

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016915.D
 Acq On : 05 Jan 2024 11:30
 Operator : SY/MD
 Sample : VY0105SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:32:57 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)

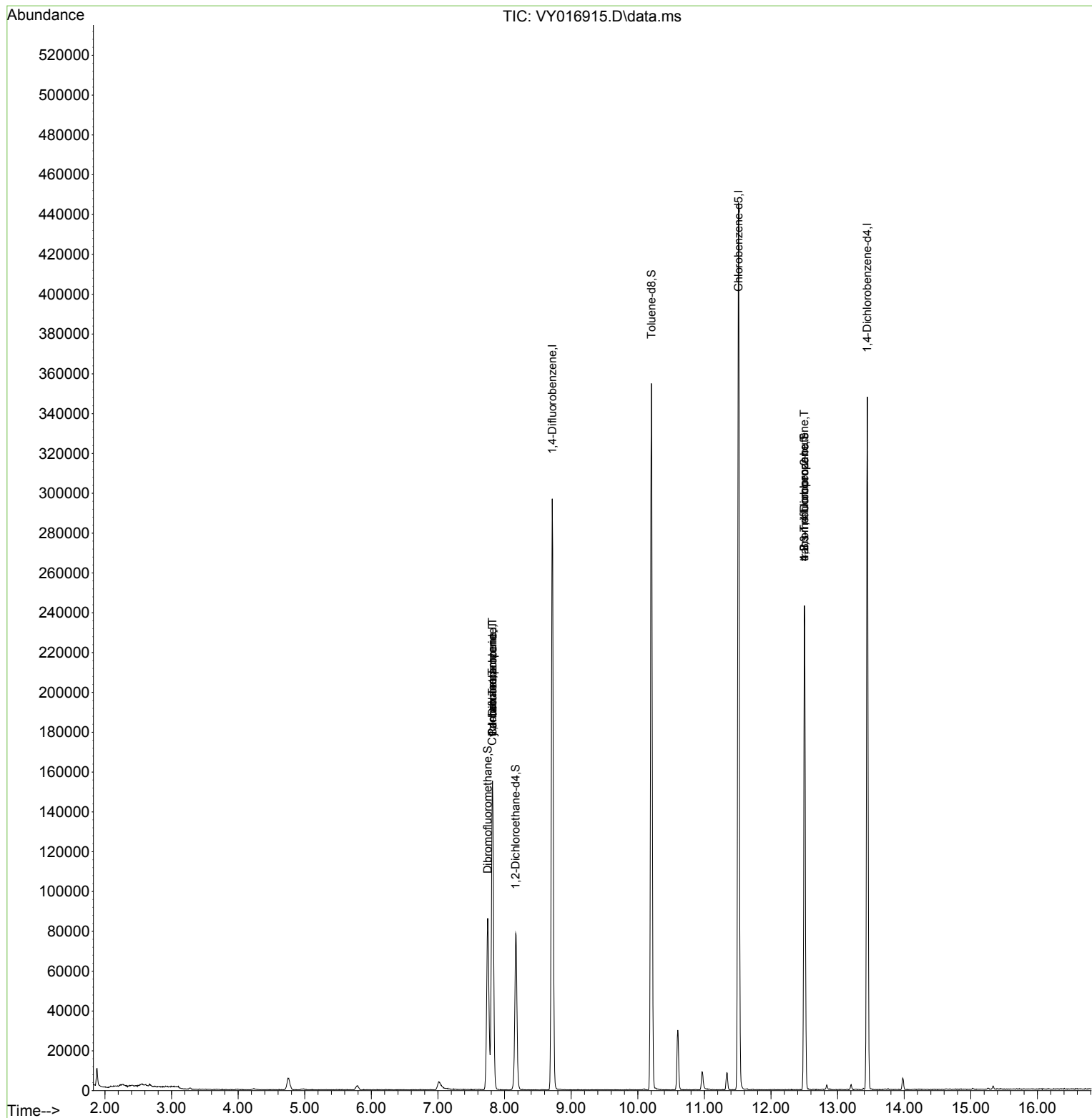
Internal Standards						
1) Pentafluorobenzene	7.820	168	117530	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	252757	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	242404	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	88349	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58786	50.607	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.220%	
35) Dibromofluoromethane	7.746	113	62696	38.926	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.860%	
50) Toluene-d8	10.203	98	231600	41.757	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.520%	
62) 4-Bromofluorobenzene	12.502	95	70974	37.928	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.860%	
Target Compounds						
2) Dichlorodifluoromethane	1.924	85	24	Below Cal	#	Qvalue 40
11) Tert butyl alcohol	4.985	59	784	Below Cal	#	75
16) Acetone	3.979	43	565	Below Cal	#	41
20) Methylene Chloride	4.747	84	4416	Below Cal		91
25) 2-Butanone	7.021	43	129	Below Cal	#	48
31) Cyclohexane	7.813	56	2605	1.307	ug/l #	1
36) 1,1-Dichloropropene	7.820	75	10309	4.392	ug/l #	49
38) Carbon Tetrachloride	7.820	117	12236	5.131	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	37751	39.375	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	37751	89.412	ug/l #	12

