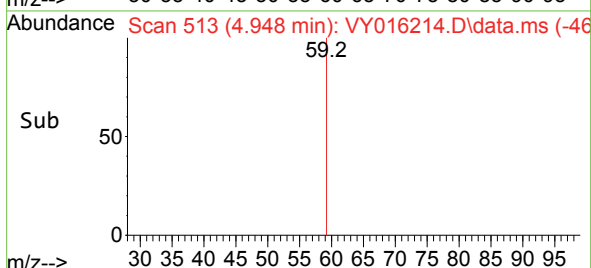
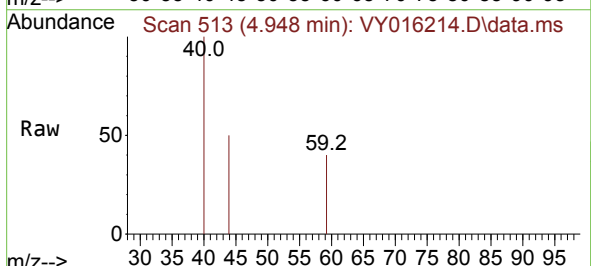


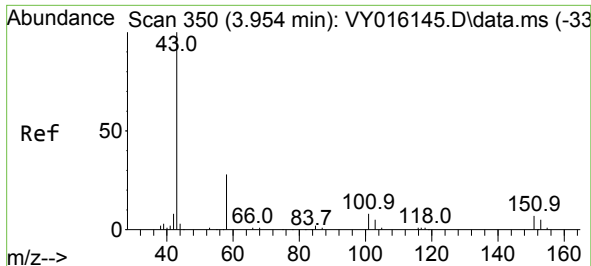
Tgt Ion:168 Resp: 117123
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.038 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

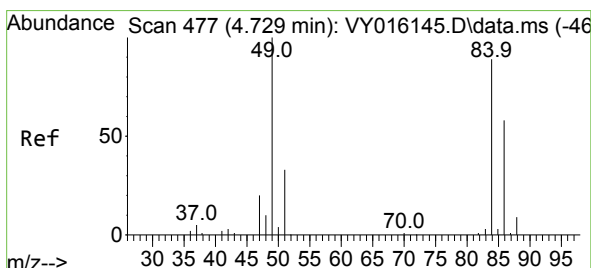
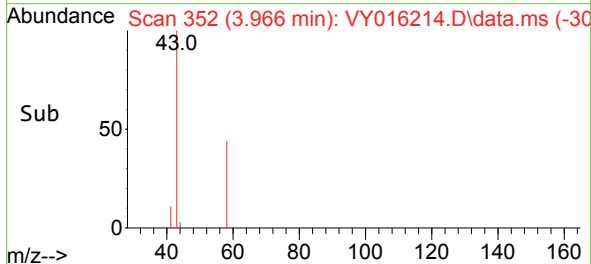
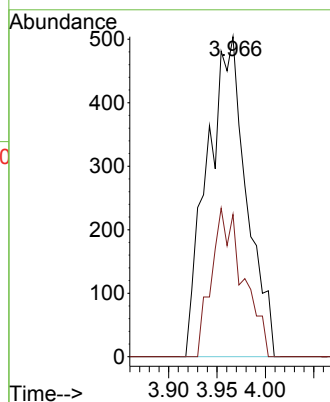
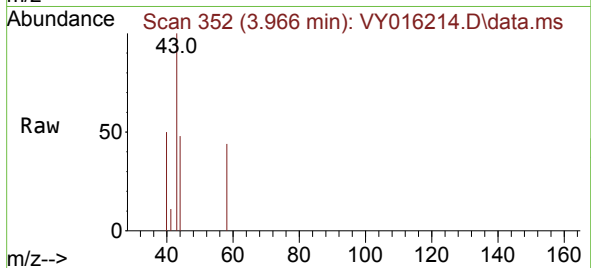




