

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016957.D
 Acq On : 09 Jan 2024 18:31
 Operator : SY/MD
 Sample : P1085-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:31:11 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)

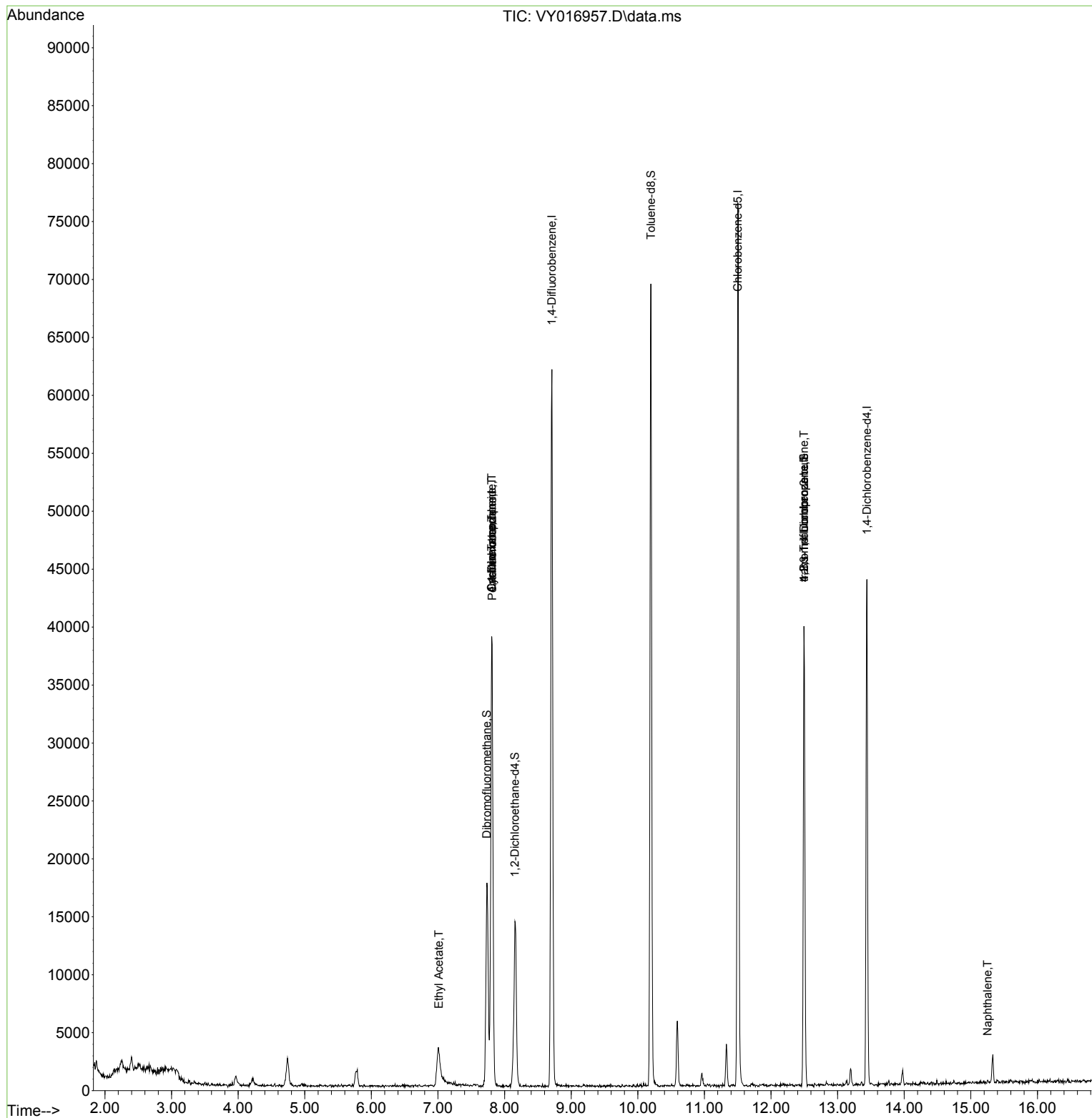
Internal Standards						
1) Pentafluorobenzene	7.813	168	29311	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	53685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	42773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	10993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	11369	39.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.480%
35) Dibromofluoromethane	7.734	113	13343	39.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.000%
50) Toluene-d8	10.197	98	46094	39.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.260%
62) 4-Bromofluorobenzene	12.495	95	9901	24.911	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	163	Below Cal	#	75
16) Acetone	3.966	43	1535	Below Cal		95
20) Methylene Chloride	4.740	84	1712	Below Cal		92
25) 2-Butanone	7.014	43	393	Below Cal	#	48
31) Cyclohexane	7.807	56	769	1.547	ug/l #	16
36) 1,1-Dichloropropene	7.807	75	2751	5.518	ug/l #	47
37) Ethyl Acetate	7.014	43	393	1.735	ug/l #	84
38) Carbon Tetrachloride	7.807	117	3179	6.276	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	5391	45.191	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	5391	102.617	ug/l #	12
95) Naphthalene	15.251	128	145	1.053	ug/l #	69