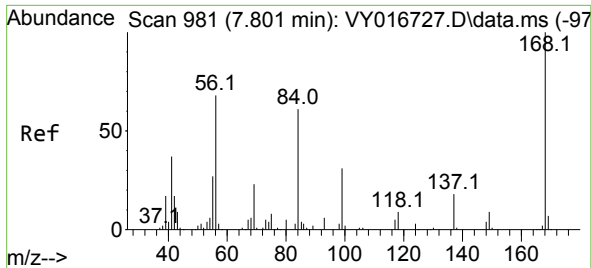
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016915.D
Acq On : 05 Jan 2024 11:30
Operator : SY/MD
Sample : VY0105SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 05 22:32:57 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

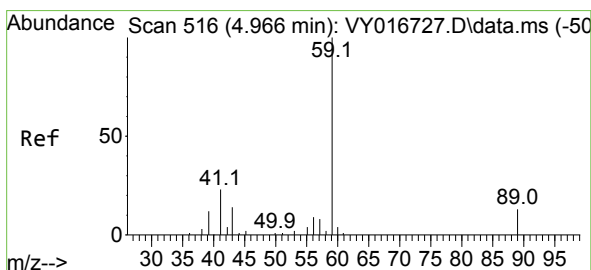
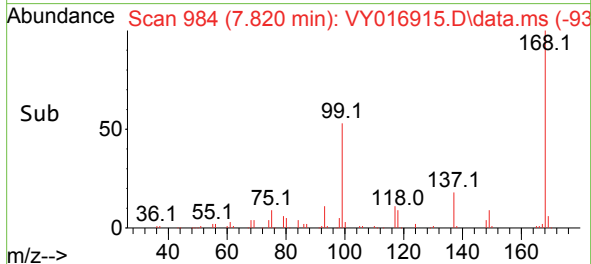
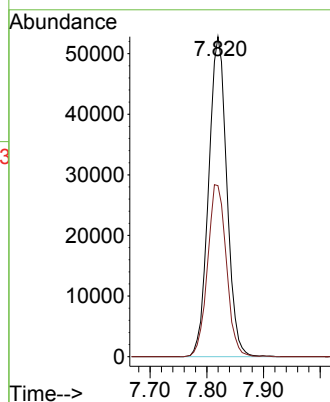
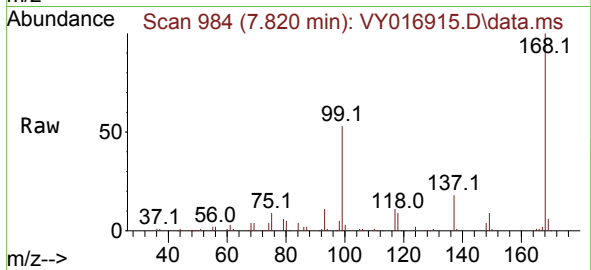




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

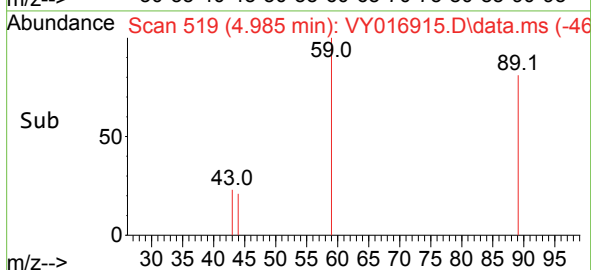
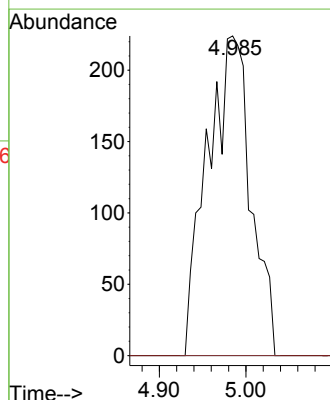
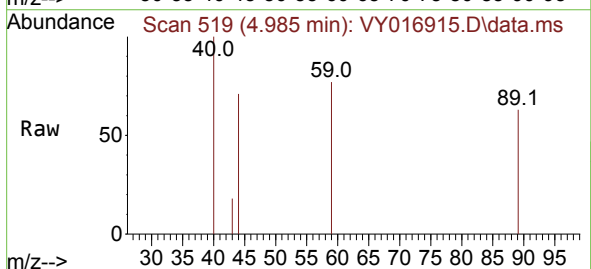
Instrument :
MSVOA_Y
ClientSampleId :