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

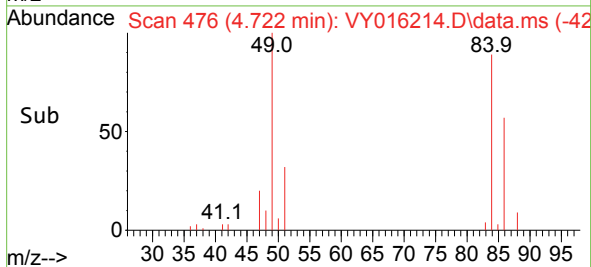
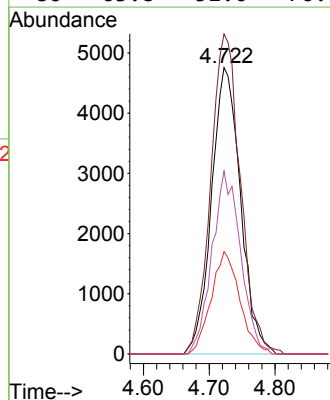
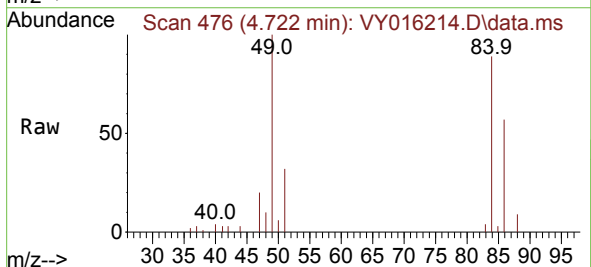
Instrument :
MSVOA_Y
ClientSampleId :

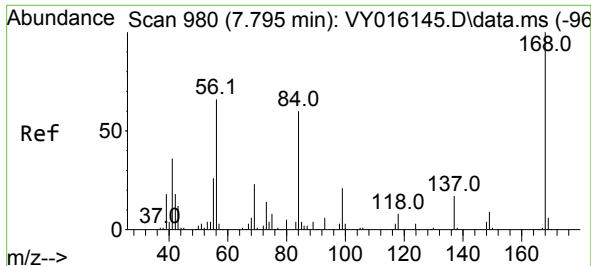
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 44.4 22.7 34.1#



#20
Methylene Chloride
Concen: 10.681 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

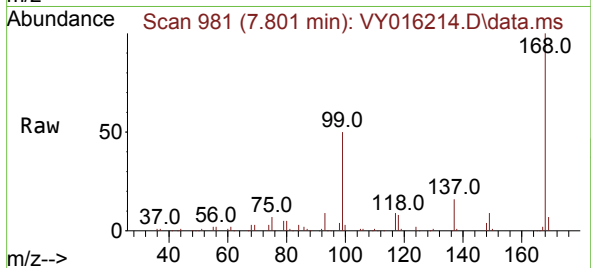
Tgt Ion: 84 Resp: 14576
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 35.8 33.2 49.8
86 63.8 51.0 76.6



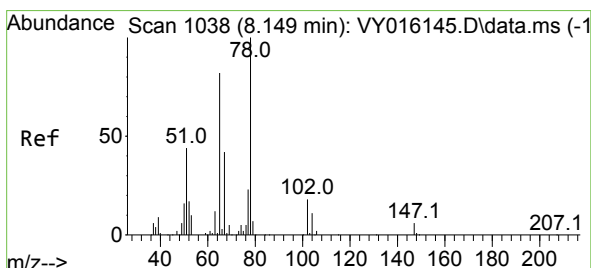
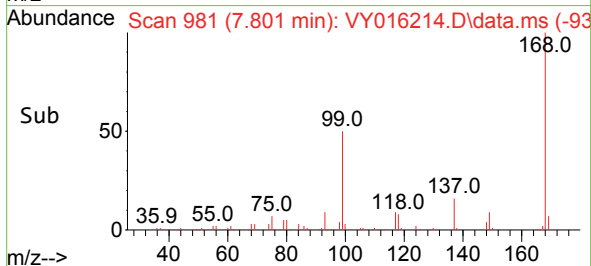
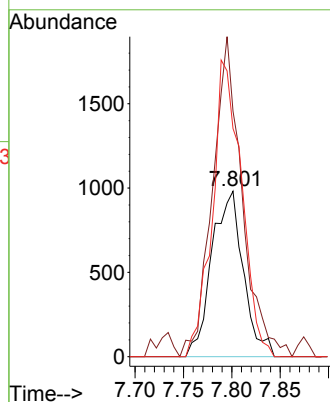