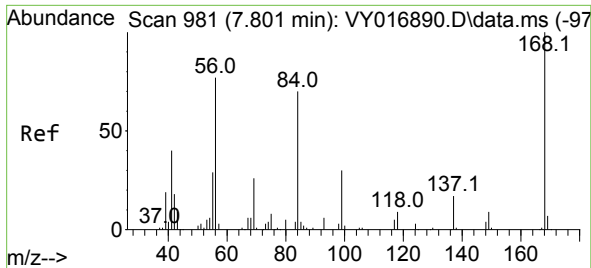
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
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Quant Time: Jan 10 02:31:11 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

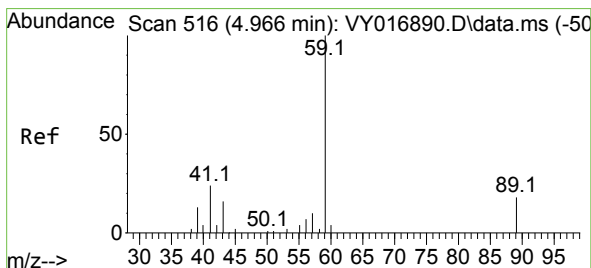
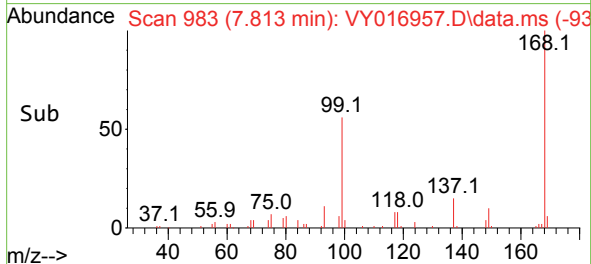
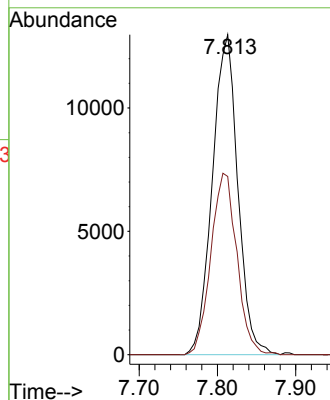
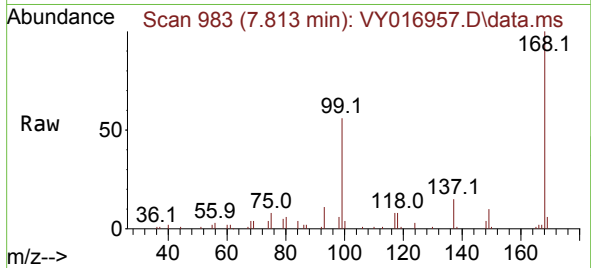




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

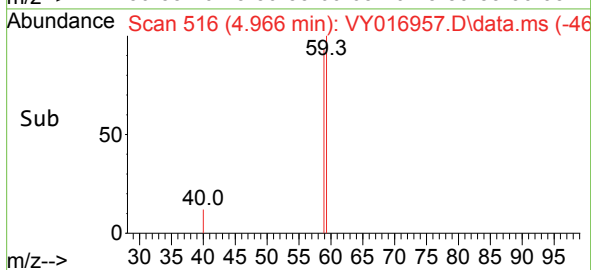
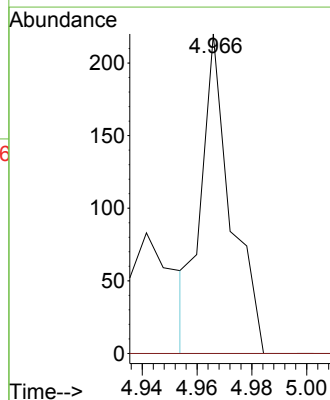
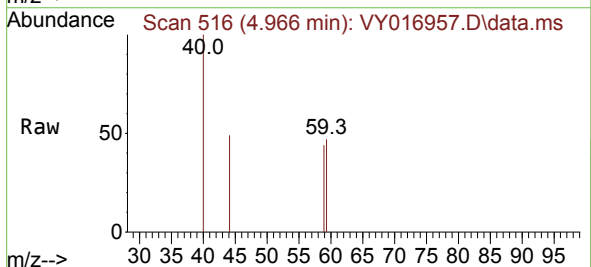
Instrument :
MSVOA_Y
ClientSampleId :