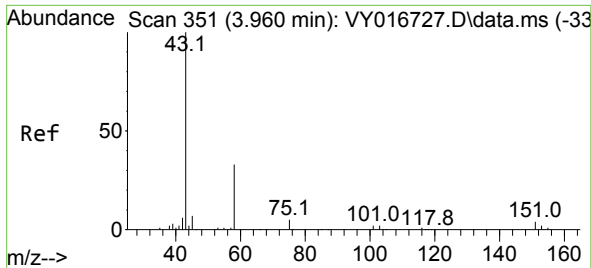
Tgt Ion:168 Resp: 117530
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

Tgt Ion: 59 Resp: 784
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

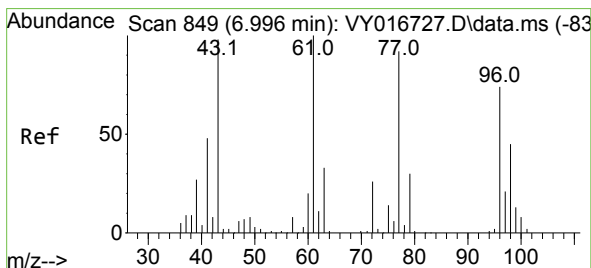
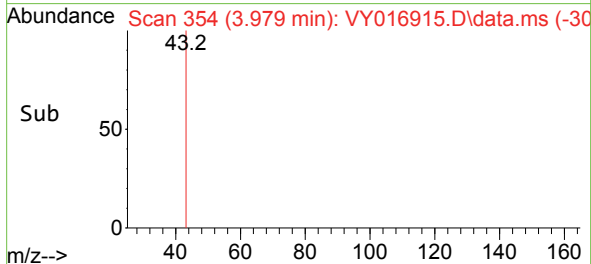
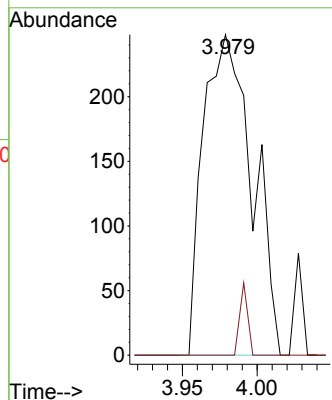
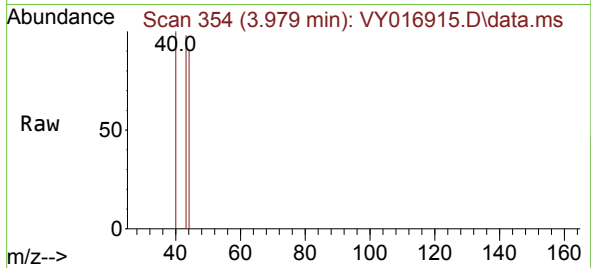




#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

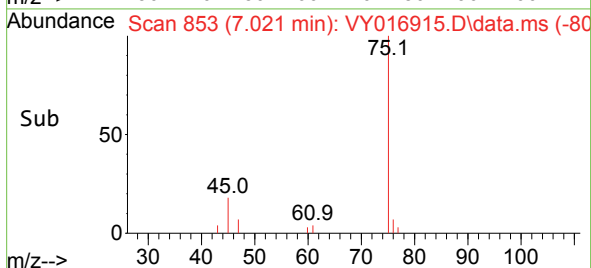
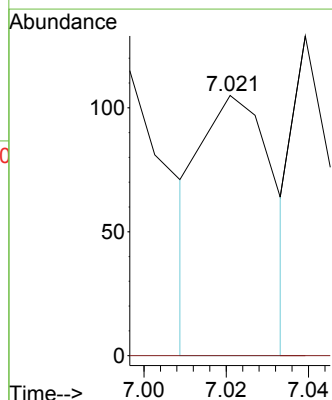
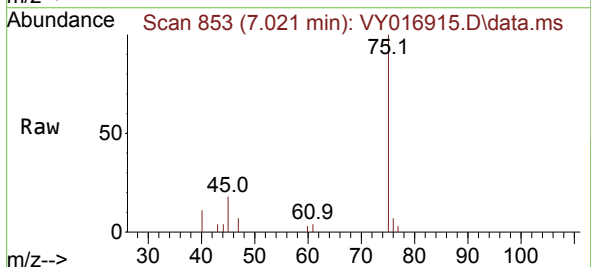
Instrument :
MSVOA_Y
ClientSampleId :

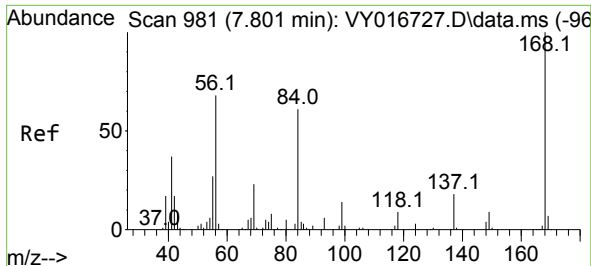
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#25
2-Butanone
Concen: Below Cal
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