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

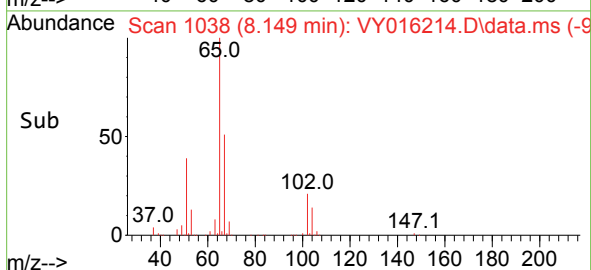
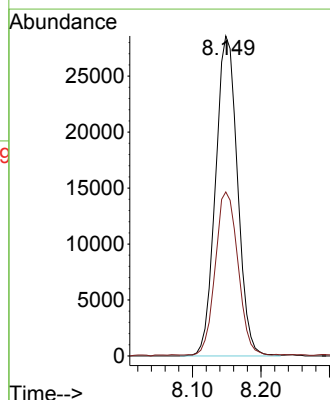
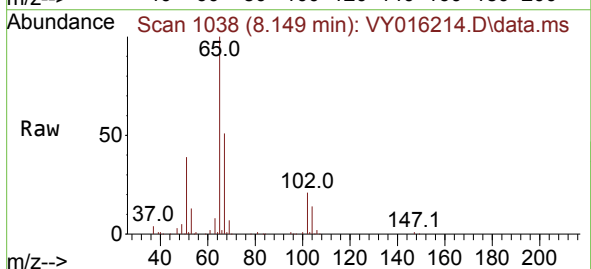


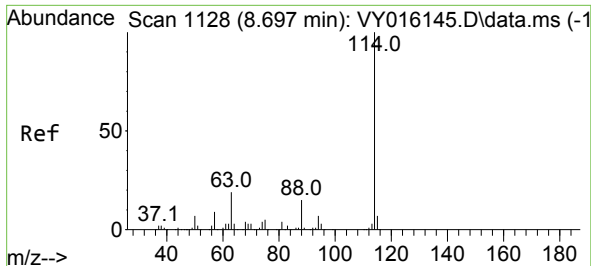
Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 148.5 27.8 41.6#
84 137.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.016 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Tgt Ion: 65 Resp: 63583
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016214.D

