

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016956.D
 Acq On : 09 Jan 2024 18:08
 Operator : SY/MD
 Sample : P1085-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:30:50 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)

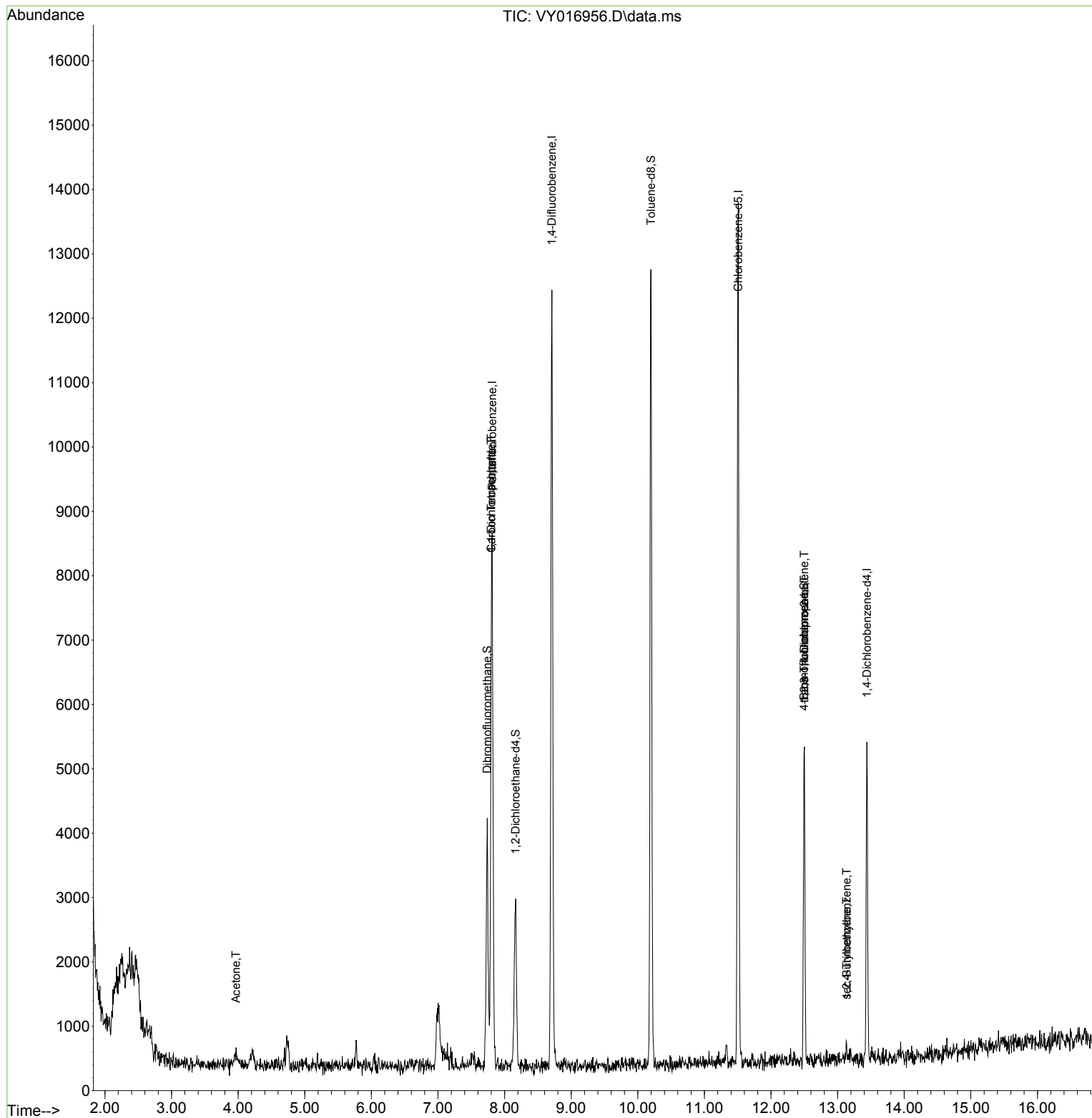
Internal Standards						
1) Pentafluorobenzene	7.813	168	6691	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	11046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	7537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	2193	33.161	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.320%
35) Dibromofluoromethane	7.740	113	2631	37.378	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.760%
50) Toluene-d8	10.197	98	9272	38.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.500%
62) 4-Bromofluorobenzene	12.495	95	1670	20.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.840%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	422	1.939	ug/l #	41
20) Methylene Chloride	4.728	84	323	Below Cal	#	82
36) 1,1-Dichloropropene	7.801	75	646	6.297	ug/l #	42
38) Carbon Tetrachloride	7.801	117	702	6.736	ug/l #	12
76) 1,2,3-Trichloropropane	12.501	75	745	48.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	745	109.015	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.135	105	247	2.716	ug/l #	57
85) sec-Butylbenzene	13.135	105	247	2.049	ug/l #	57