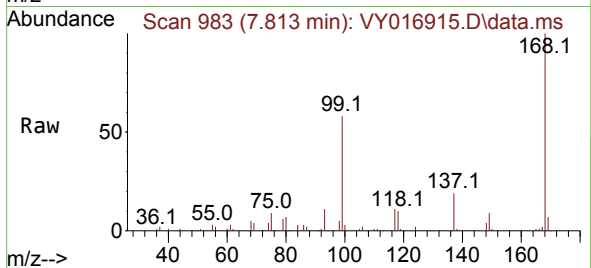
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



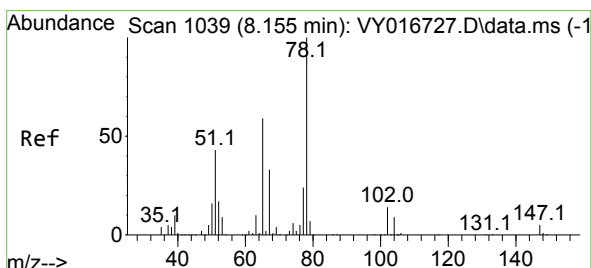
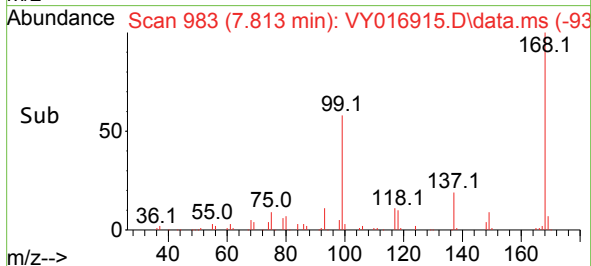
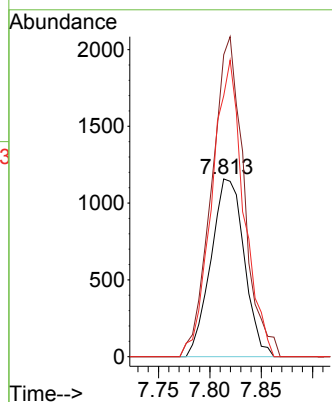


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :

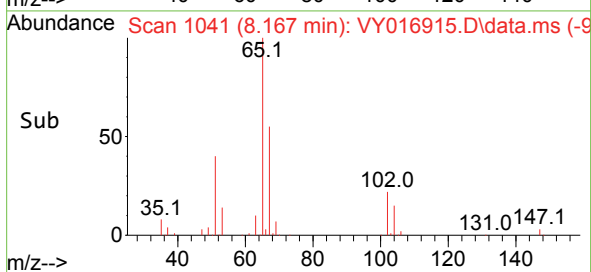
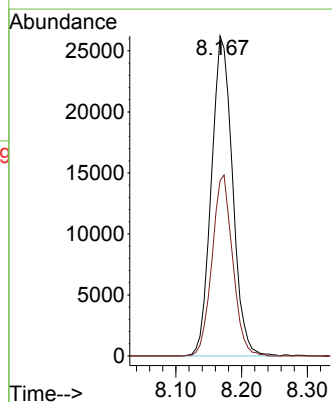
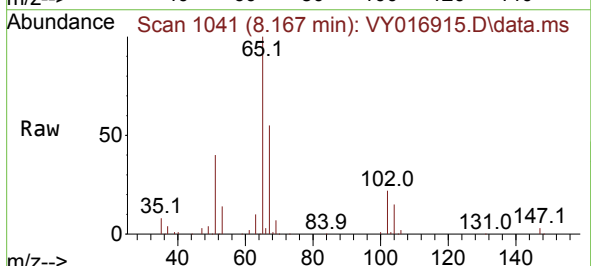


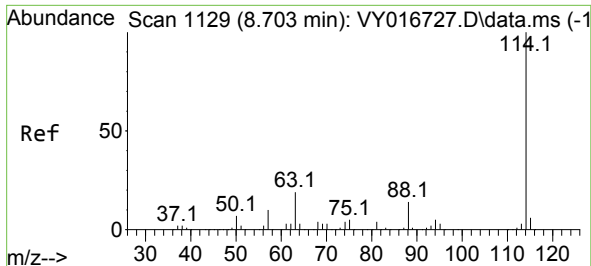
Tgt Ion: 56 Resp: 2605
Ion Ratio Lower Upper
56 100
69 169.9 27.0 40.6#
84 146.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.607 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

Tgt Ion: 65 Resp: 58786
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016915.D

