

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016948.D
 Acq On : 09 Jan 2024 15:01
 Operator : SY/MD
 Sample : P1050-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:27:21 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)

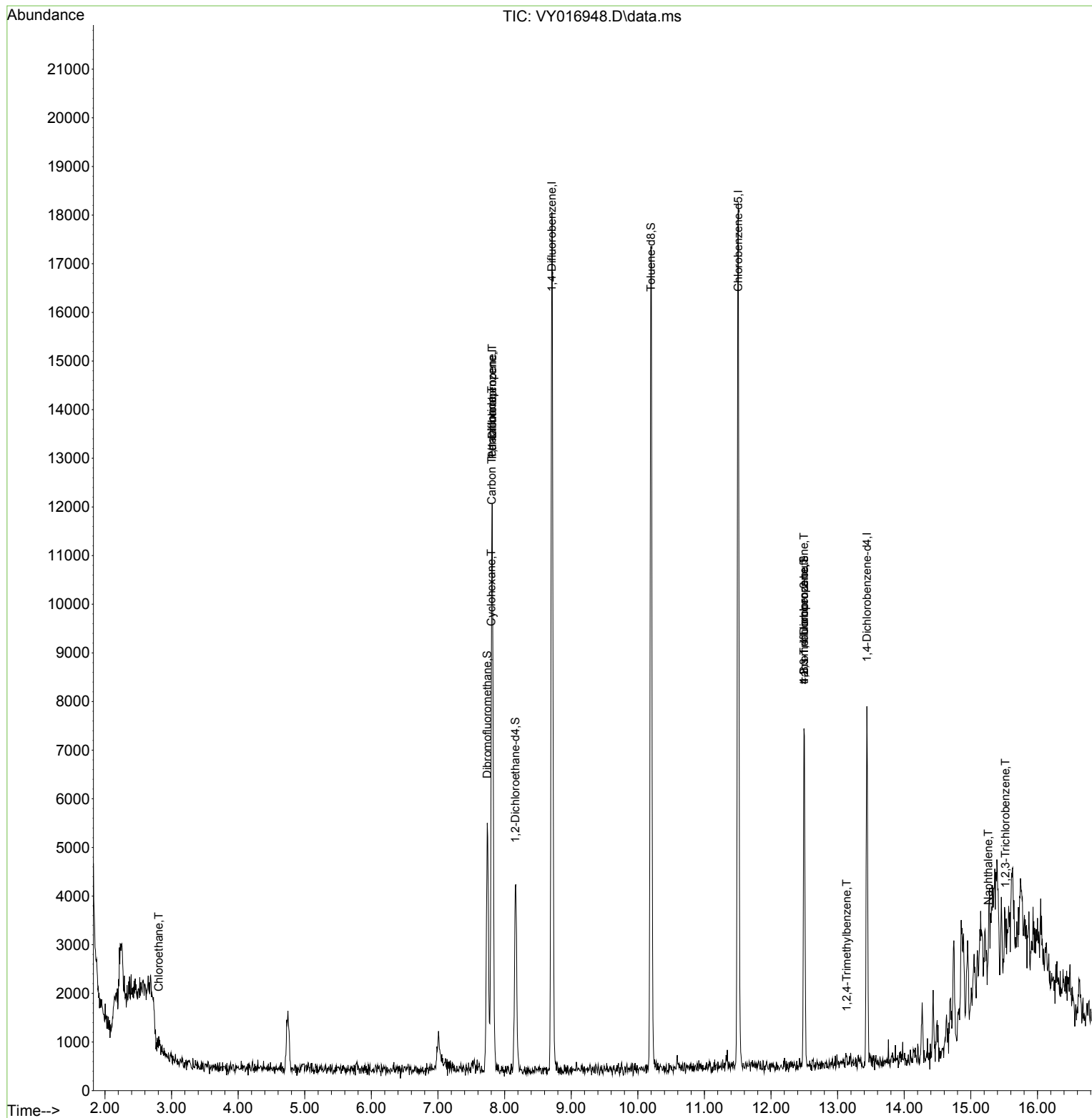
Internal Standards						
1) Pentafluorobenzene	7.813	168	9088	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	15348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	10662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	2094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	3245	36.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.260%
35) Dibromofluoromethane	7.740	113	3820	39.058	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.120%
50) Toluene-d8	10.197	98	12294	36.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.000%
62) 4-Bromofluorobenzene	12.495	95	2238	19.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.400%
Target Compounds						
					Qvalue	
6) Chloroethane	2.808	64	166	1.949	ug/l #	43
11) Tert butyl alcohol	4.966	59	164	Below Cal	#	75
16) Acetone	3.973	43	52	Below Cal	#	41
20) Methylene Chloride	4.747	84	485	Below Cal	#	87
31) Cyclohexane	7.801	56	156	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	827	5.802	ug/l #	42
38) Carbon Tetrachloride	7.807	117	955	6.595	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	1218	53.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	1218	121.713	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.136	105	154	1.156	ug/l #	56
95) Naphthalene	15.263	128	100	2.442	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.519	180	62	2.304	ug/l #	13