Acq: 03 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

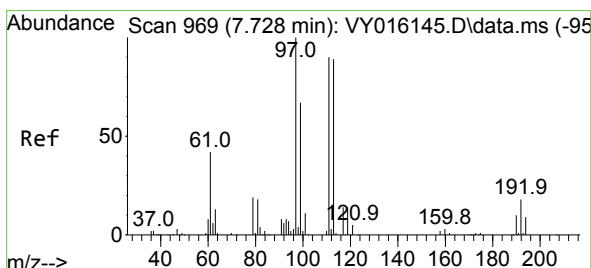
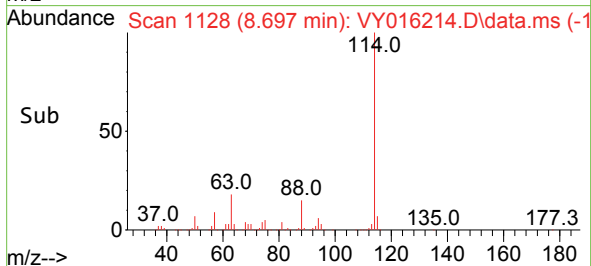
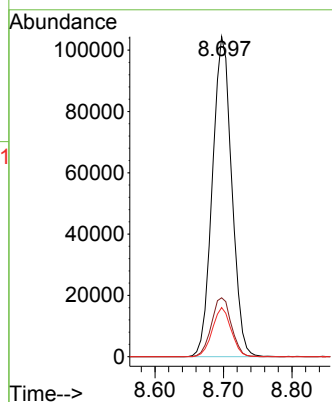
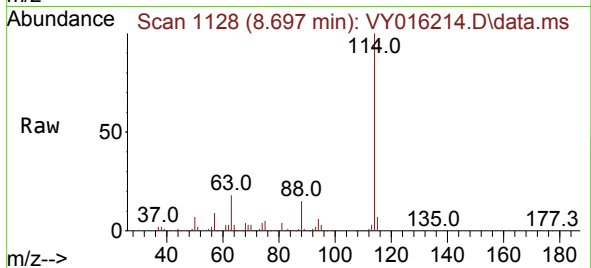
Tgt Ion:114 Resp: 204660

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.477 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016214.D

Acq: 03 Nov 2023 15:23

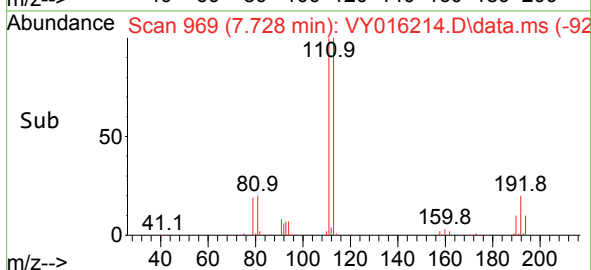
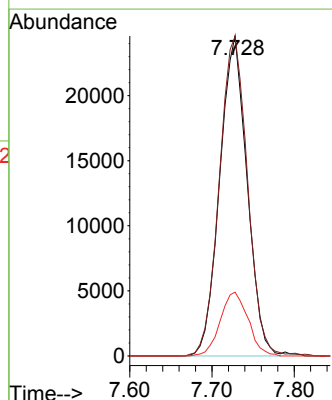
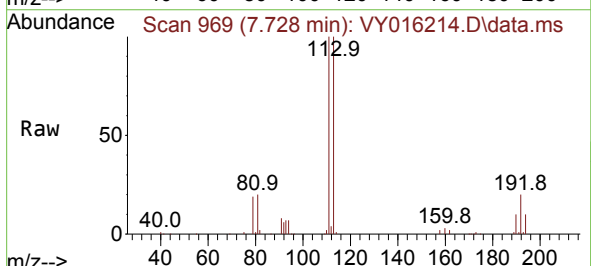
Tgt Ion:113 Resp: 56708

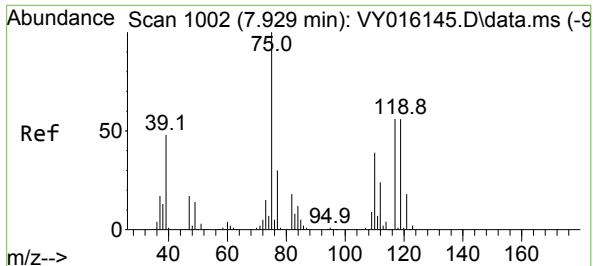
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 20.4 16.9 25.3