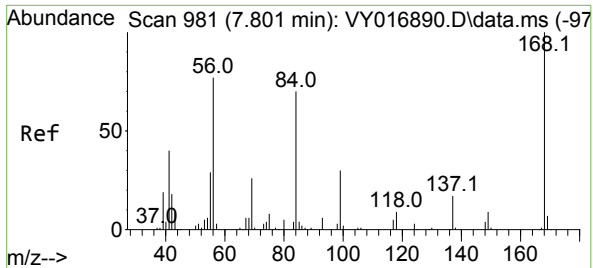
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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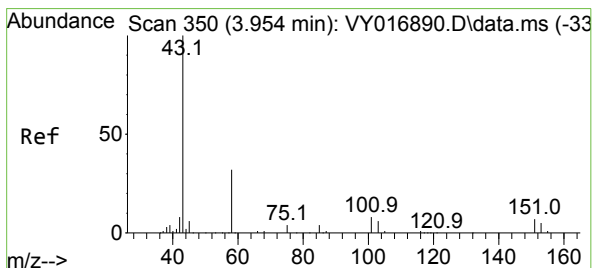
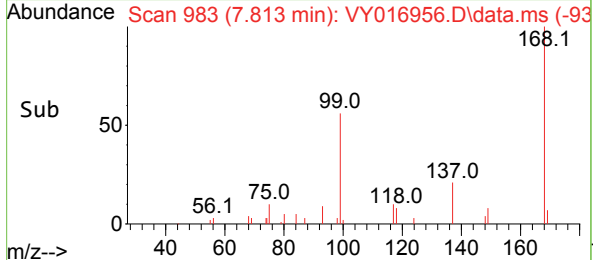
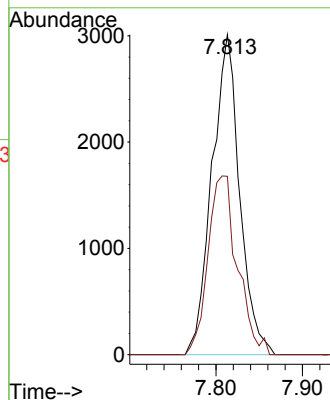
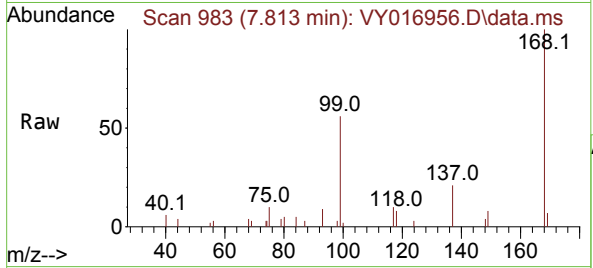




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

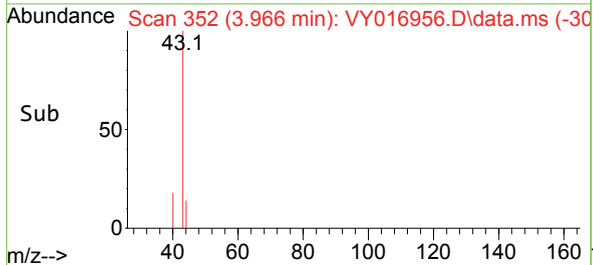
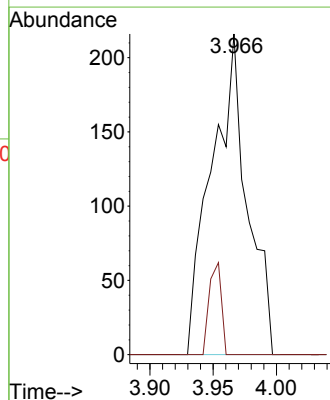
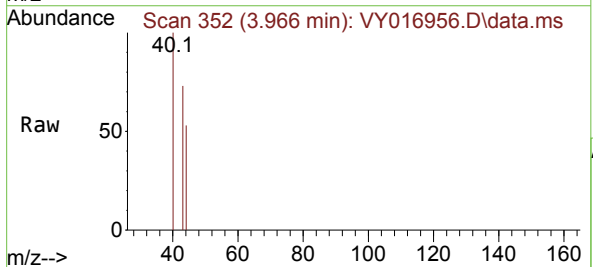
Instrument :
MSVOA_Y
ClientSampleId :