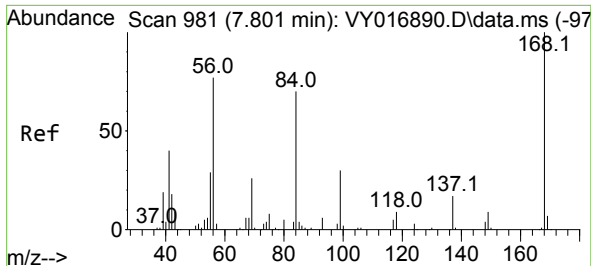
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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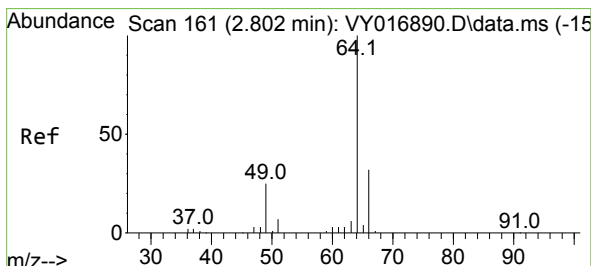
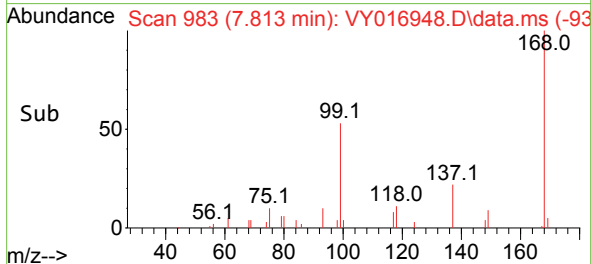
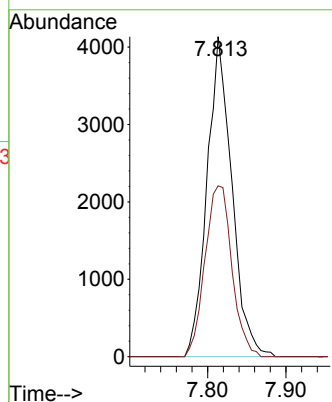
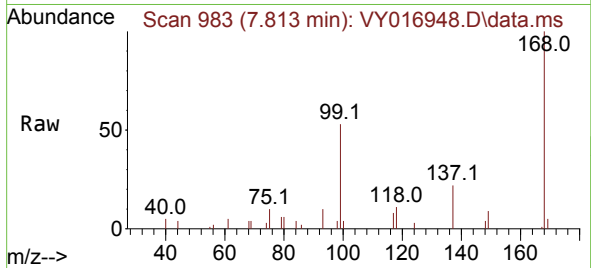




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

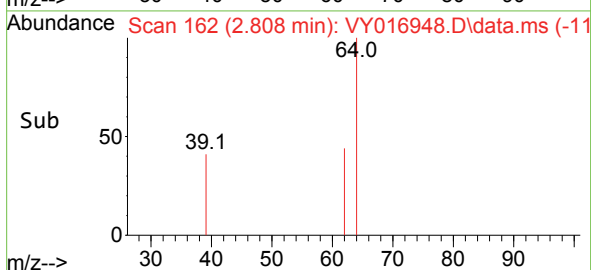
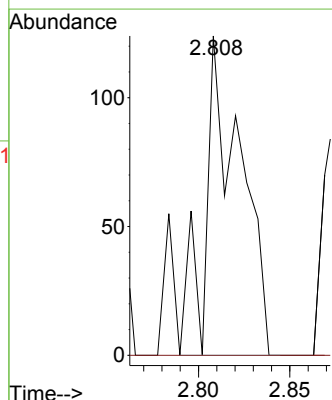
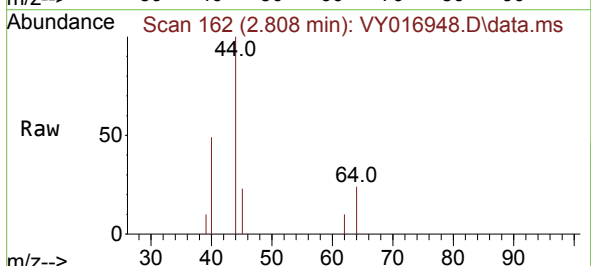
Instrument :
MSVOA_Y
ClientSampleId :

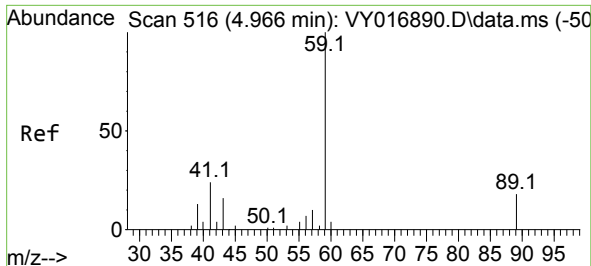
Tgt Ion:168 Resp: 9088
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#6
Chloroethane
Concen: 1.949 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

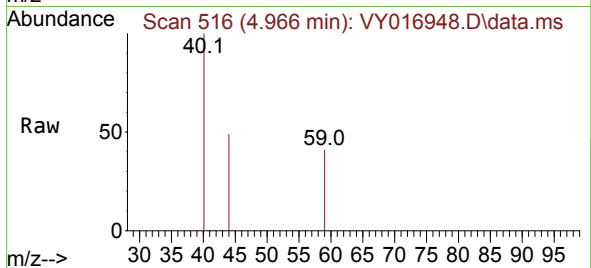
Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

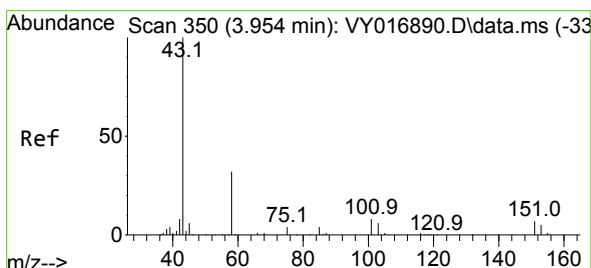
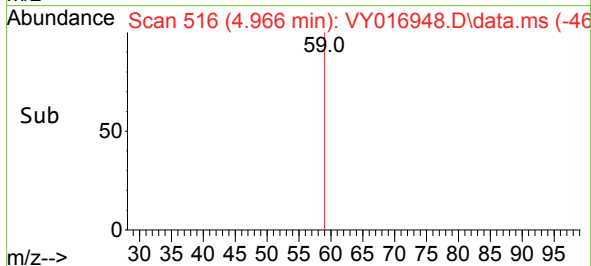
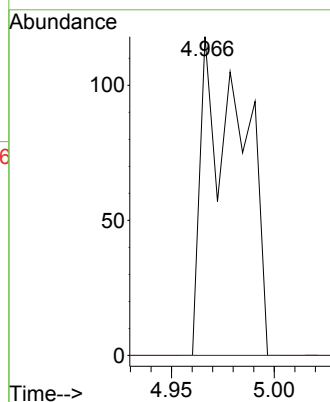