Acq: 05 Jan 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

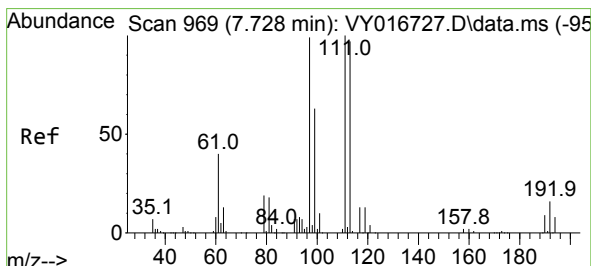
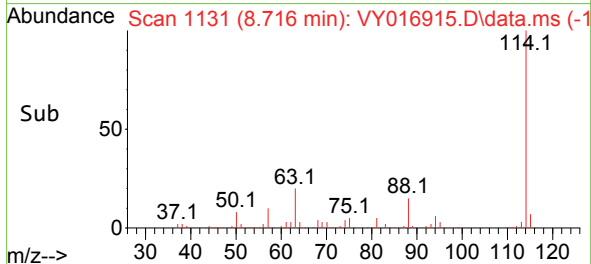
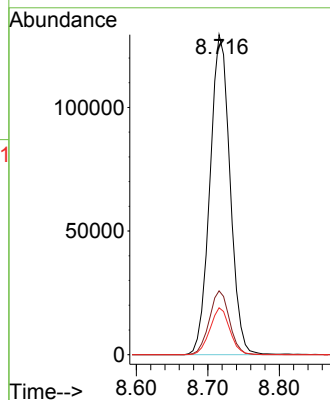
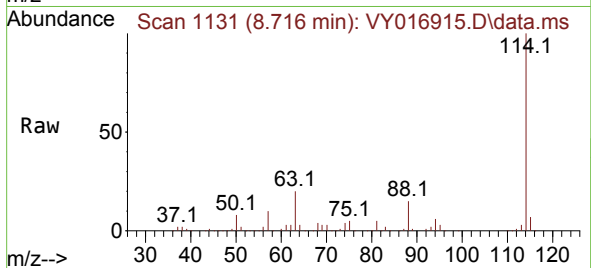
Tgt Ion:114 Resp: 252757

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.926 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016915.D

Acq: 05 Jan 2024 11:30

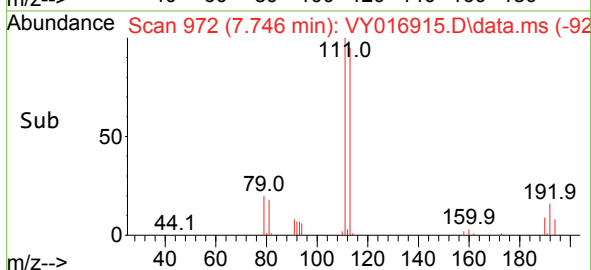
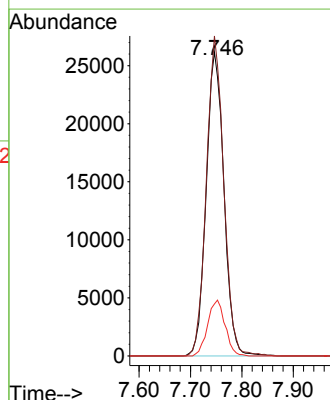
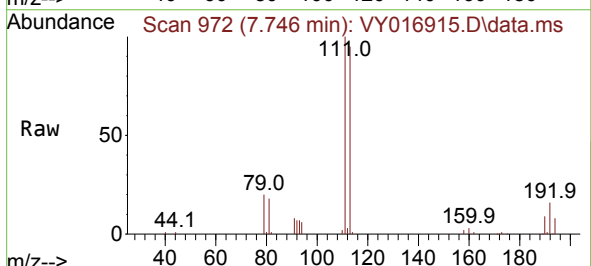
Tgt Ion:113 Resp: 62696

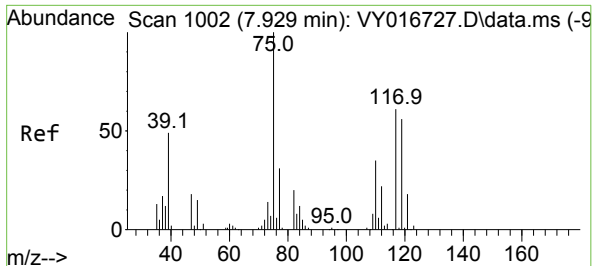
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.1 14.5 21.7