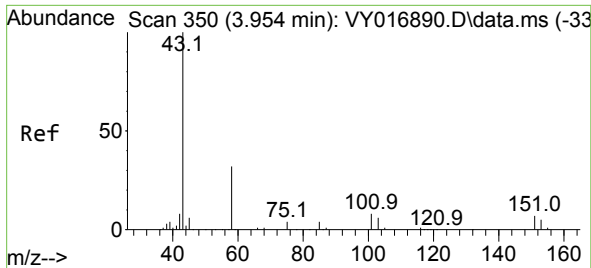
Tgt Ion:168 Resp: 29311
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

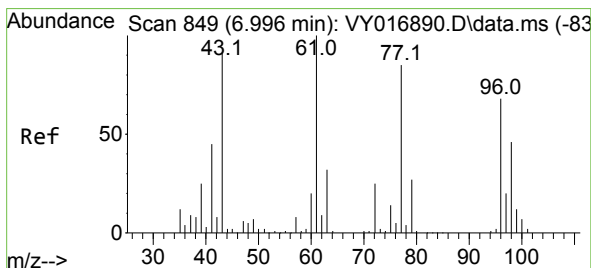
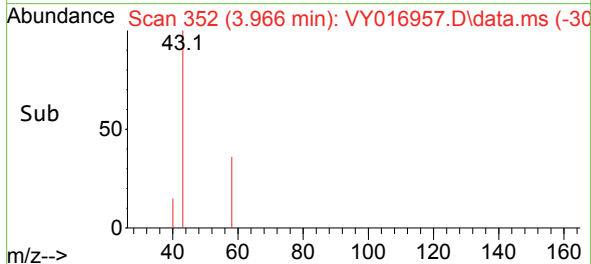
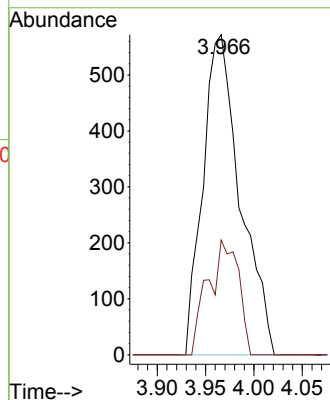
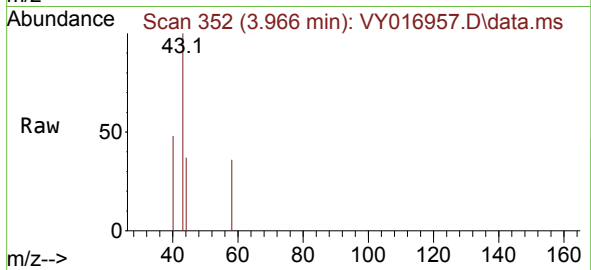




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

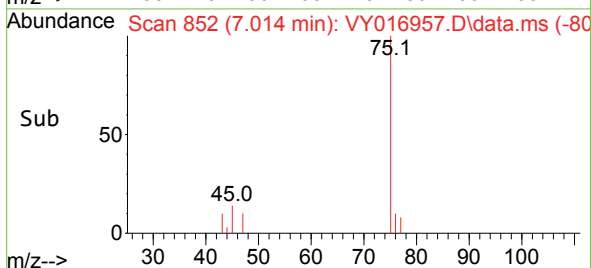
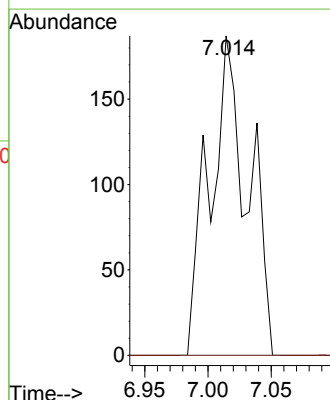
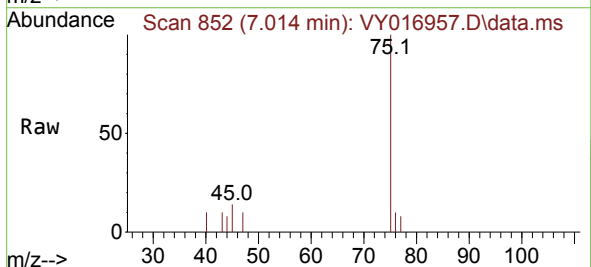
Instrument :
MSVOA_Y
ClientSampleId :

