

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016974.D
 Acq On : 10 Jan 2024 15:37
 Operator : SY/MD
 Sample : P1100-01
 Misc : 2.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

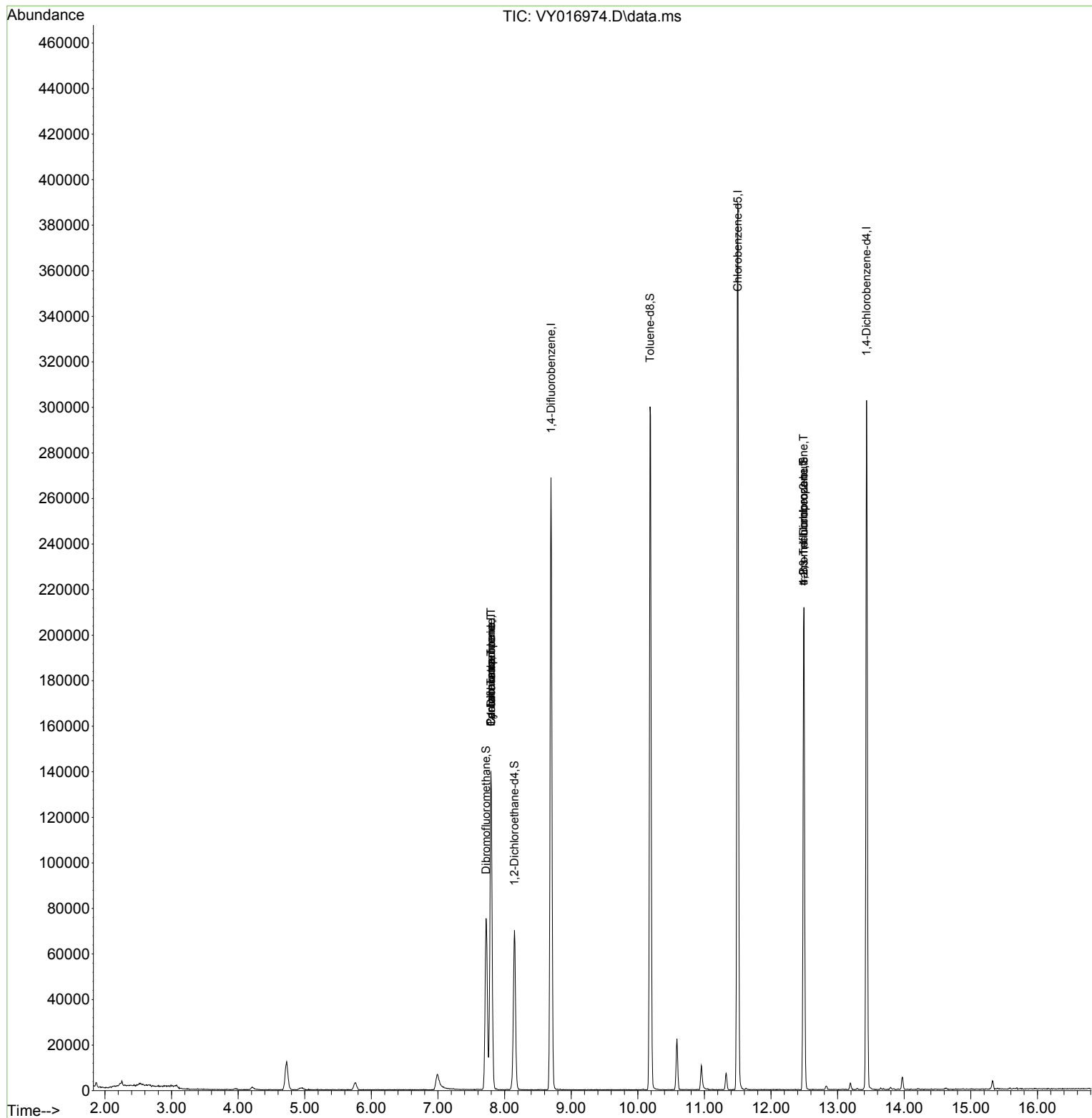
Internal Standards						
1) Pentafluorobenzene	7.795	168	104286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	214413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	53230	51.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.280%
35) Dibromofluoromethane	7.722	113	54492	38.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.340%
50) Toluene-d8	10.185	98	199204	40.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.040%
62) 4-Bromofluorobenzene	12.489	95	59834	36.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.140%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	1574	Below Cal	#	75
16) Acetone	3.960	43	832	Below Cal	#	84
20) Methylene Chloride	4.728	84	8929	Below Cal		91
25) 2-Butanone	6.996	43	543	Below Cal	#	48
31) Cyclohexane	7.795	56	2358	1.333	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	9297	4.468	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10951	5.180	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	32755	40.495	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32755	91.953	ug/l #	13