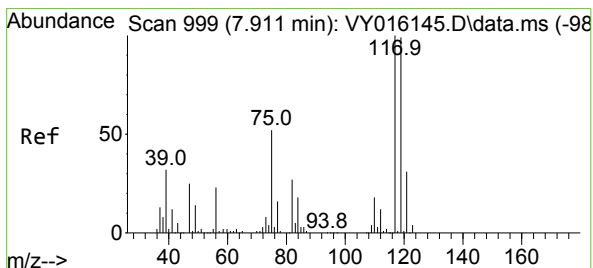
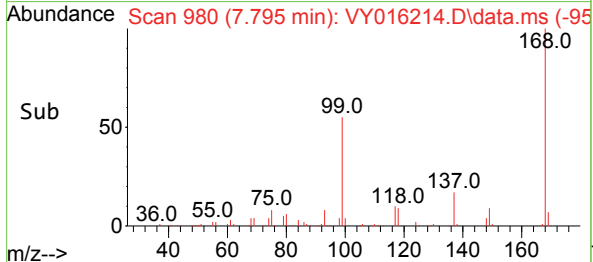
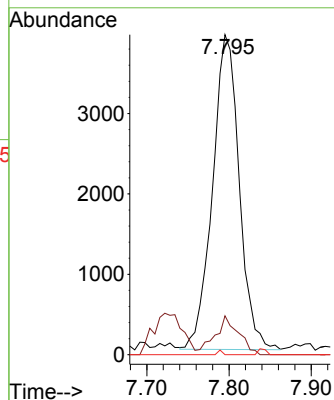
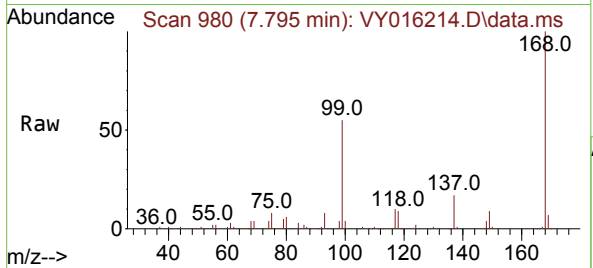




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

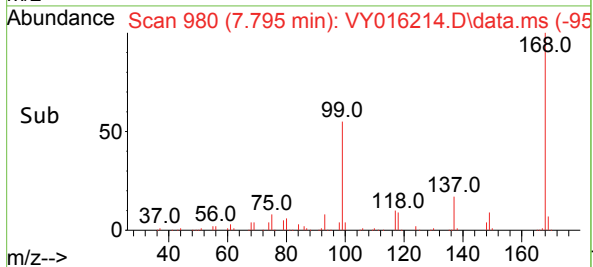
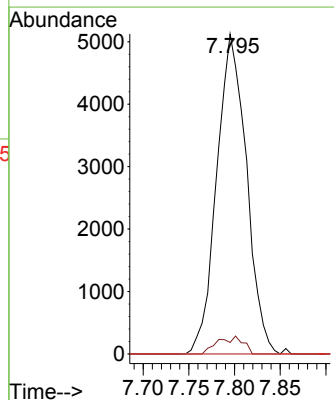
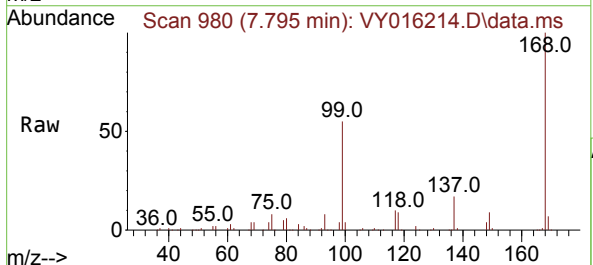
Instrument :
MSVOA_Y
ClientSampleId :

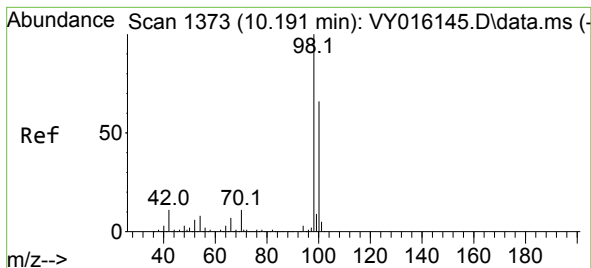
Tgt Ion: 75 Resp: 8844
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Tgt Ion: 117 Resp: 11597
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.836 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016214.D