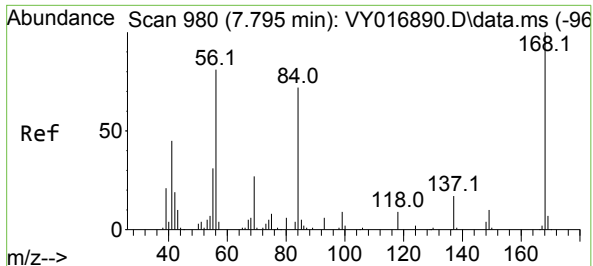
Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
58 35.8 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.014 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

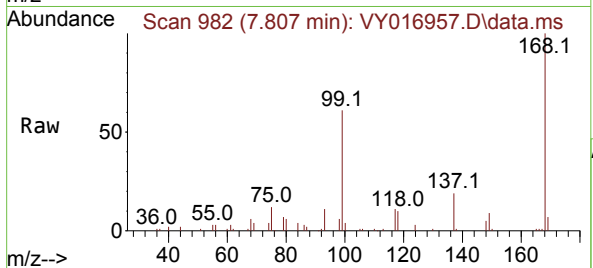
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



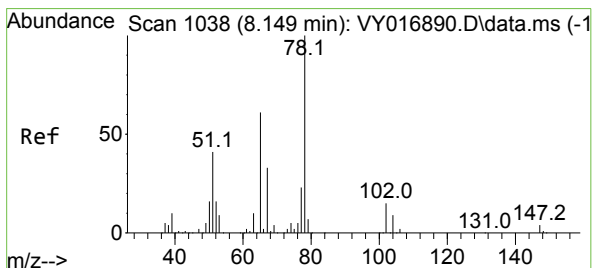
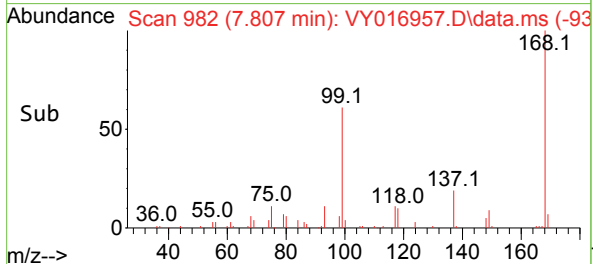
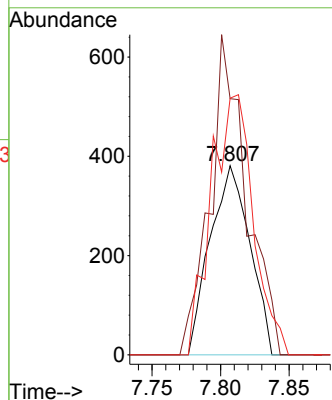


#31
Cyclohexane
Concen: 1.547 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :