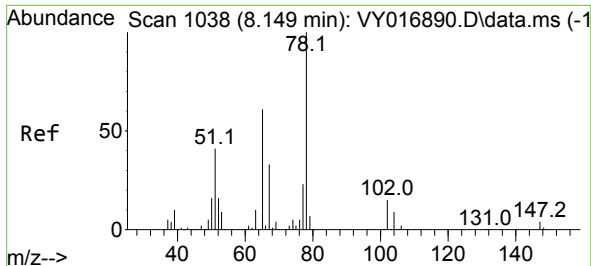
Tgt Ion:168 Resp: 6691
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 1.939 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 33.161 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016956.D

Acq: 09 Jan 2024 18:08

Instrument :

MSVOA_Y

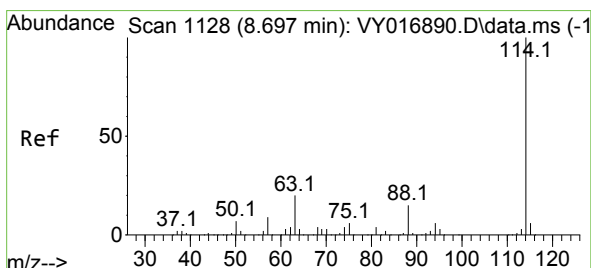
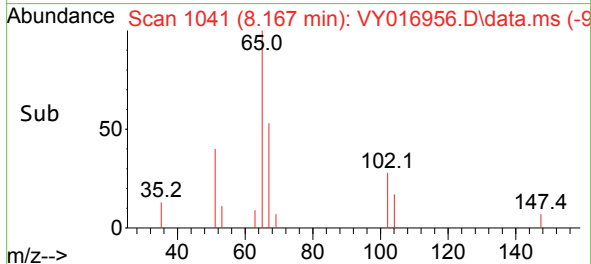
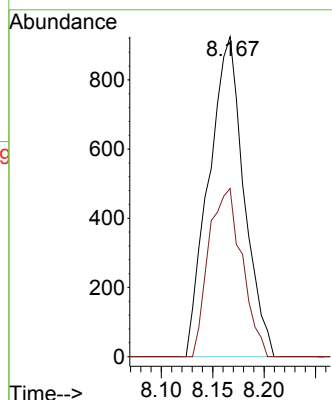
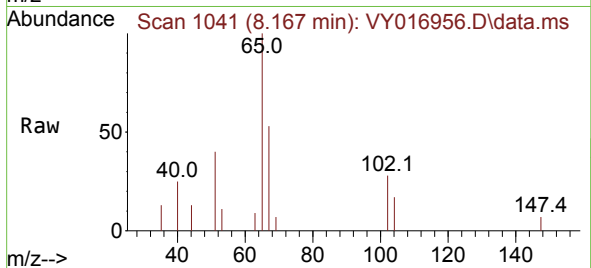
ClientSampleId :

Tgt Ion: 65 Resp: 2193

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016956.D

Acq: 09 Jan 2024 18:08

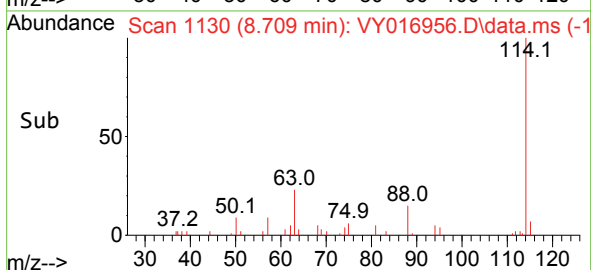
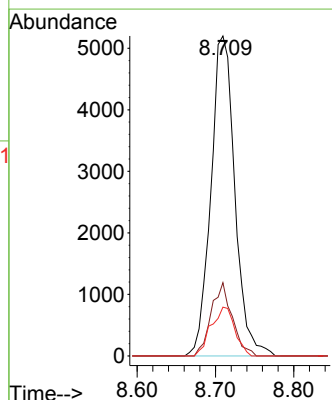
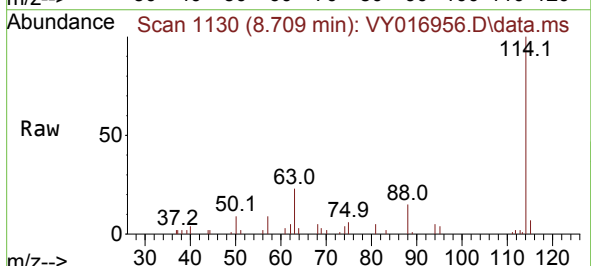
Tgt Ion: 114 Resp: 11046

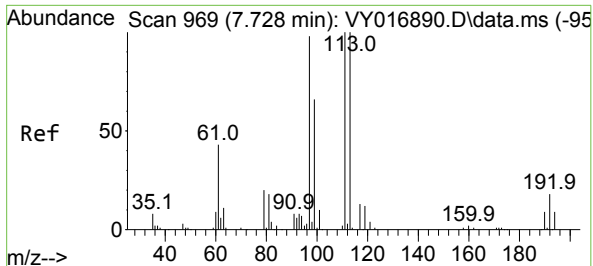
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.4