Acq: 03 Nov 2023 15:23

Instrument :

MSVOA_Y

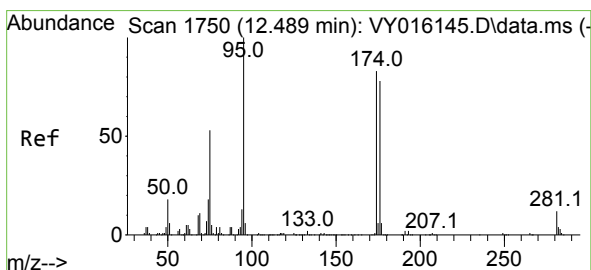
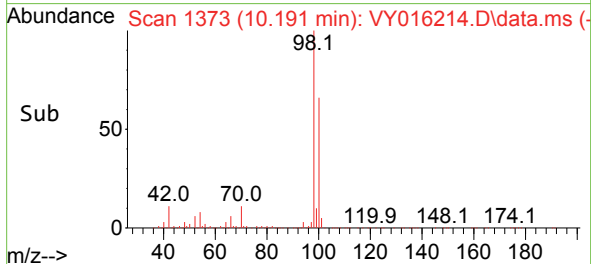
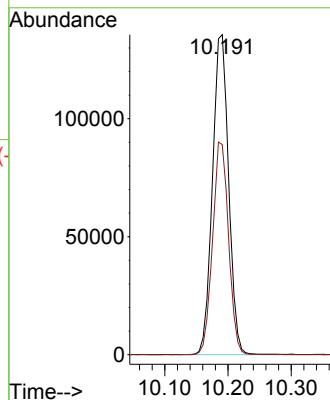
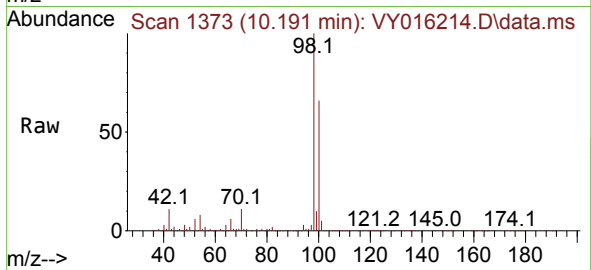
ClientSampleId :

Tgt Ion: 98 Resp: 241083

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.045 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016214.D

Acq: 03 Nov 2023 15:23

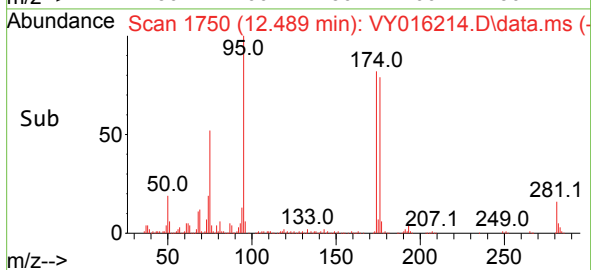
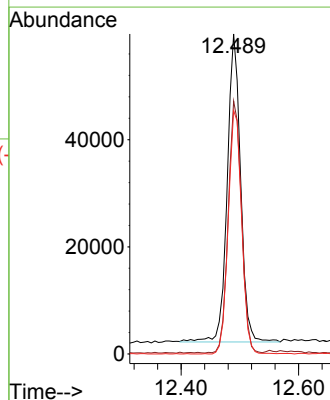
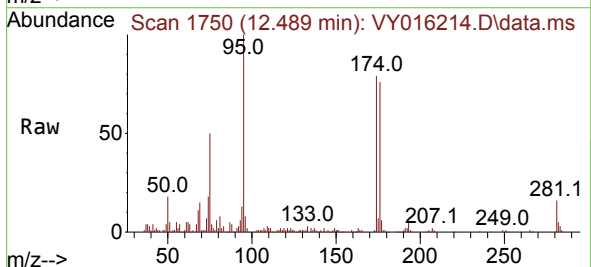
Tgt Ion: 95 Resp: 91055