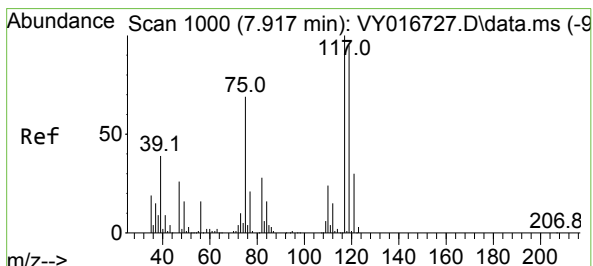
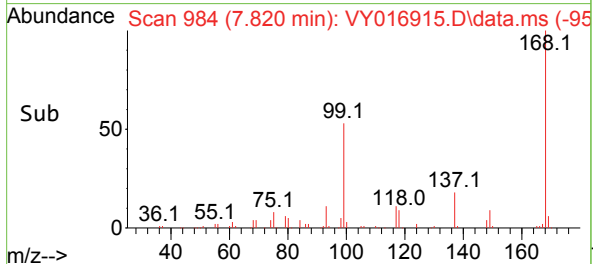
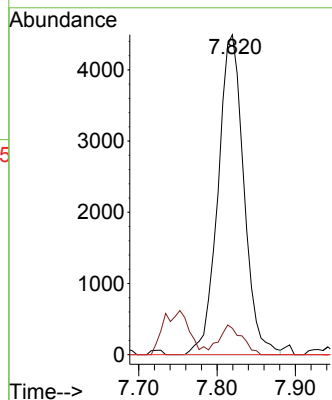
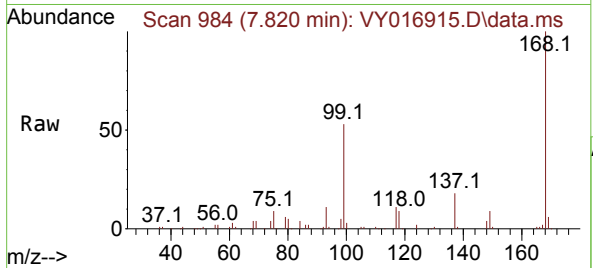




#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.109 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

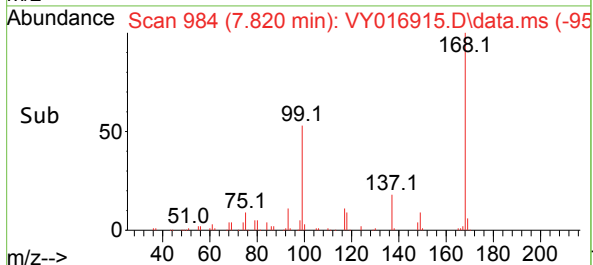
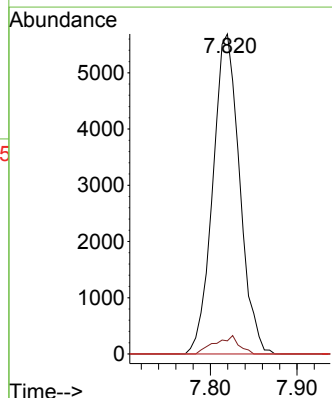
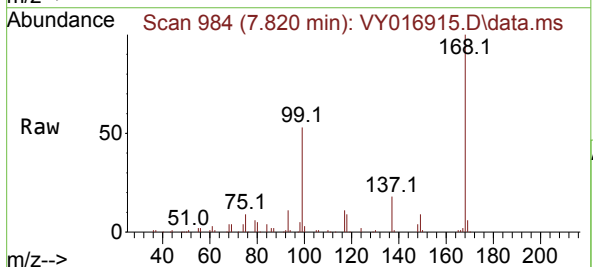
Instrument :
MSVOA_Y
ClientSampleId :

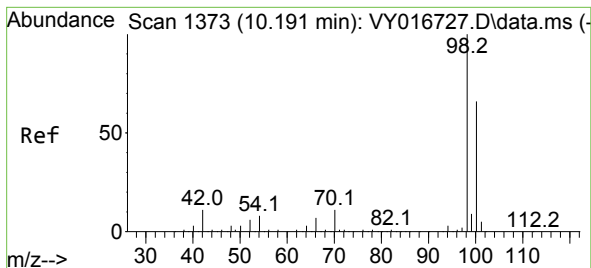
Tgt Ion: 75 Resp: 10309
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.131 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.097 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

Tgt Ion: 117 Resp: 12236
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 41.757 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016915.D

Acq: 05 Jan 2024 11:30

Instrument :

MSVOA_Y

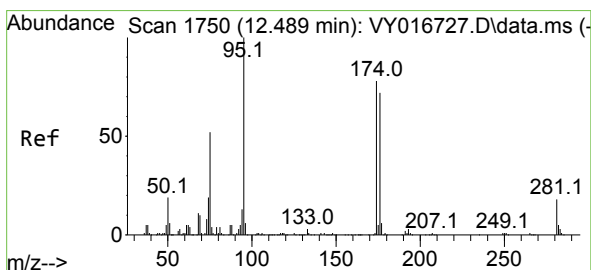
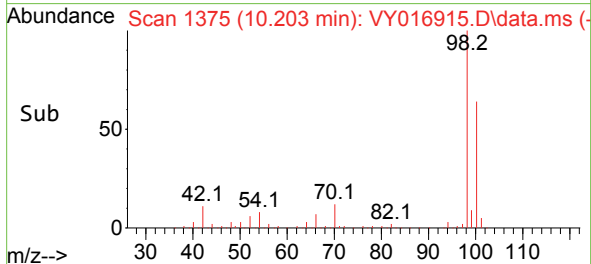
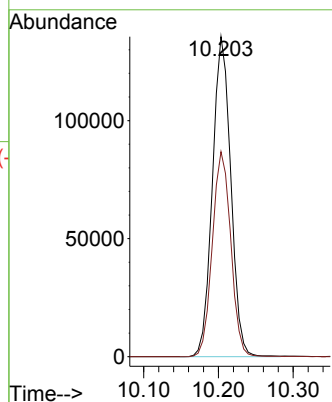
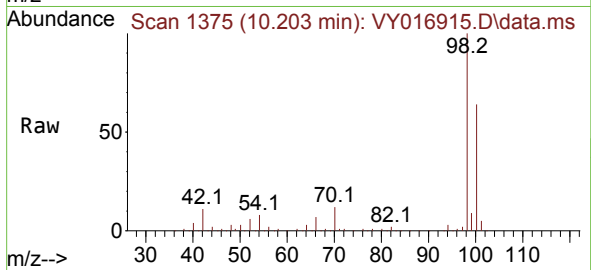
ClientSampleId :