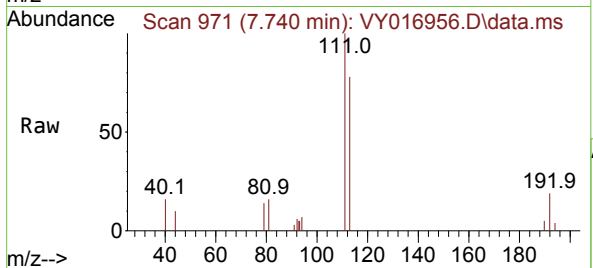
88 15.3 0.0 29.0



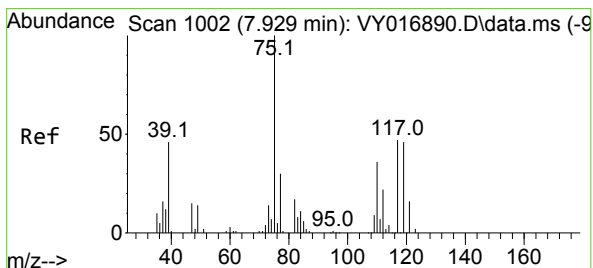
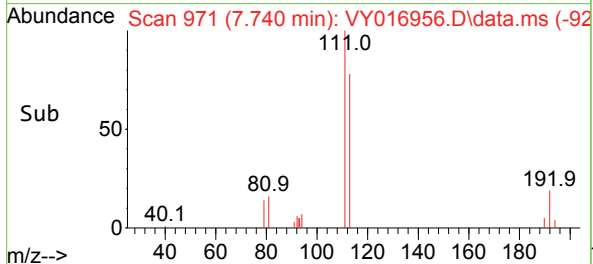
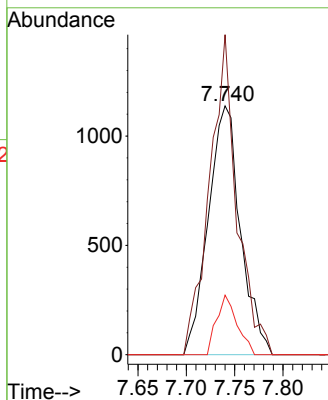


#35
Dibromofluoromethane
Concen: 37.378 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Instrument :
MSVOA_Y
ClientSampleId :

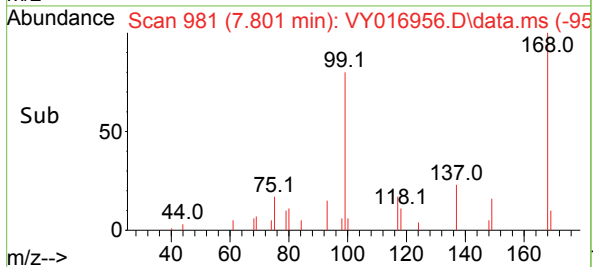
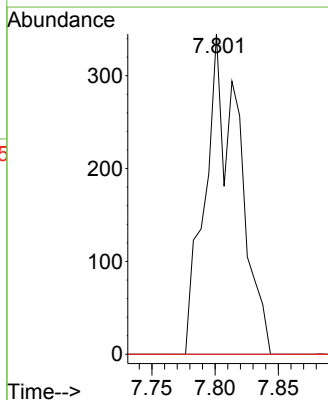
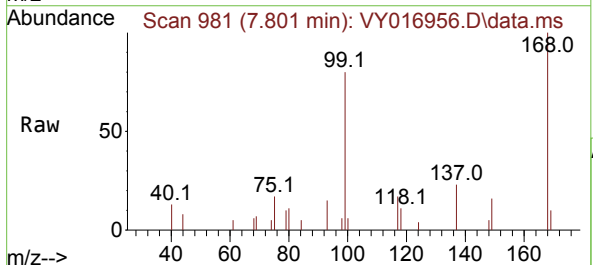


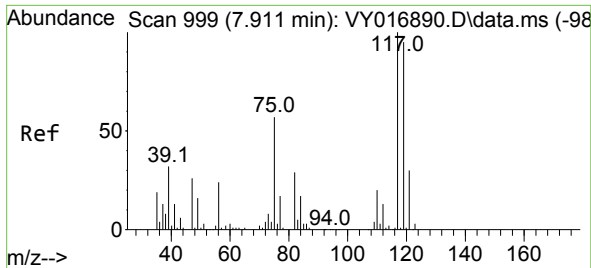
Tgt Ion:113 Resp: 2631
Ion Ratio Lower Upper
113 100
111 109.5 83.8 125.6
192 15.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 6.297 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