Tgt Ion: 59 Resp: 164

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#16

Acetone

Concen: Below Cal

RT: 3.973 min Scan# 353

Delta R.T. 0.013 min

Lab File: VY016948.D

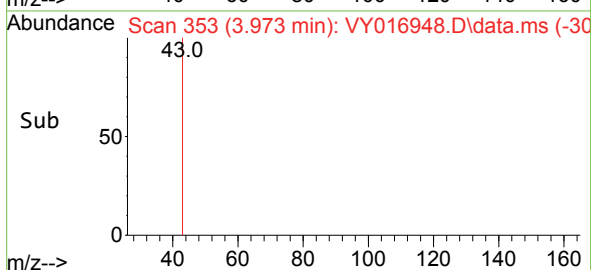
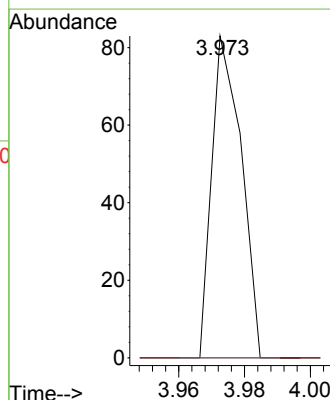
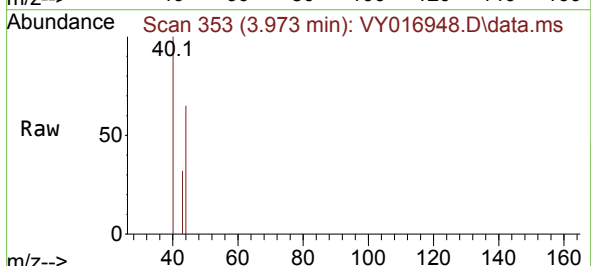
Acq: 09 Jan 2024 15:01

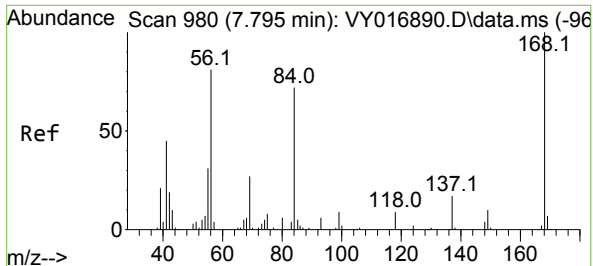
Tgt Ion: 43 Resp: 52

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#

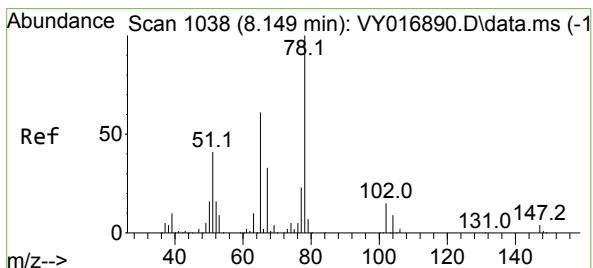
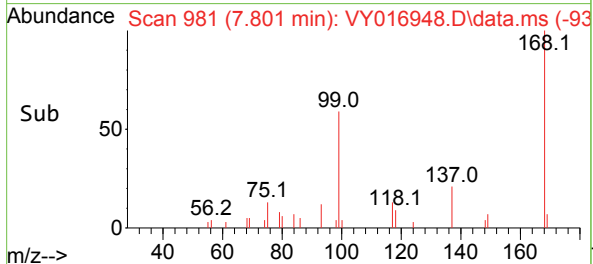
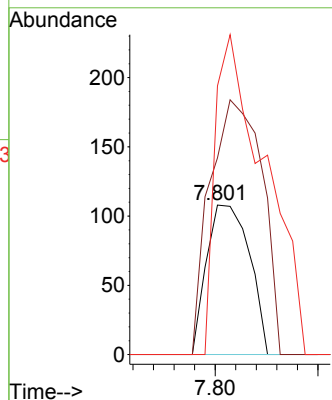
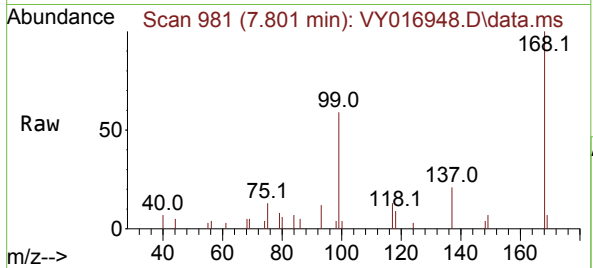