Tgt Ion: 98 Resp: 231600

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.928 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY016915.D

Acq: 05 Jan 2024 11:30

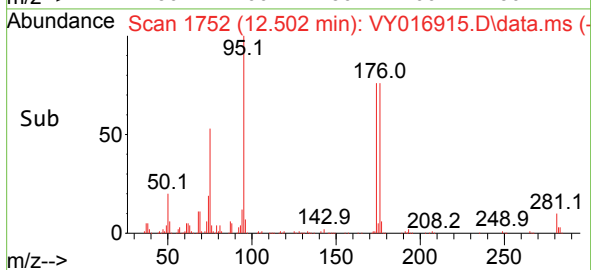
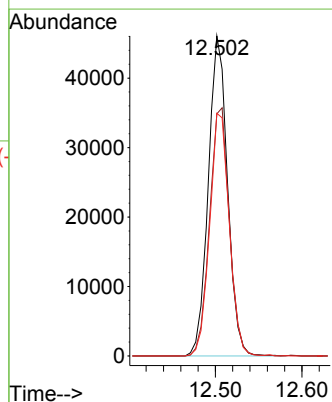
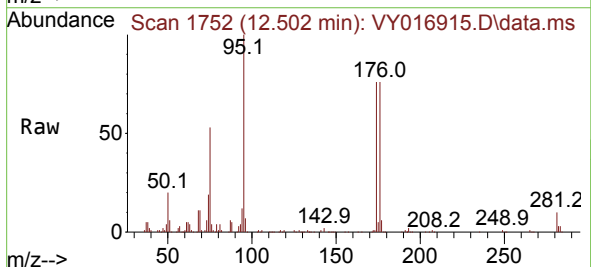
Tgt Ion: 95 Resp: 70974

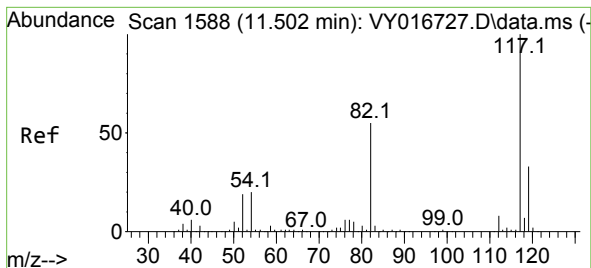
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.0

176 77.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016915.D

Acq: 05 Jan 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

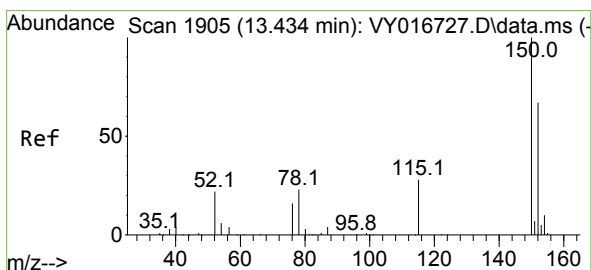
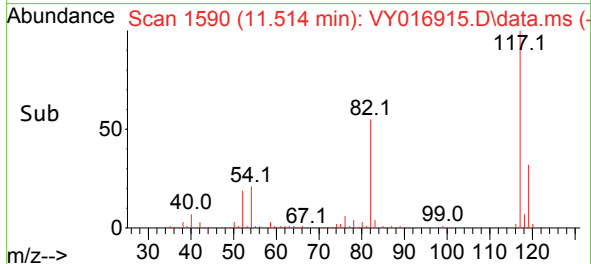
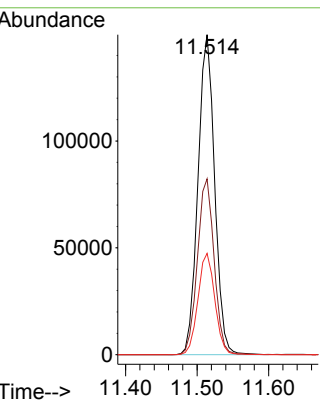
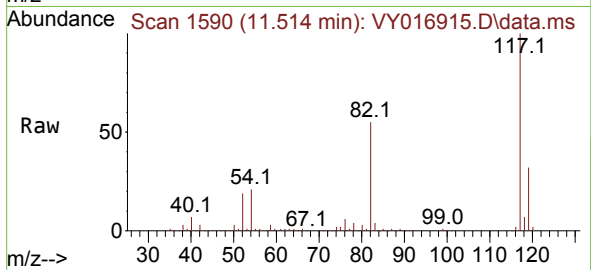
Tgt Ion:117 Resp: 242404