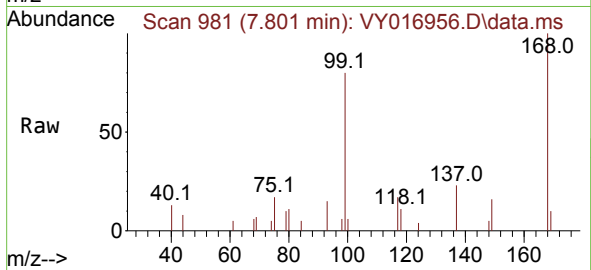
Tgt Ion: 75 Resp: 646
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



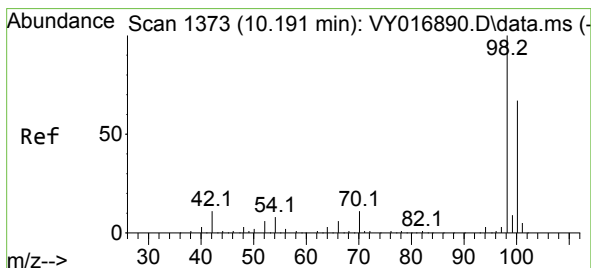
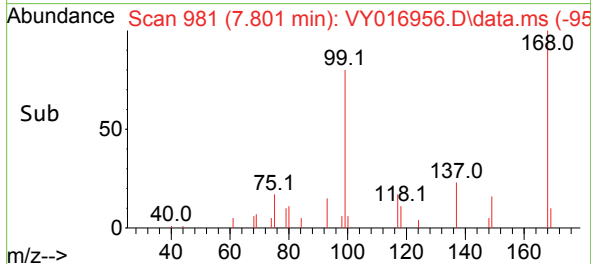
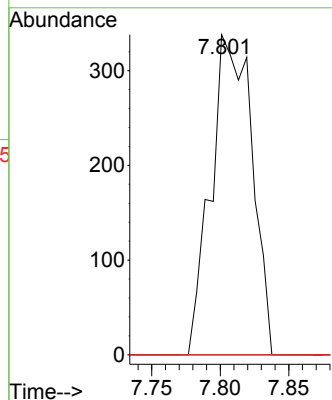


#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Instrument :
MSVOA_Y
ClientSampleId :

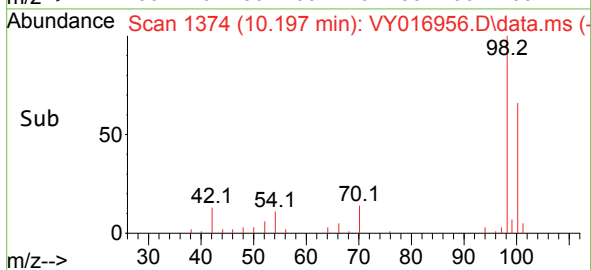
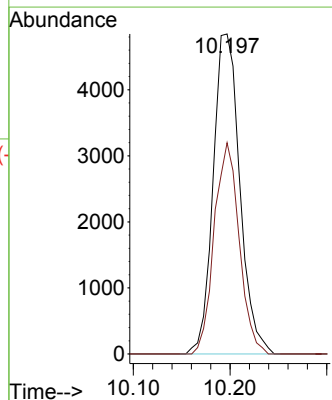
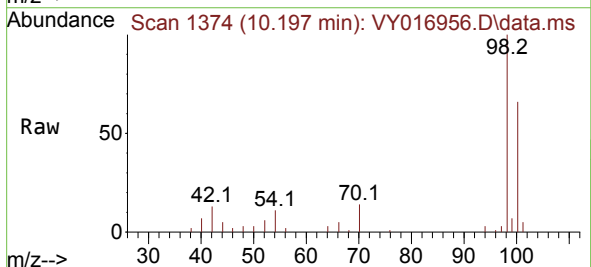


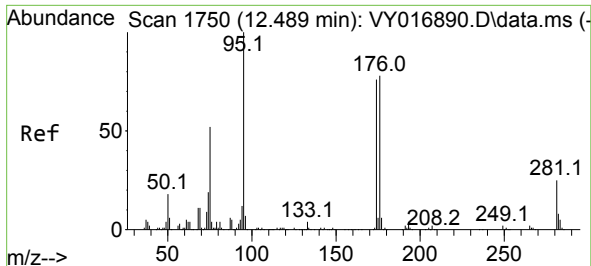
Tgt Ion:117 Resp: 702
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.253 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Tgt Ion: 98 Resp: 9272
Ion Ratio Lower Upper
98 100
100 61.8 52.3 78.5