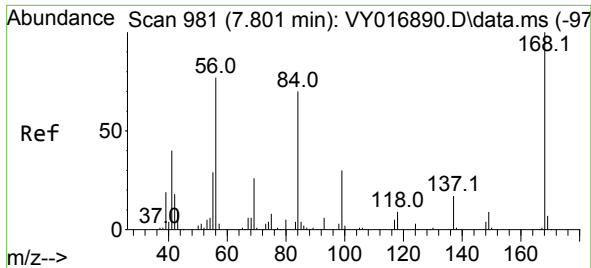
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
Data File : VY016974.D
Acq On : 10 Jan 2024 15:37
Operator : SY/MD
Sample : P1100-01
Misc : 2.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 00:13:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

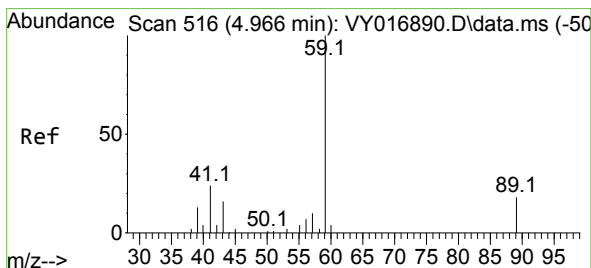
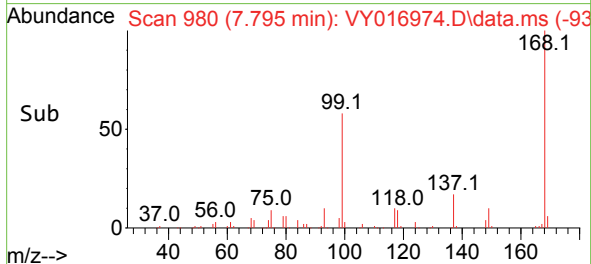
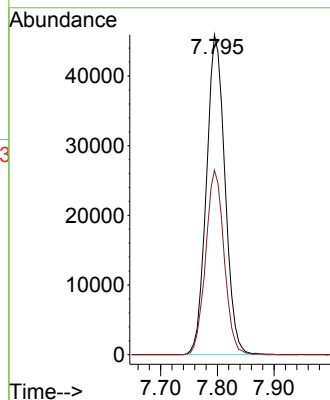
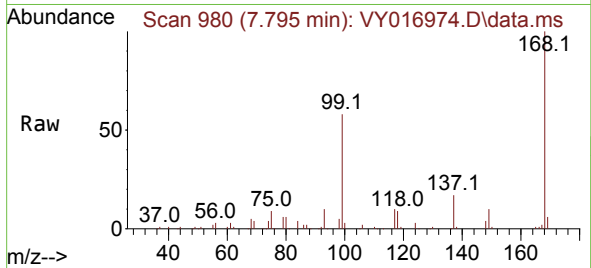




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

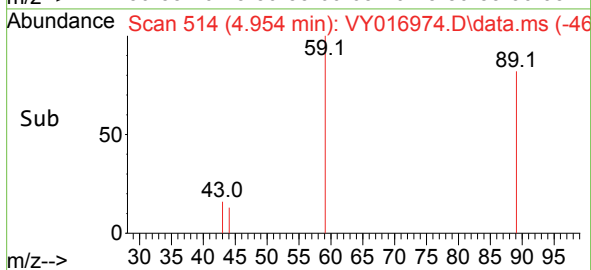
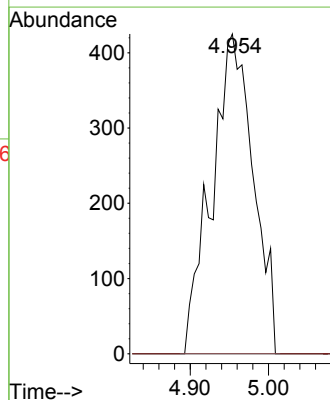
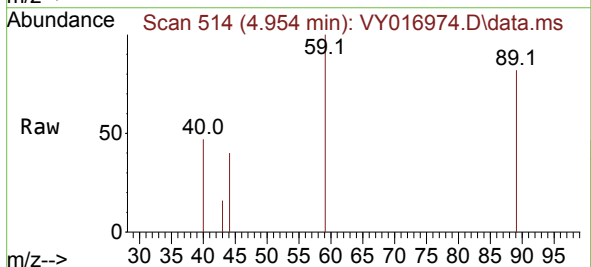
Instrument :
MSVOA_Y
ClientSampleId :

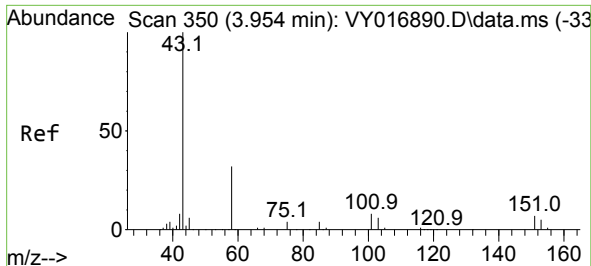
Tgt Ion:168 Resp: 104286
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Tgt Ion: 59 Resp: 1574
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