#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

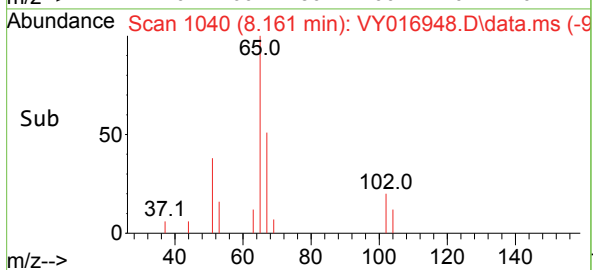
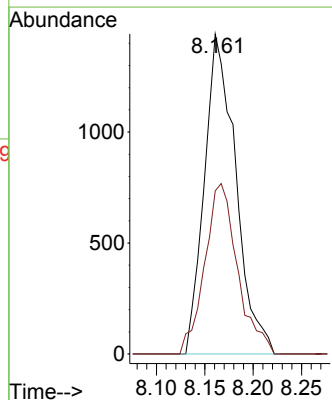
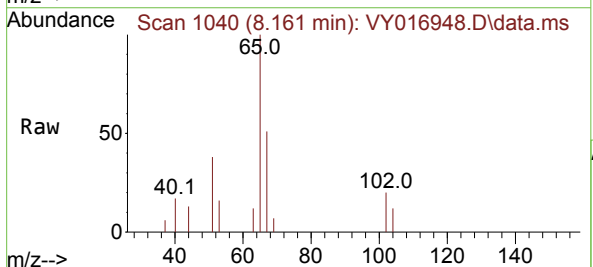
Instrument :
MSVOA_Y
ClientSampleId :

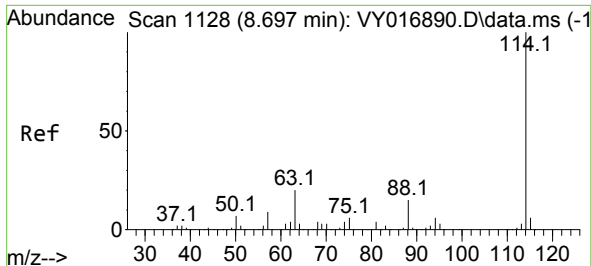
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
69 131.5 27.0 40.6#
84 179.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 36.127 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Tgt Ion: 65 Resp: 3245
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

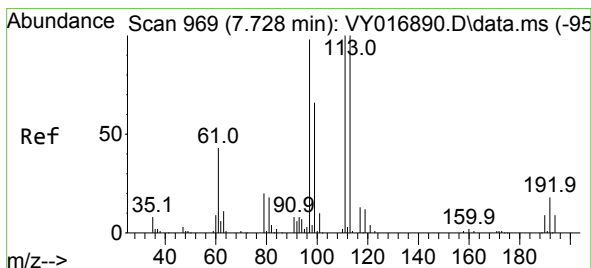
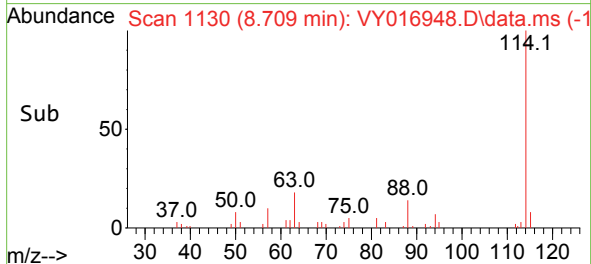
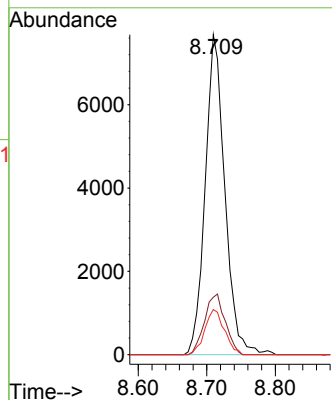
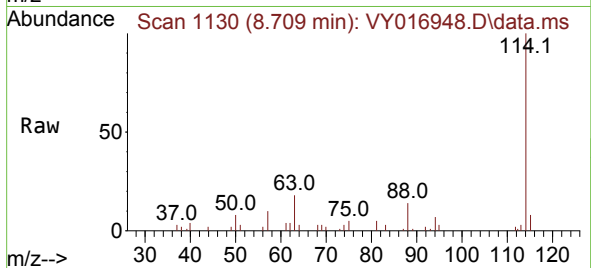
Tgt Ion:114 Resp: 15348

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.058 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

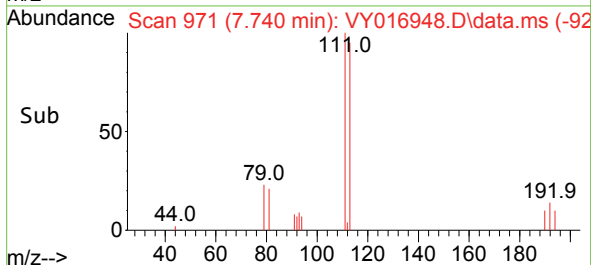
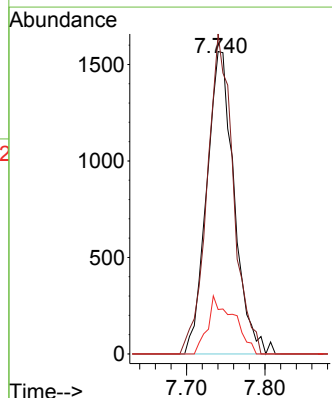
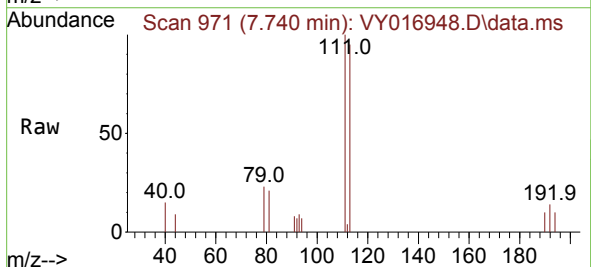
Tgt Ion:113 Resp: 3820

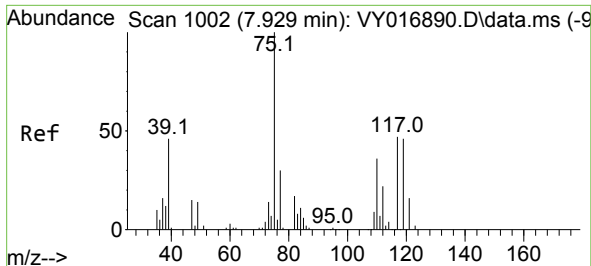
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