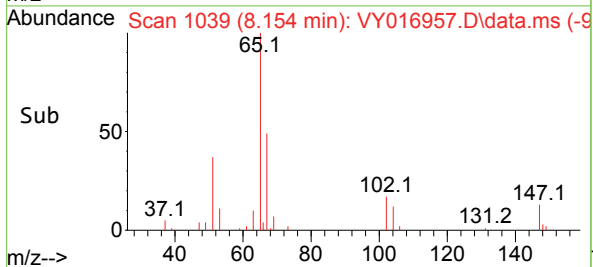
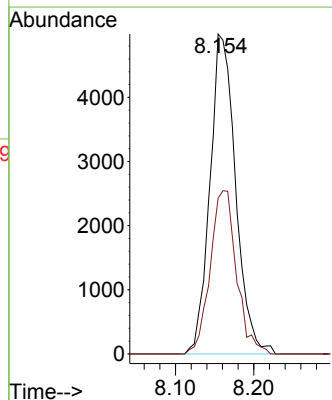
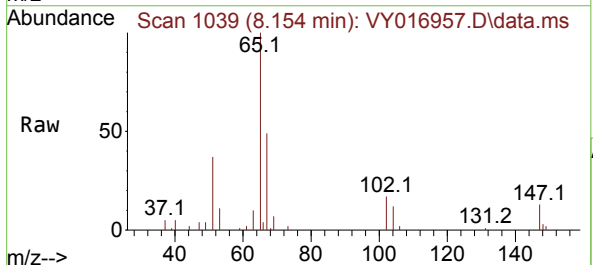


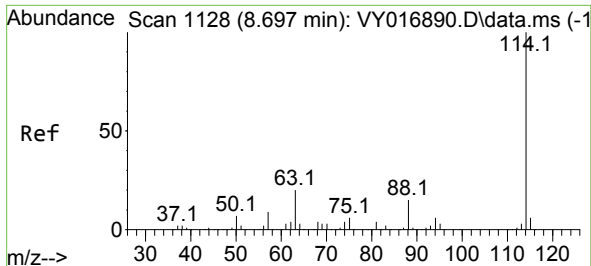
Tgt Ion: 56 Resp: 769
Ion Ratio Lower Upper
56 100
69 135.4 27.0 40.6#
84 135.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 39.244 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion: 65 Resp: 11369
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0

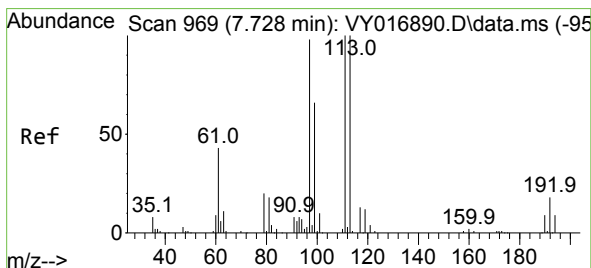
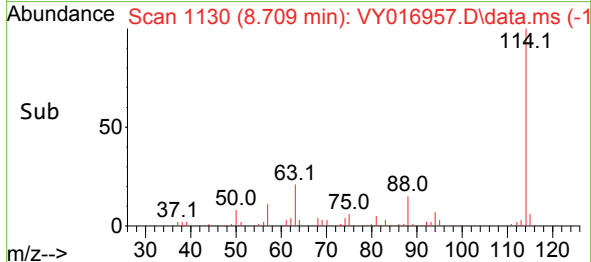
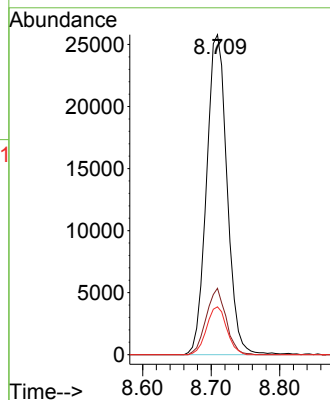
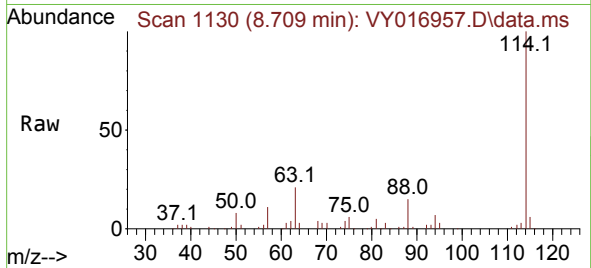