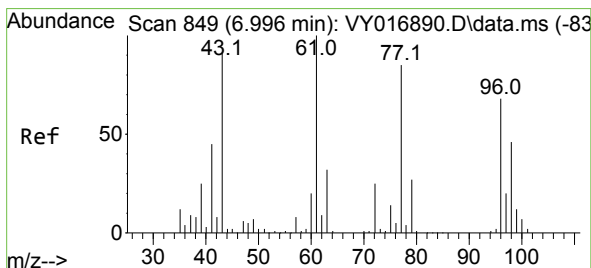
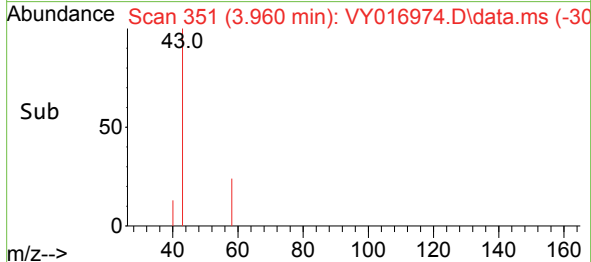
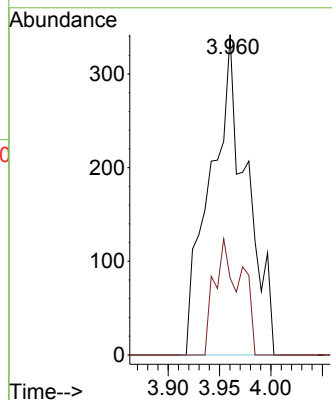
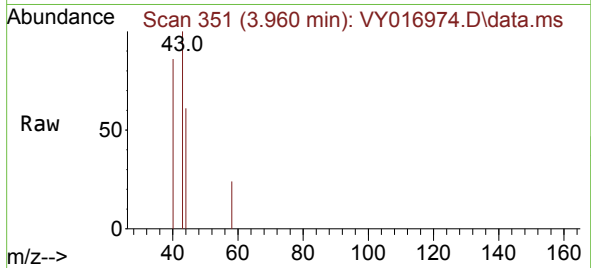




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

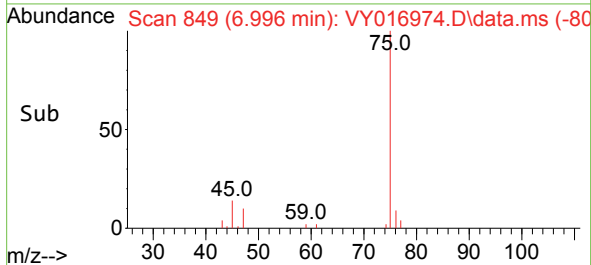
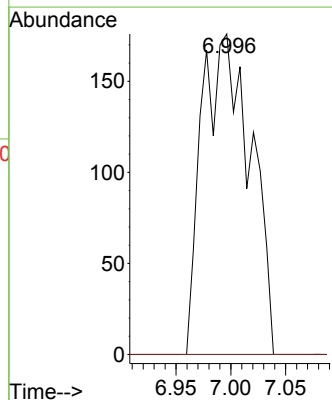
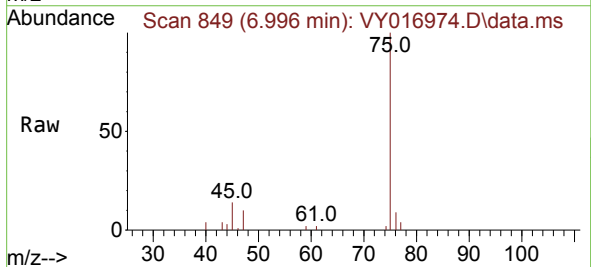
Instrument :
MSVOA_Y
ClientSampleId :

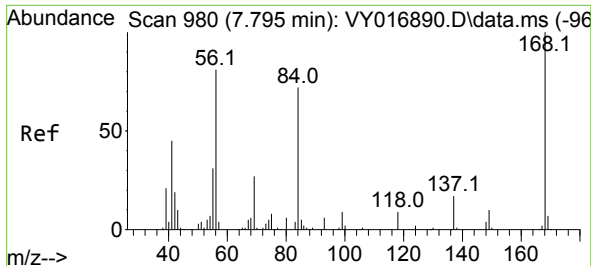
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 24.0 26.6 39.8#



#25
2-Butanone
Concen: Below Cal
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