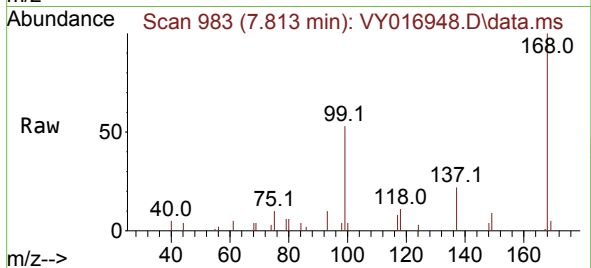
192 18.1 14.5 21.7



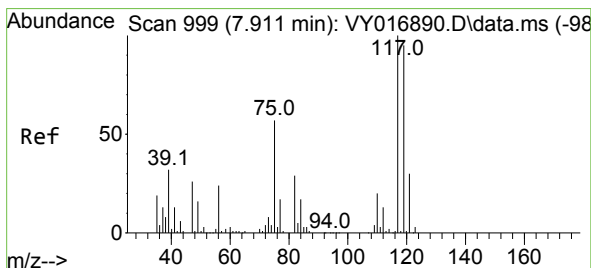
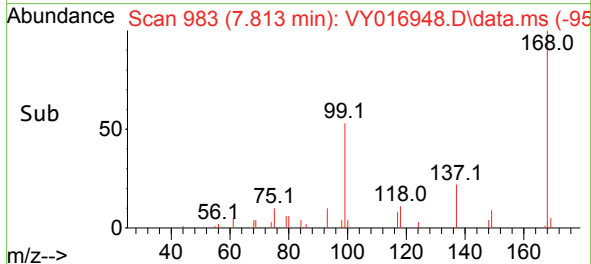
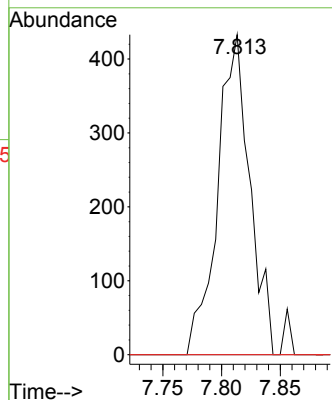


#36
 1,1-Dichloropropene
 Concen: 5.802 ug/l
 RT: 7.813 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY016948.D
 Acq: 09 Jan 2024 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

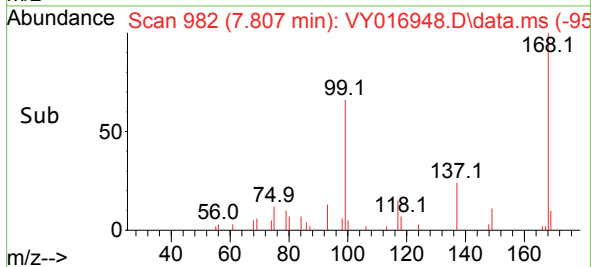
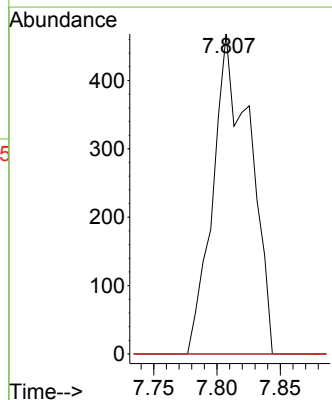
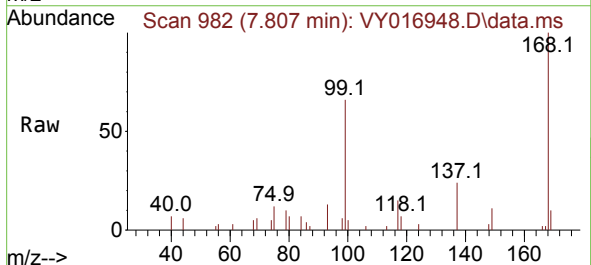


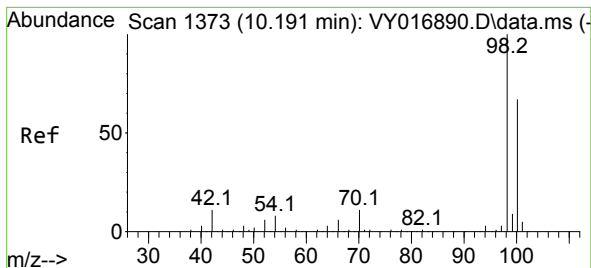
Tgt Ion: 75 Resp: 827
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.595 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY016948.D
 Acq: 09 Jan 2024 15:01

Tgt Ion: 117 Resp: 955
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 36.504 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

Instrument :

MSVOA_Y

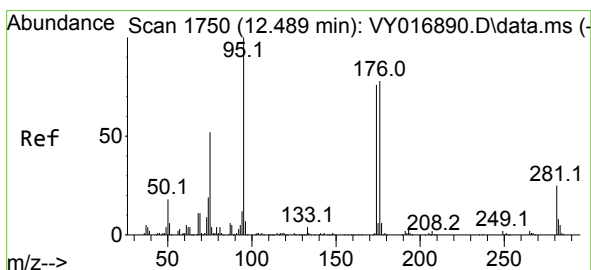
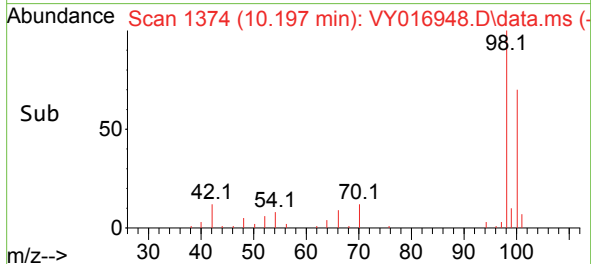
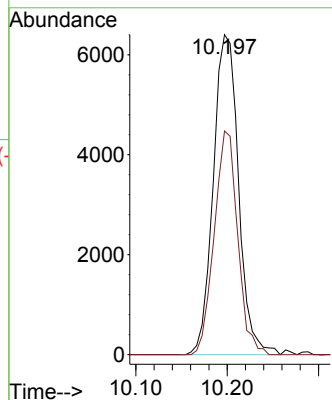
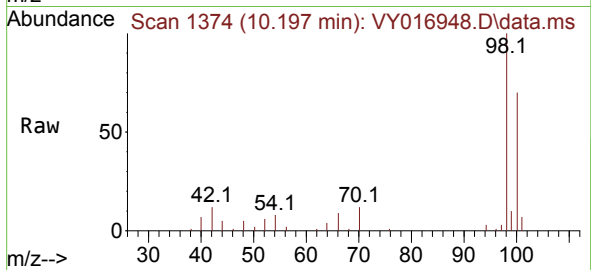
ClientSampleId :