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

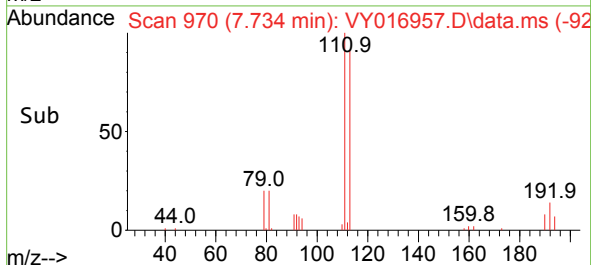
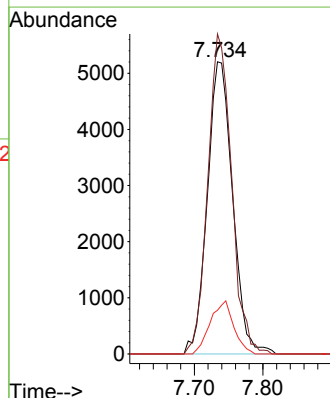
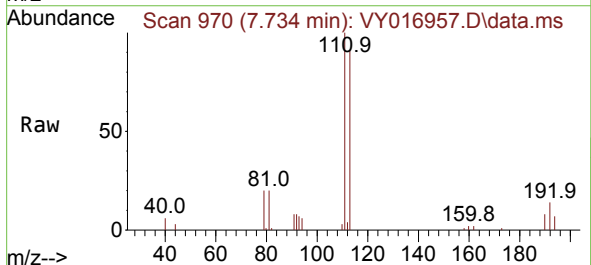
Instrument :
MSVOA_Y
ClientSampleId :

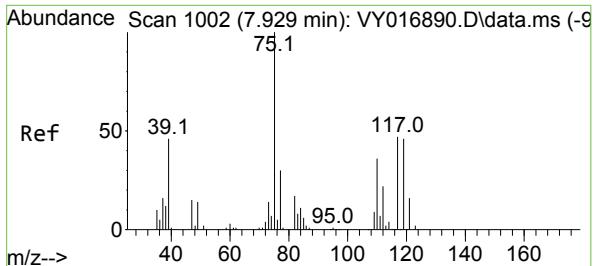
Tgt Ion:114 Resp: 53685
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 39.003 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion:113 Resp: 13343
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 16.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.518 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.122 min

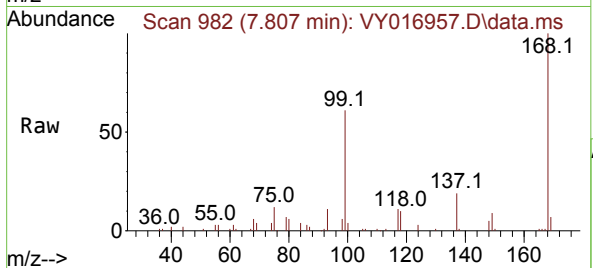
Lab File: VY016957.D

Acq: 09 Jan 2024 18:31

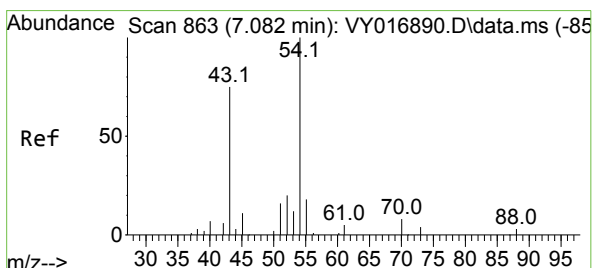
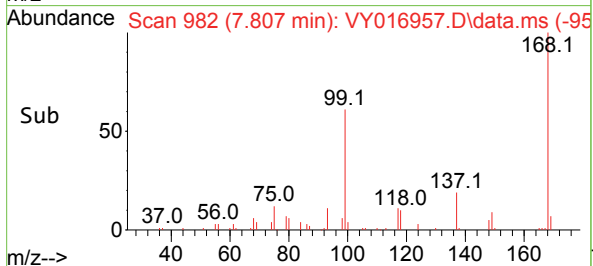
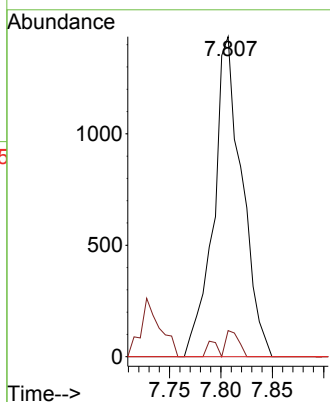
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 2751
Ion Ratio	Lower Upper
75	100
110	5.5 17.4 52.3#
77	0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.735 ug/l