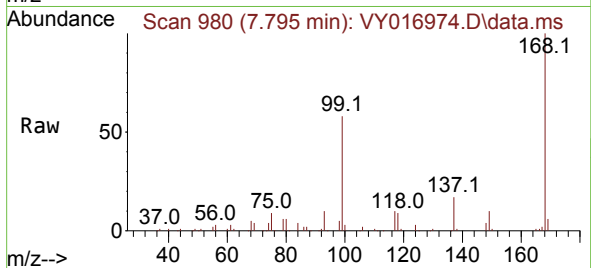
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



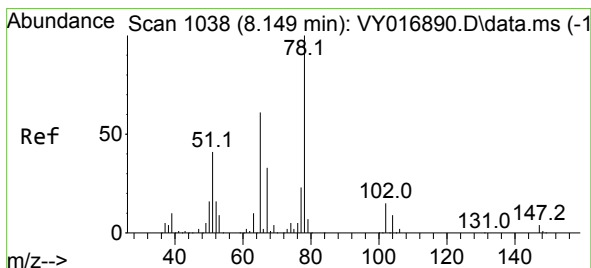
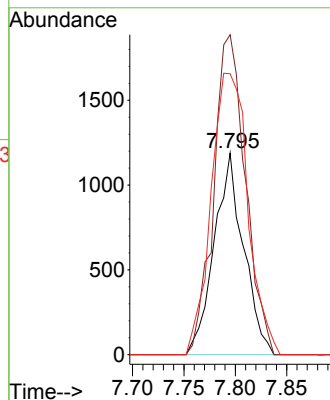
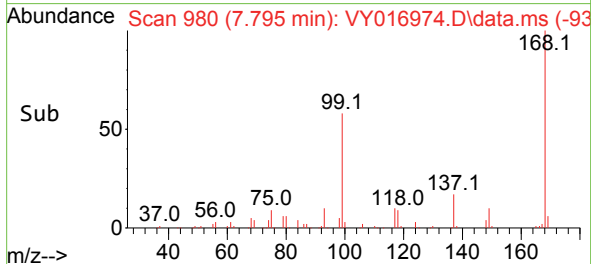


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

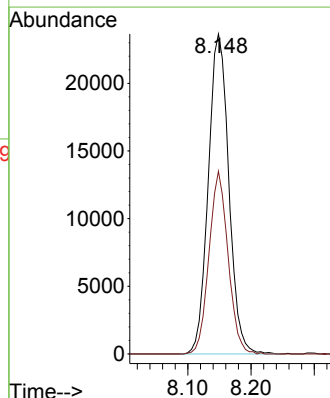
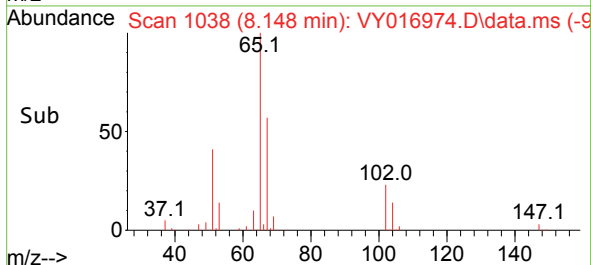
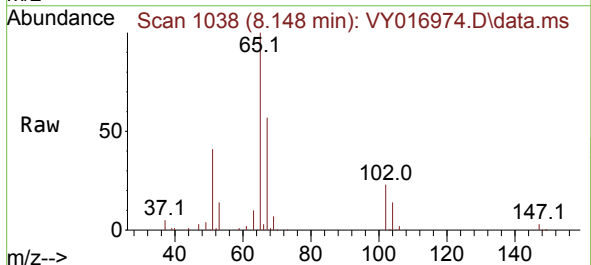


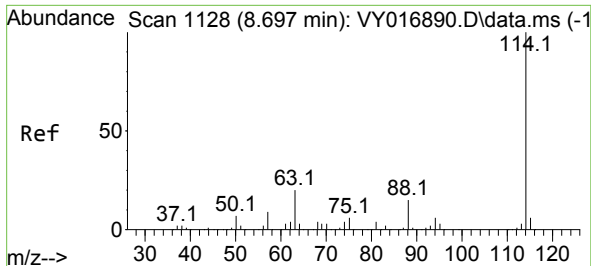
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 158.7 27.0 40.6#
84 139.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.643 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Tgt Ion: 65 Resp: 53230
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