Tgt Ion: 98 Resp: 12294

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 19.696 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

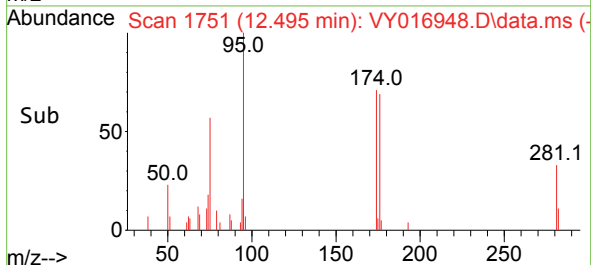
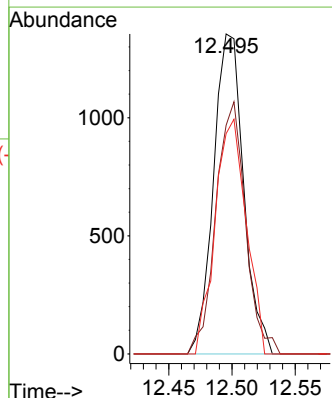
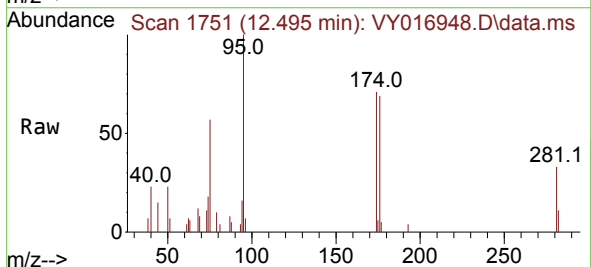
Tgt Ion: 95 Resp: 2238

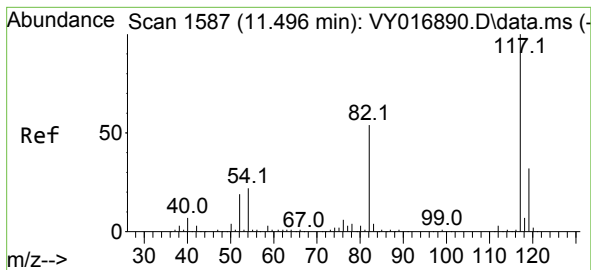
Ion Ratio Lower Upper

95 100

174 77.7 0.0 160.0

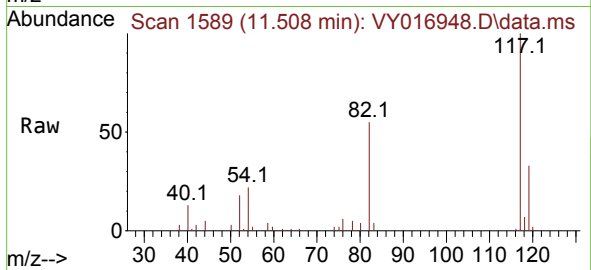
176 76.0 0.0 151.8



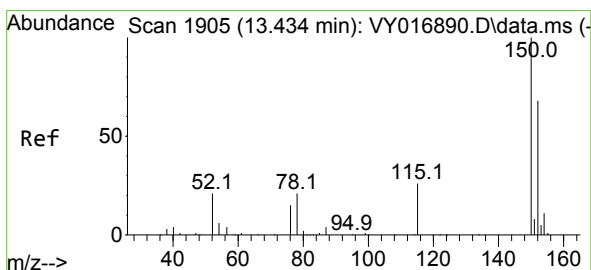
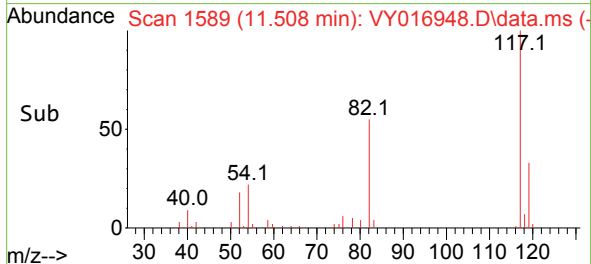
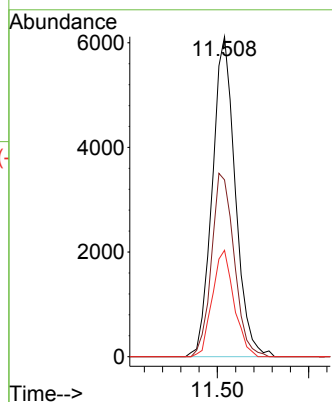