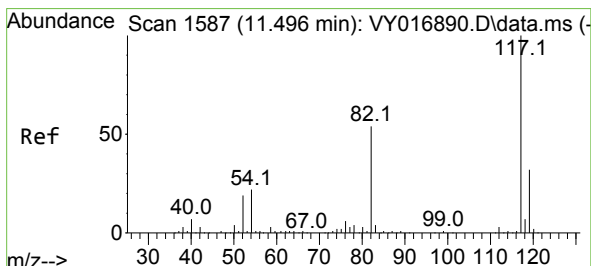
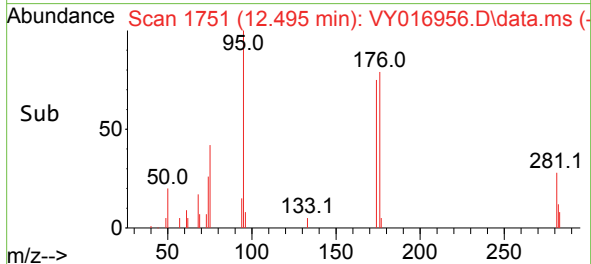
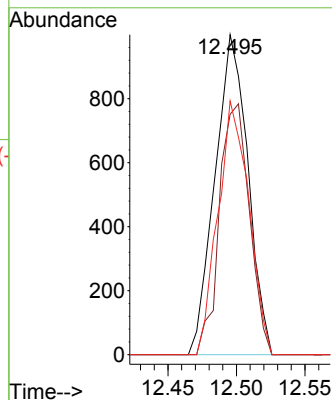
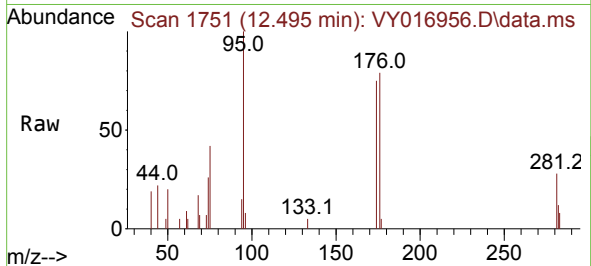




#62
4-Bromofluorobenzene
Concen: 20.421 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

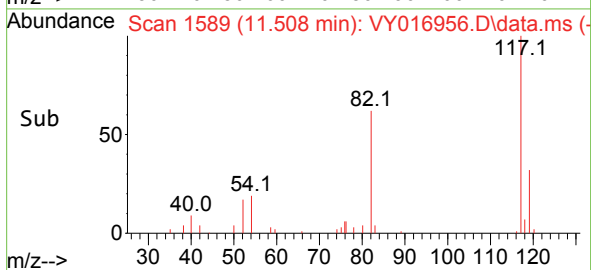
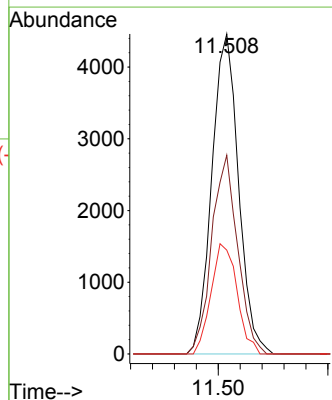
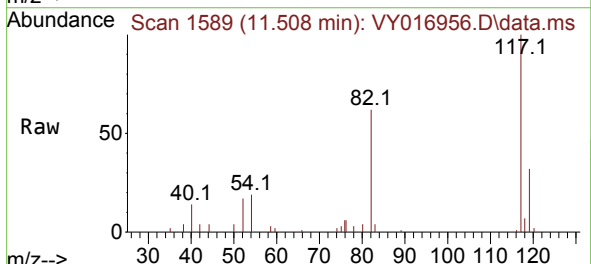
Instrument :
MSVOA_Y
ClientSampleId :

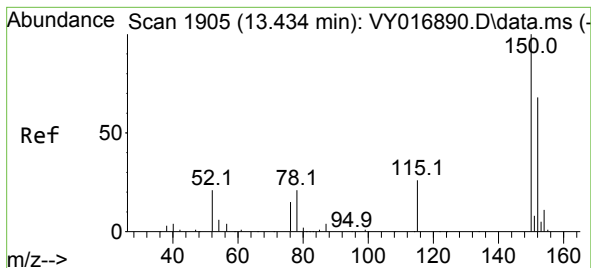
Tgt Ion: 95 Resp: 1670
Ion Ratio Lower Upper
95 100
174 71.4 0.0 160.0
176 74.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Tgt Ion: 117 Resp: 7537
Ion Ratio Lower Upper
117 100
82 62.1 43.8 65.8
119 32.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016956.D