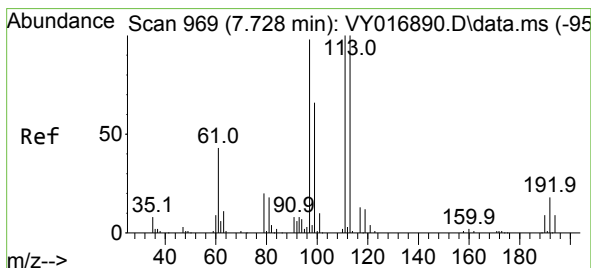
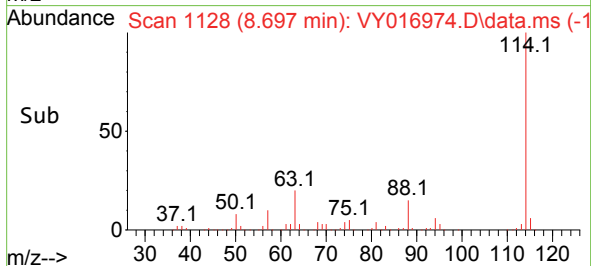
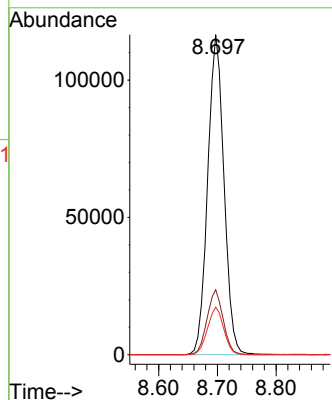
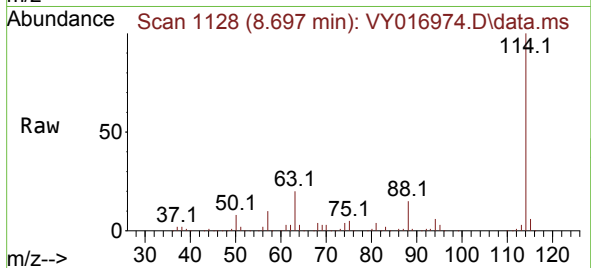
Tgt Ion:114 Resp: 224043

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.168 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

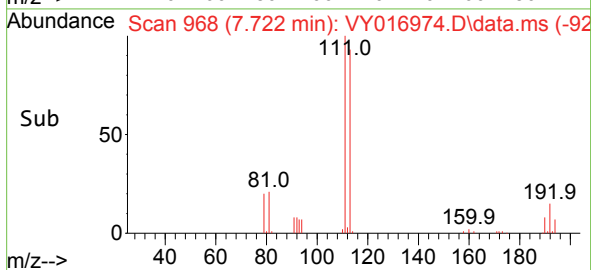
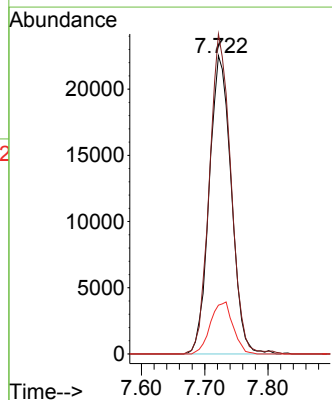
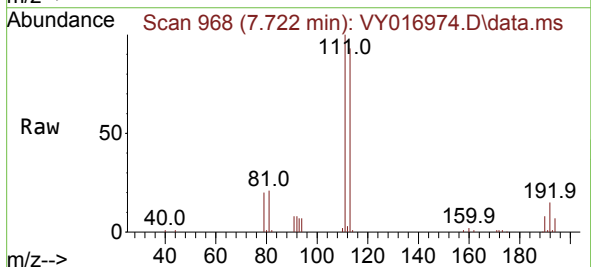
Tgt Ion:113 Resp: 54492

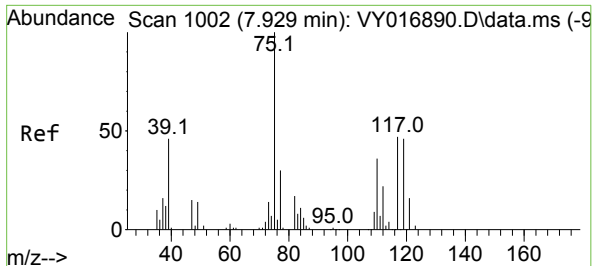
Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