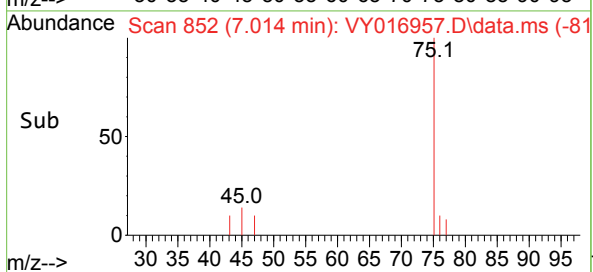
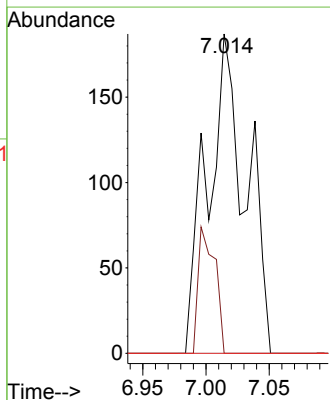
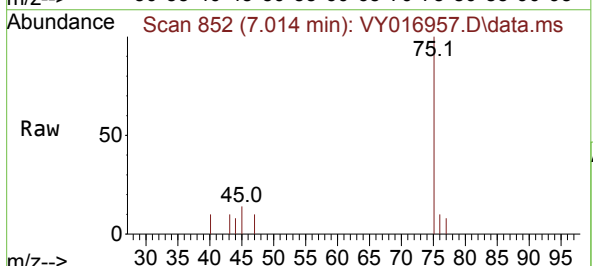
RT: 7.014 min Scan# 852

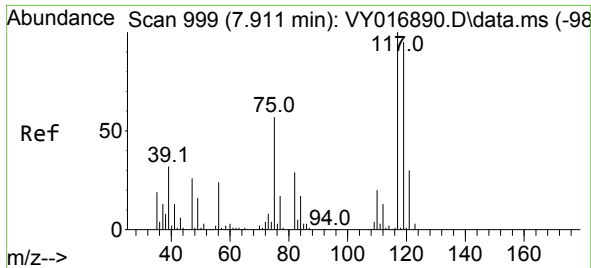
Delta R.T. -0.074 min

Lab File: VY016957.D

Acq: 09 Jan 2024 18:31

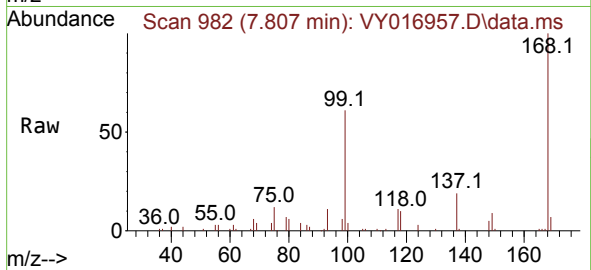
Tgt Ion: 43	Resp: 393
Ion Ratio	Lower Upper
43	100
61	17.3 11.0 16.6#
70	0.0 8.1 12.1#



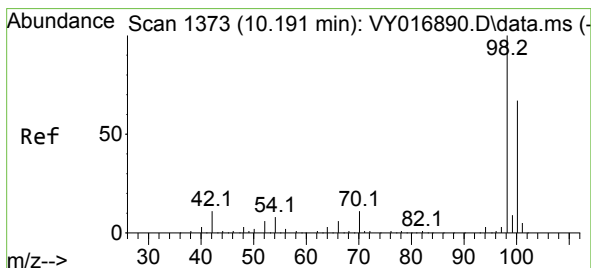
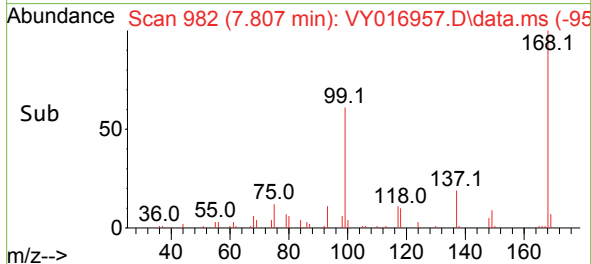
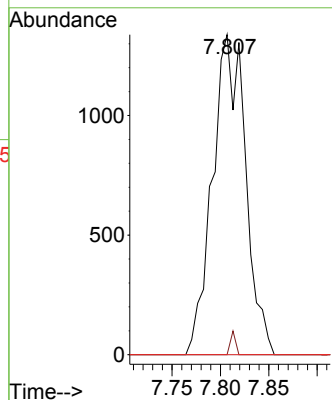


#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :