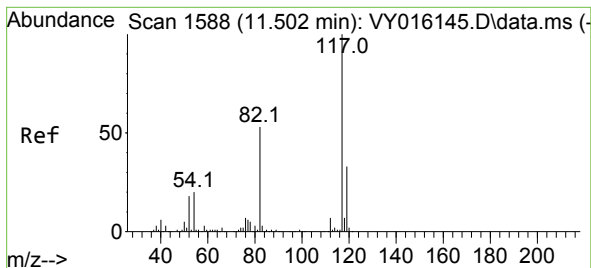
Ion Ratio Lower Upper

95 100

174 81.0 0.0 178.2

176 79.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016214.D

Acq: 03 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

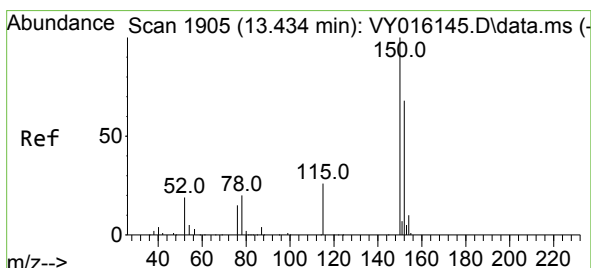
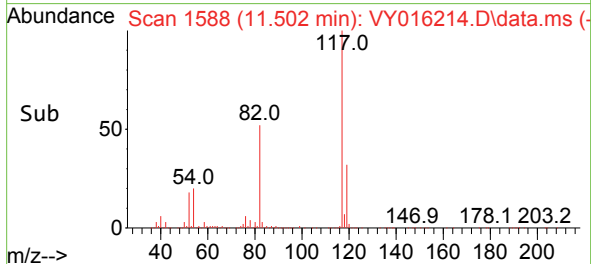
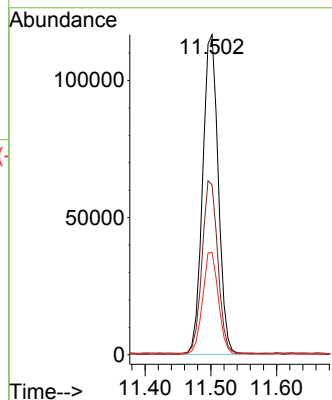
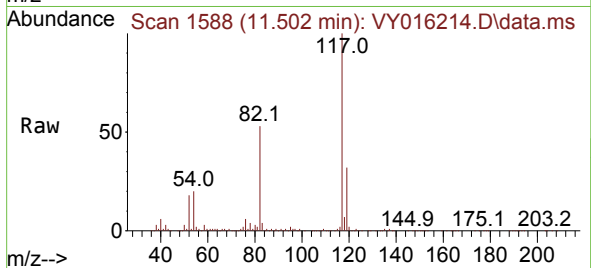
Tgt Ion:117 Resp: 192899

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.8 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: VY016214.D