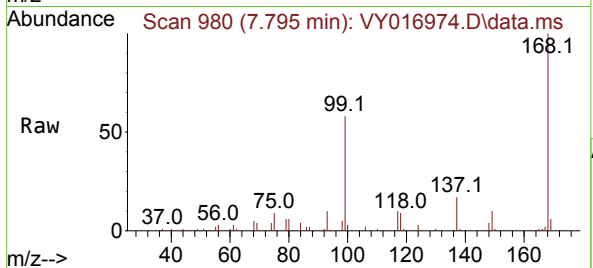
192 17.8 14.5 21.7



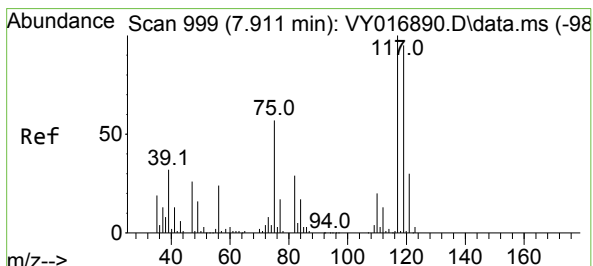
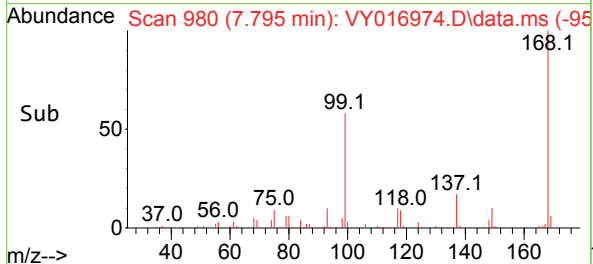
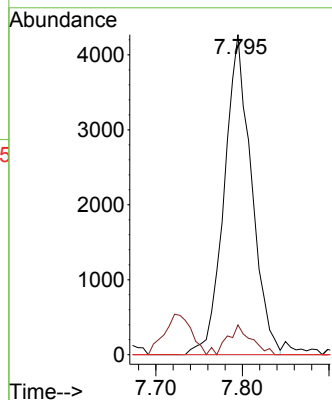


#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY016974.D
 Acq: 10 Jan 2024 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :

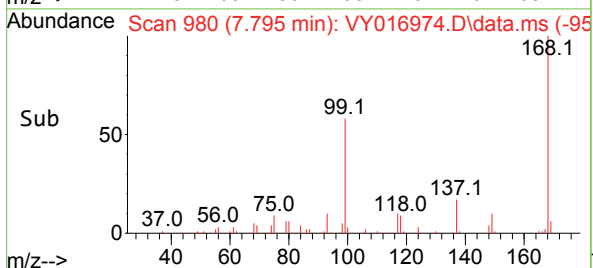
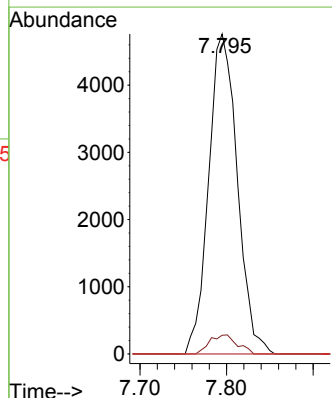
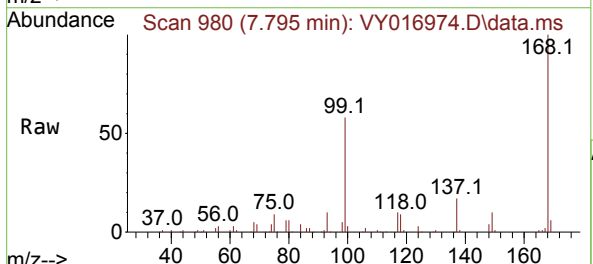


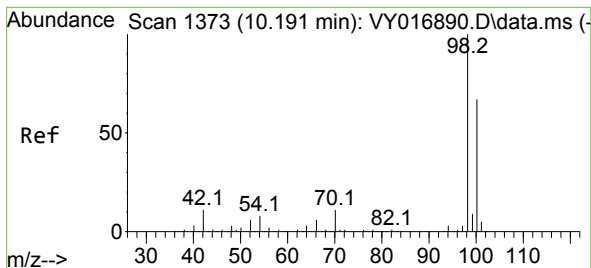
Tgt Ion: 75 Resp: 9297
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.180 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY016974.D
 Acq: 10 Jan 2024 15:37

Tgt Ion: 117 Resp: 10951
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 40.519 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

Instrument :

MSVOA_Y

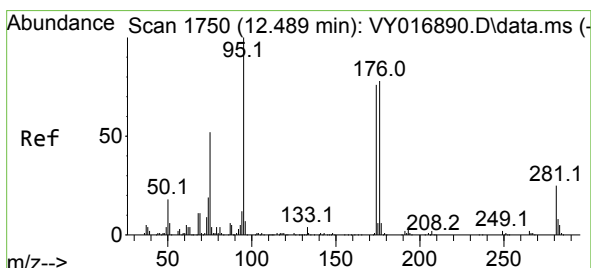
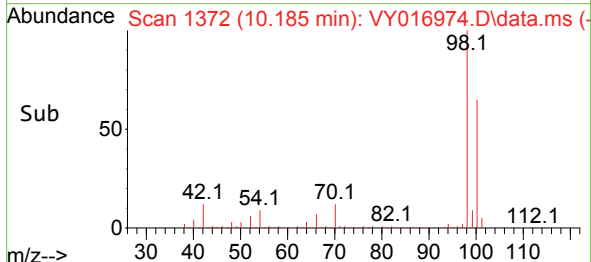
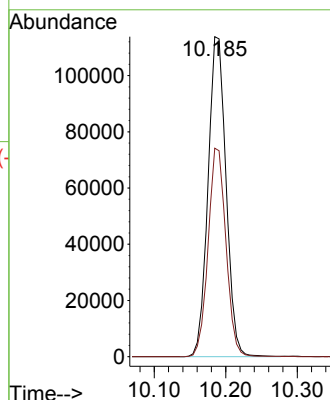
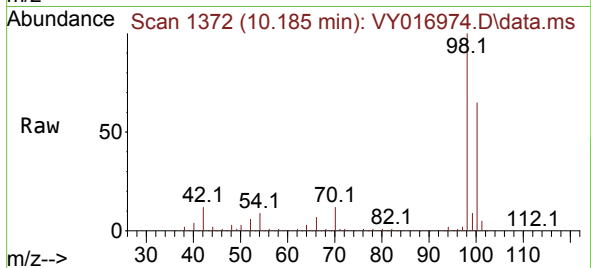
ClientSampleId :