Acq: 09 Jan 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

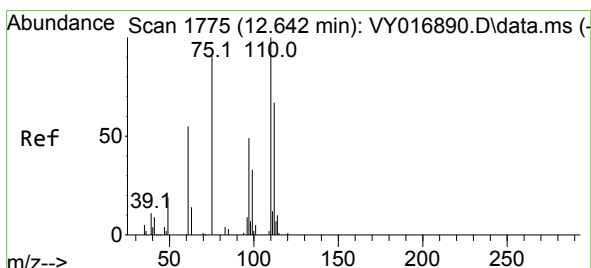
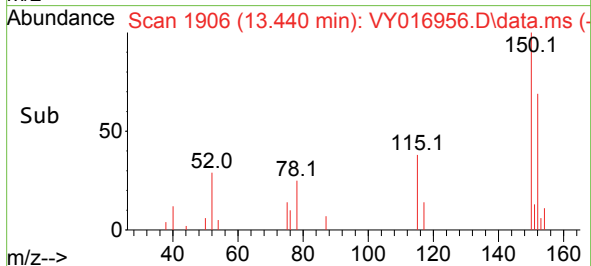
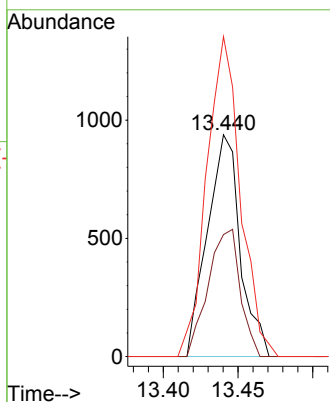
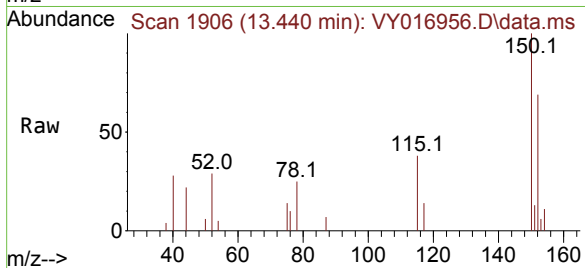
Tgt Ion:152 Resp: 1430

Ion Ratio Lower Upper

152 100

115 55.9 30.0 90.0

150 147.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 48.008 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.141 min

Lab File: VY016956.D

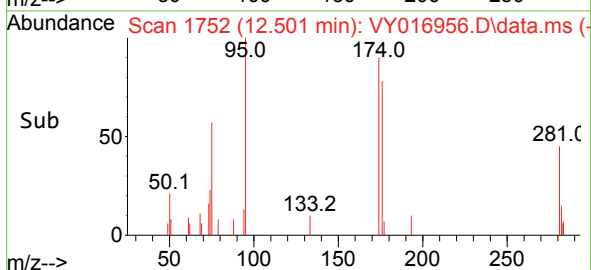
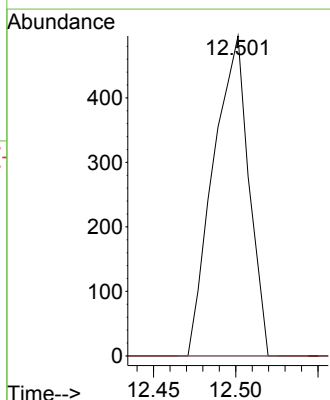
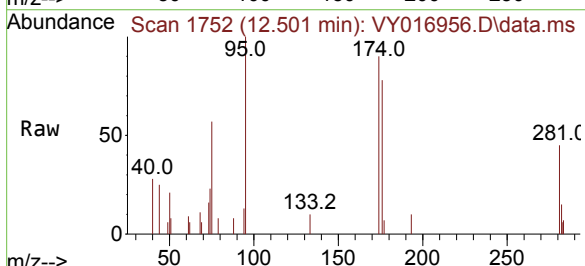
Acq: 09 Jan 2024 18:08