Acq: 03 Nov 2023 15:23

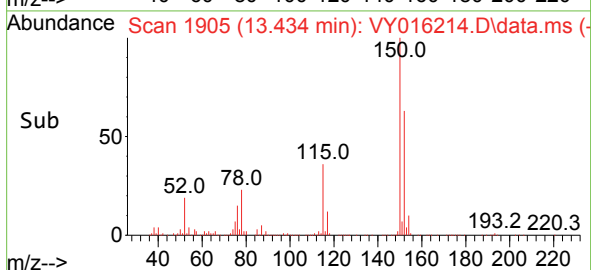
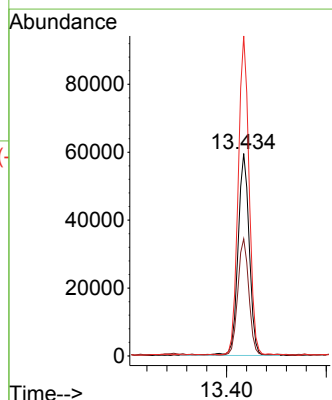
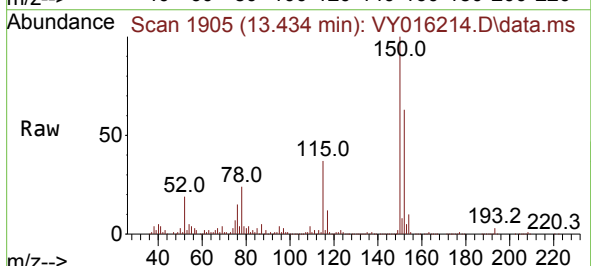
Tgt Ion:152 Resp: 92845

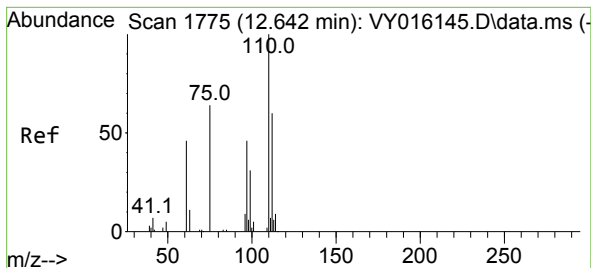
Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 153.9 0.0 348.8

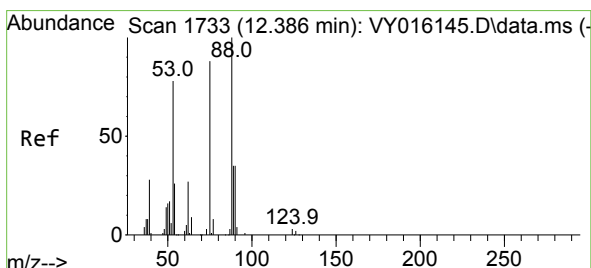
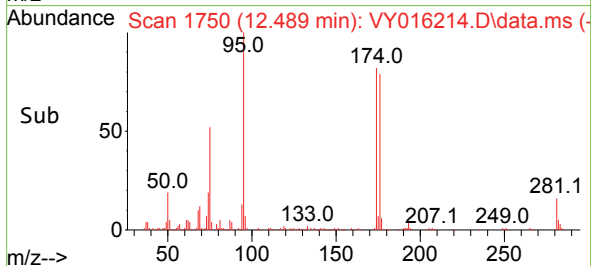
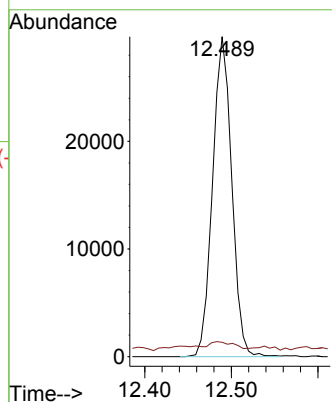
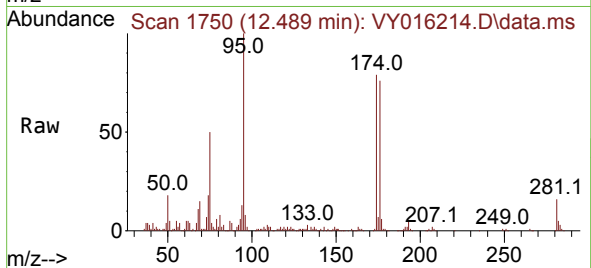




#76
1,2,3-Trichloropropane
Concen: 52.230 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45666
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.246 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Tgt Ion: 75 Resp: 45666
Ion Ratio Lower Upper
75 100
53 1.3 77.8 116.8#
89 1.0 37.4 56.0#