Tgt Ion: 98 Resp: 199204

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.073 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

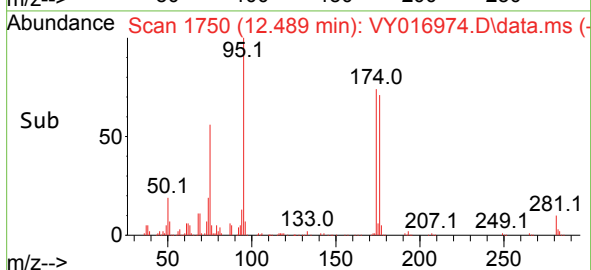
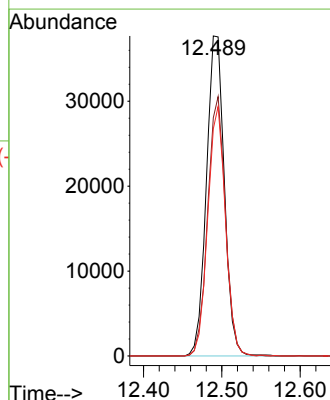
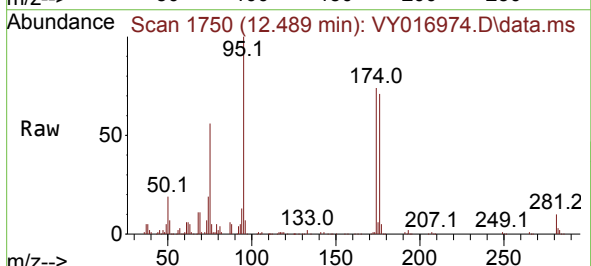
Tgt Ion: 95 Resp: 59834

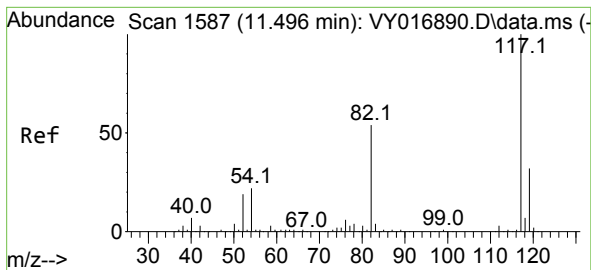
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.0

176 76.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

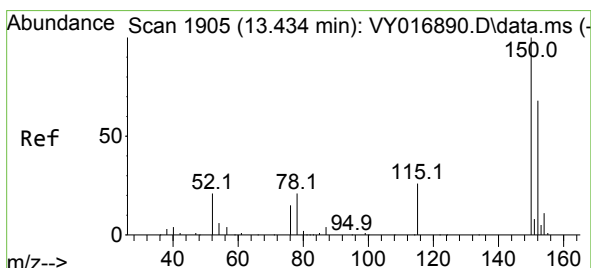
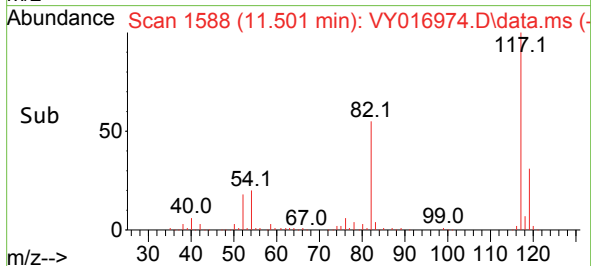
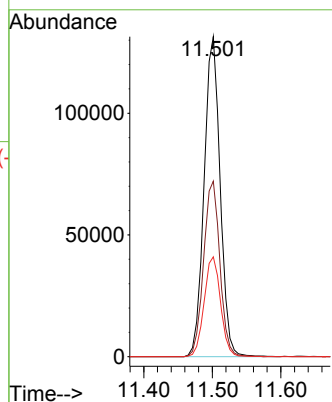
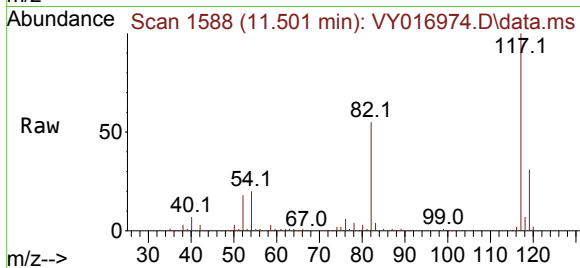
Tgt Ion:117 Resp: 214413