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016915.D

Acq: 05 Jan 2024 11:30

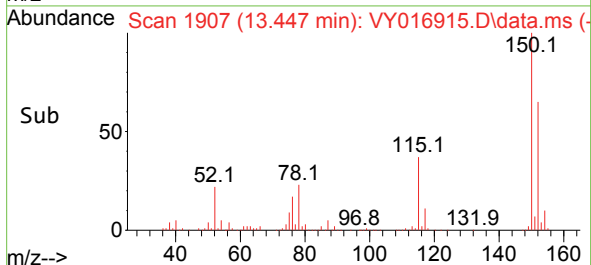
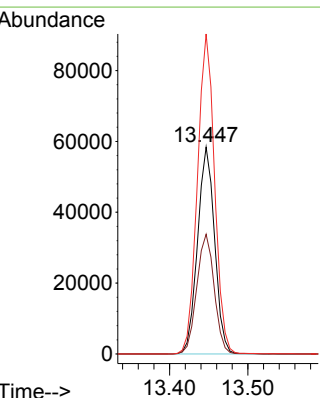
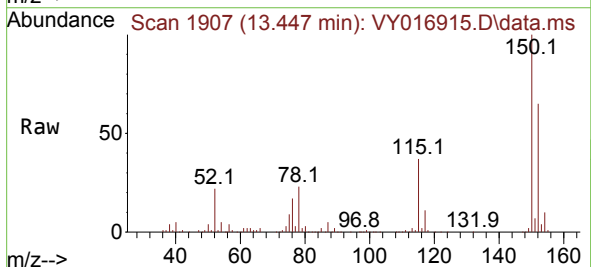
Tgt Ion:152 Resp: 88349

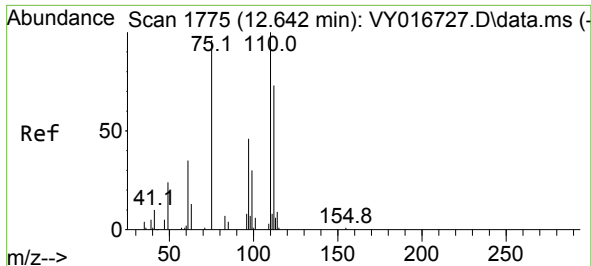
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 155.7 0.0 344.6

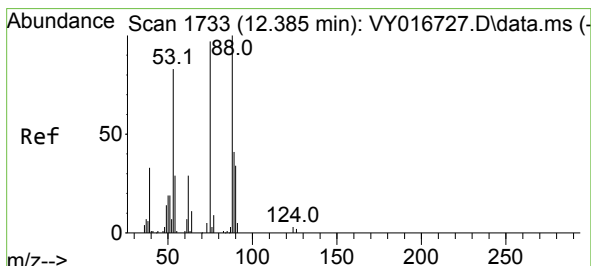
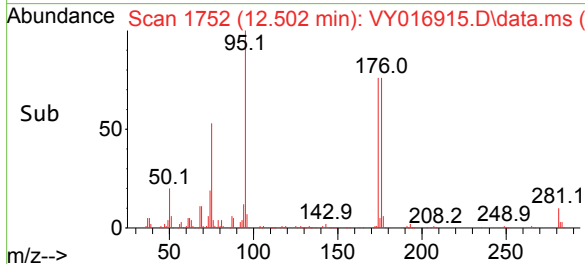
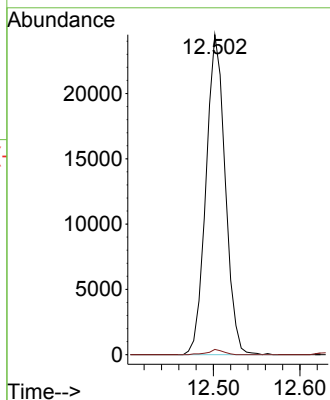
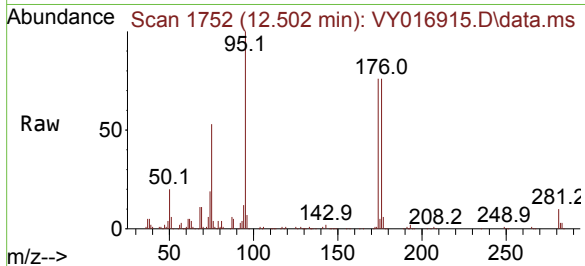




#76
1,2,3-Trichloropropane
Concen: 39.375 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37751
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.412 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.117 min
Lab File: VY016915.D
Acq: 05 Jan 2024 11:30

Tgt Ion: 75 Resp: 37751
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.2 36.5 54.7#