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

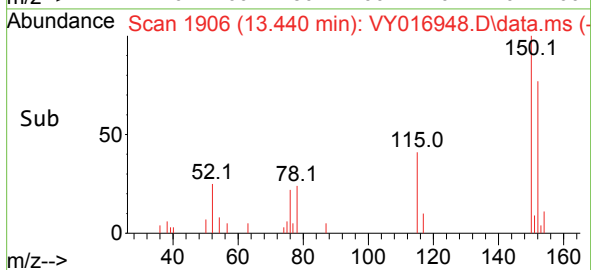
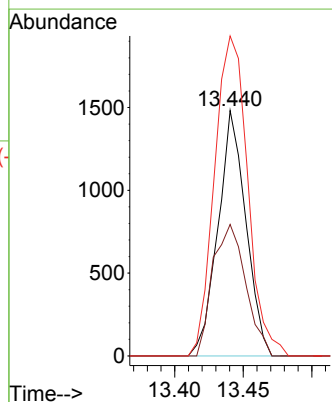
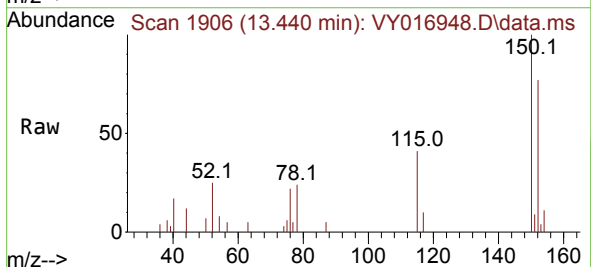


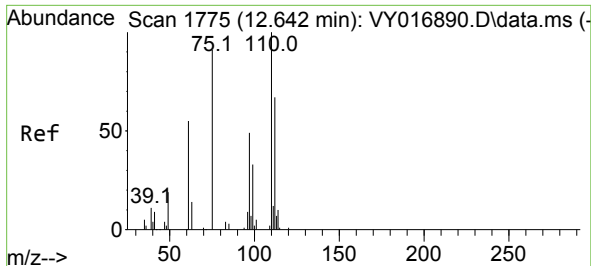
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.8
119	33.3	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	30.0	90.0
150	155.3	0.0	344.6

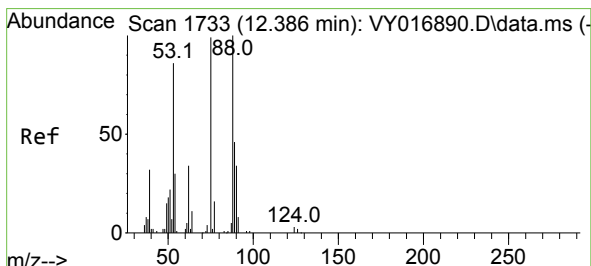
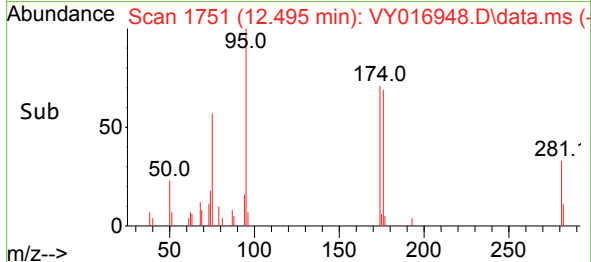
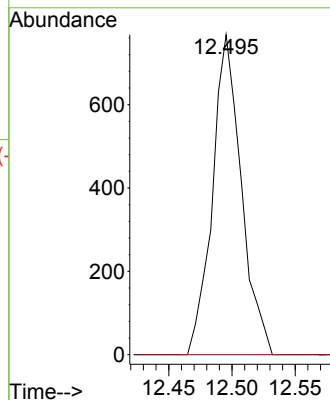
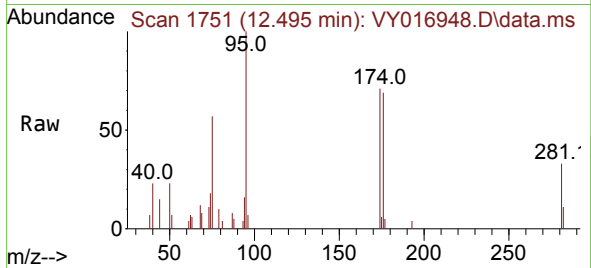




#76
1,2,3-Trichloropropane
Concen: 53.600 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

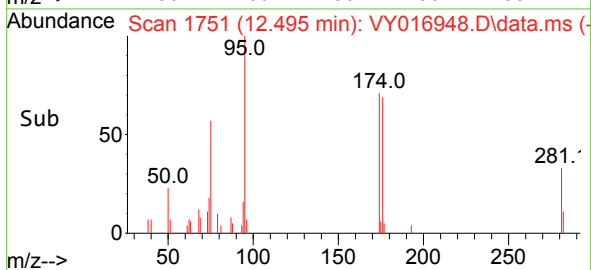
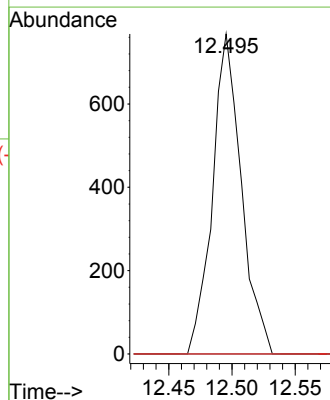
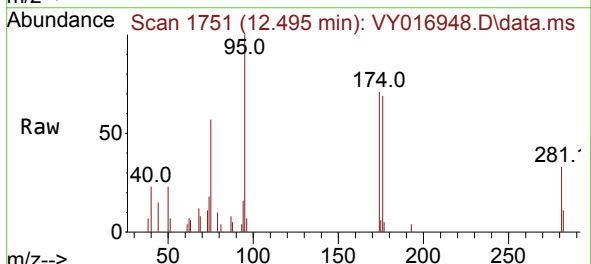
Instrument :
MSVOA_Y
ClientSampleId :