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

119 31.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

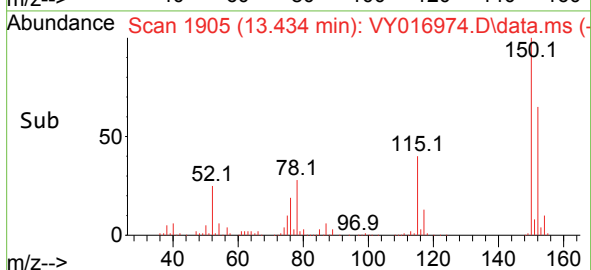
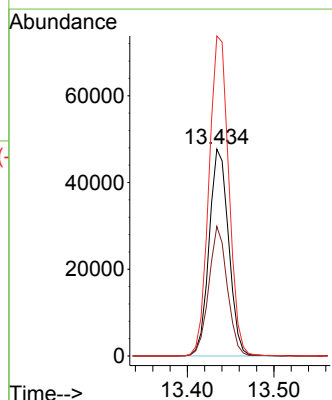
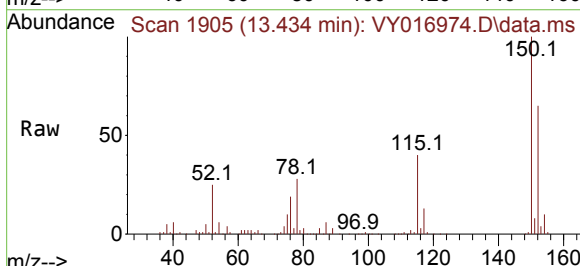
Tgt Ion:152 Resp: 74538

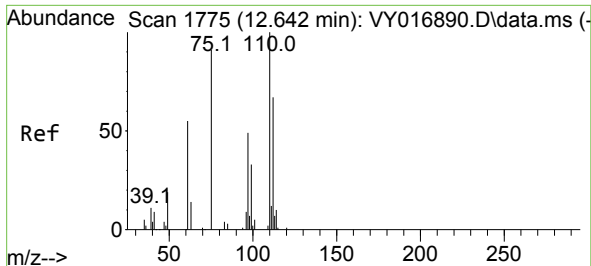
Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.4 0.0 344.6

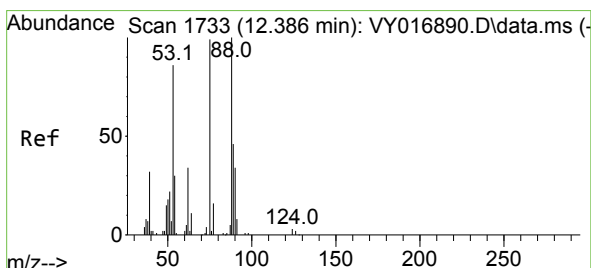
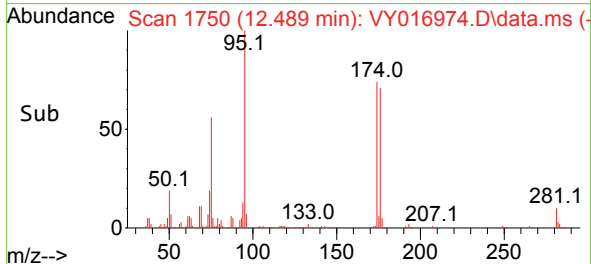
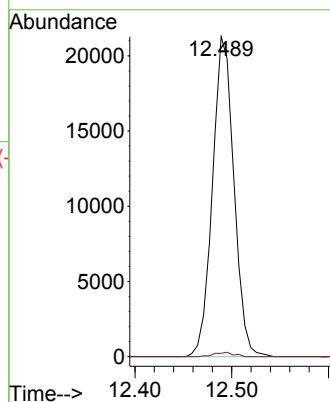
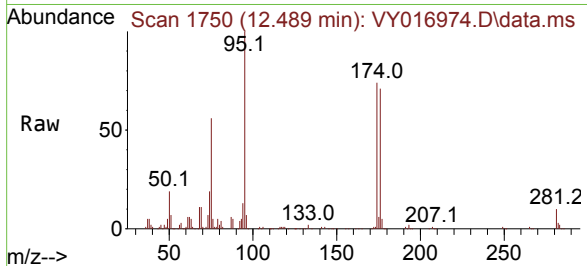




#76
1,2,3-Trichloropropane
Concen: 40.495 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32755
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.953 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Tgt Ion: 75 Resp: 32755
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.3 36.5 54.7#