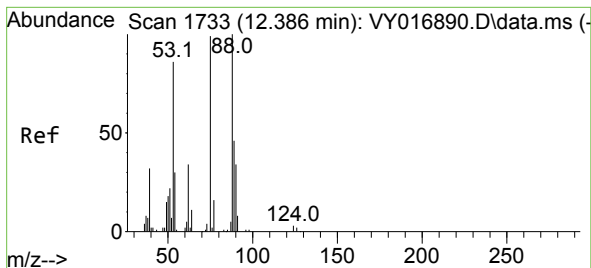
Tgt Ion: 75 Resp: 745

Ion Ratio Lower Upper

75 100

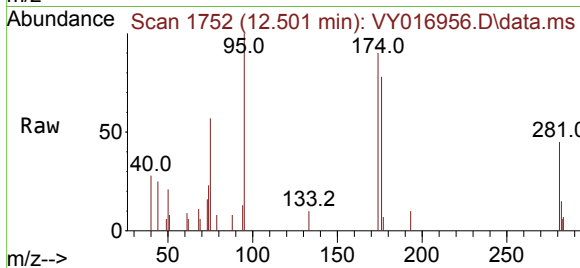
77 0.0 0.0 0.0



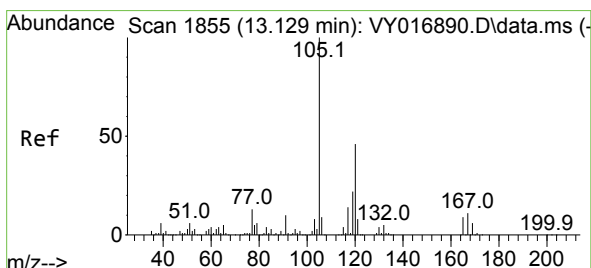
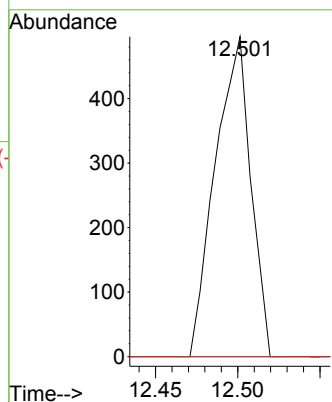
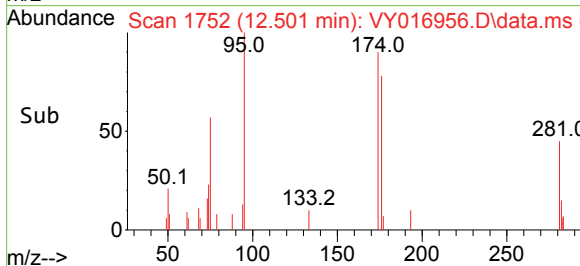


#81
trans-1,4-Dichloro-2-butene
Concen: 109.015 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

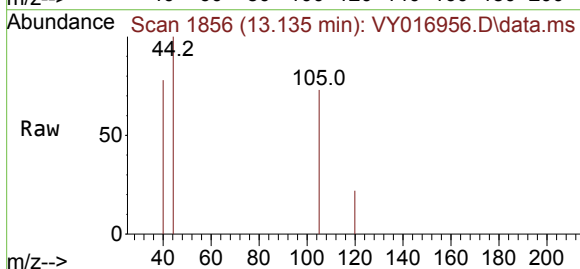
Instrument :
MSVOA_Y
ClientSampleId :



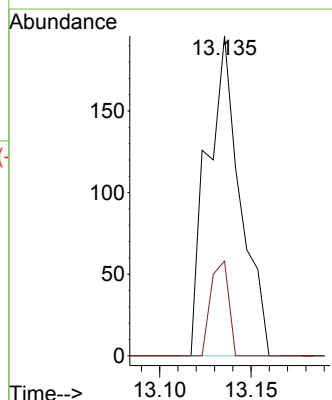
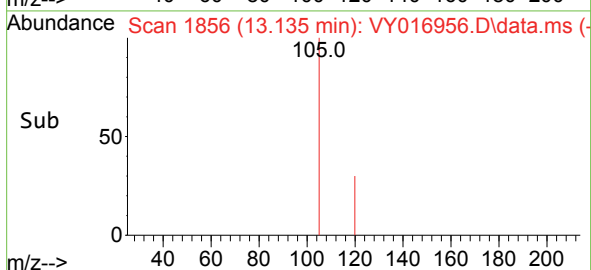
Tgt Ion: 75 Resp: 745
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

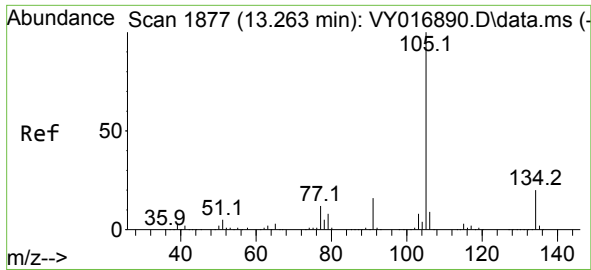


#84
1,2,4-Trimethylbenzene
Concen: 2.716 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08



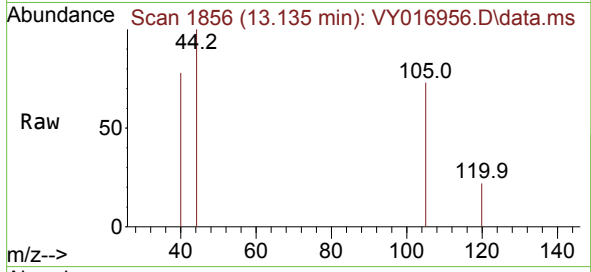
Tgt Ion: 105 Resp: 247
Ion Ratio Lower Upper
105 100
120 16.2 22.1 66.3#





#85
 sec-Butylbenzene
 Concen: 2.049 ug/l
 RT: 13.135 min Scan# 11
 Delta R.T. -0.128 min
 Lab File: VY016956.D
 Acq: 09 Jan 2024 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:105 Resp: 247
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#