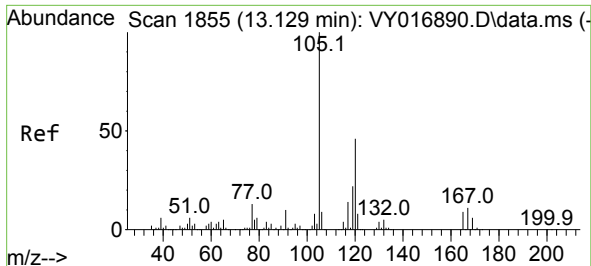
Tgt Ion: 75 Resp: 1218
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 121.713 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

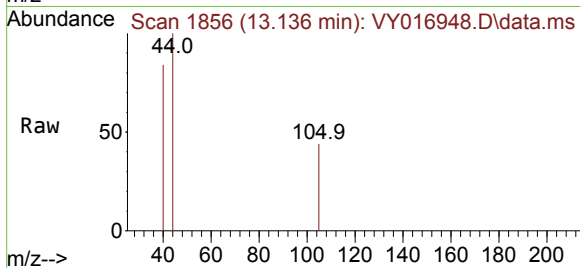
Tgt Ion: 75 Resp: 1218
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



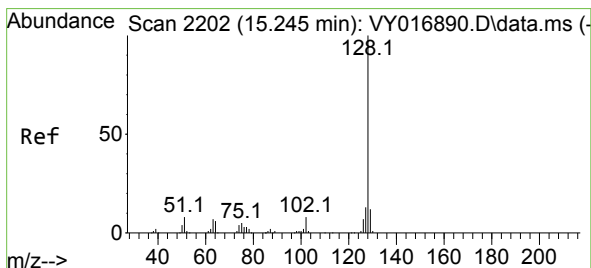
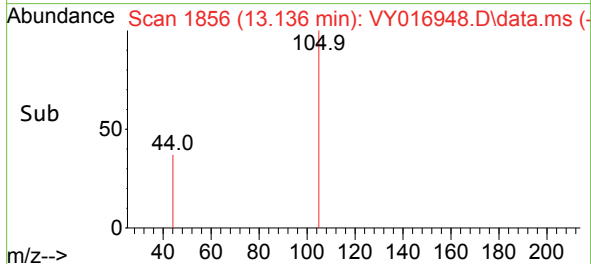
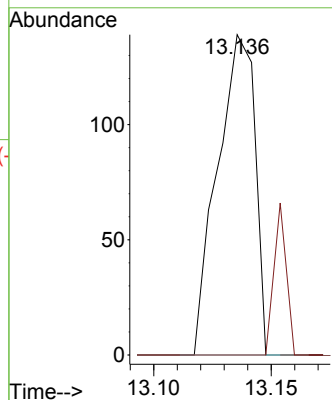


#84
1,2,4-Trimethylbenzene
Concen: 1.156 ug/l
RT: 13.136 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

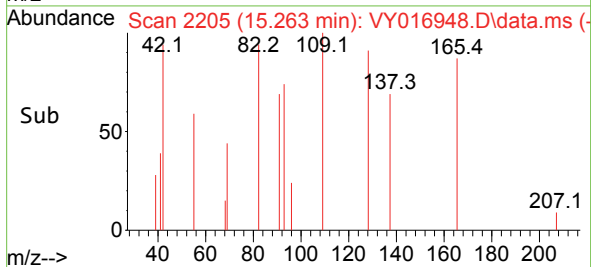
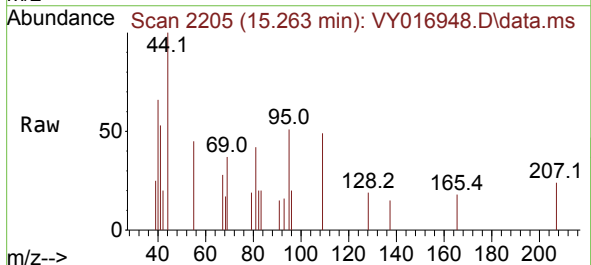
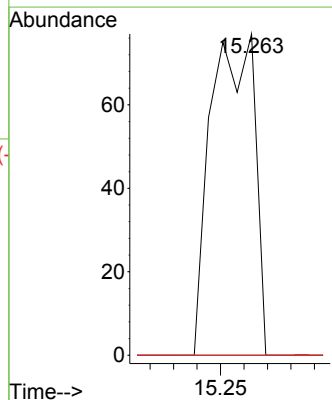


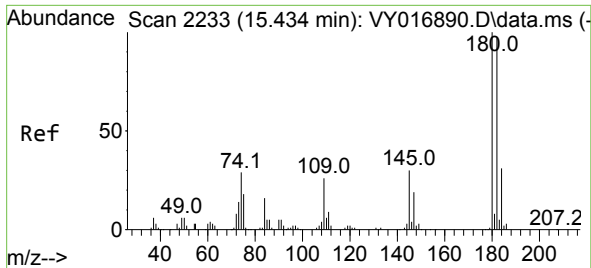
Tgt Ion:105 Resp: 154
Ion Ratio Lower Upper
105 100
120 15.6 22.1 66.3#



#95
Naphthalene
Concen: 2.442 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.018 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

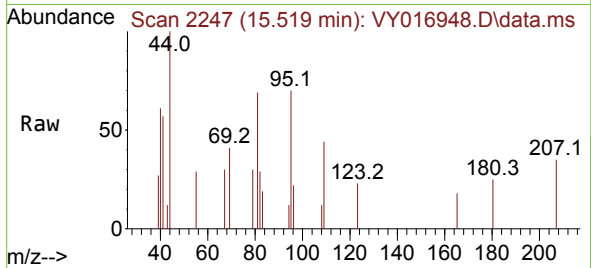
Tgt Ion:128 Resp: 100
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.304 ug/l
 RT: 15.519 min Scan# 21
 Delta R.T. 0.085 min
 Lab File: VY016948.D
 Acq: 09 Jan 2024 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.3 138.8#
 145 0.0 16.1 48.2#