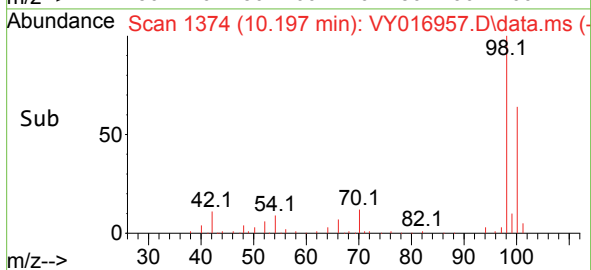
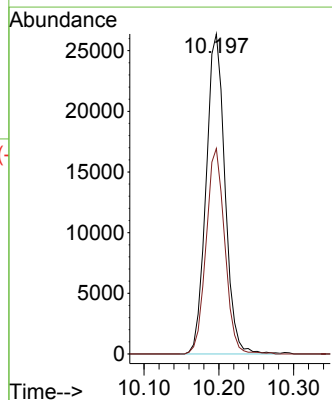
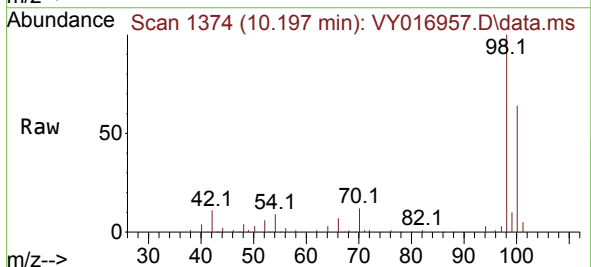


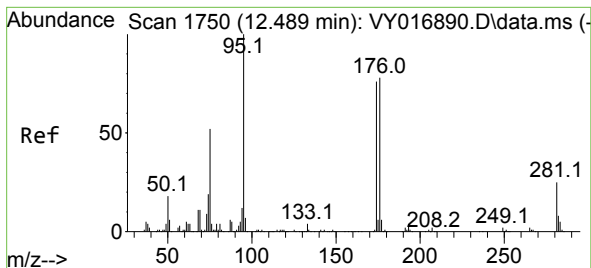
Tgt Ion:117 Resp: 3179
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.128 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion: 98 Resp: 46094
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

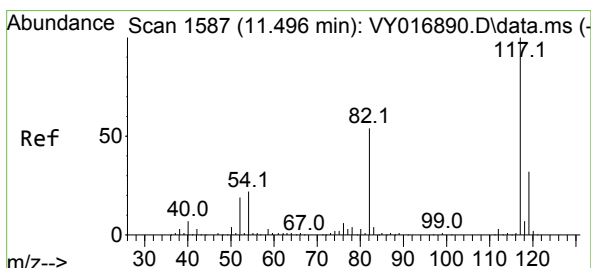
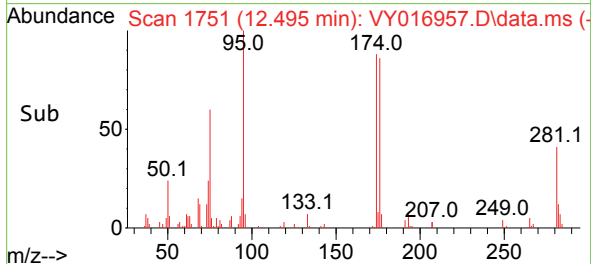
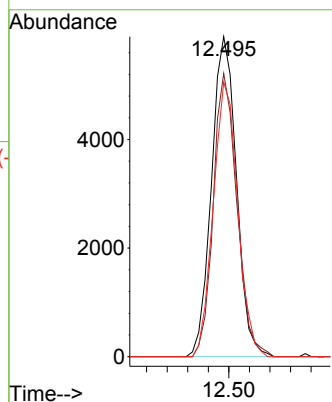
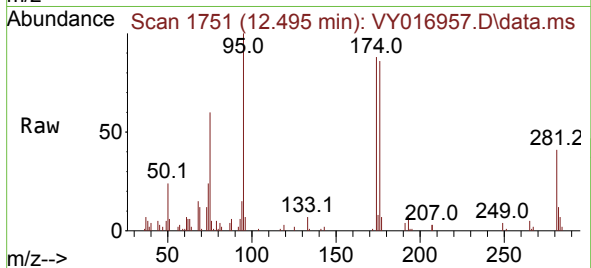




#62
4-Bromofluorobenzene
Concen: 24.911 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

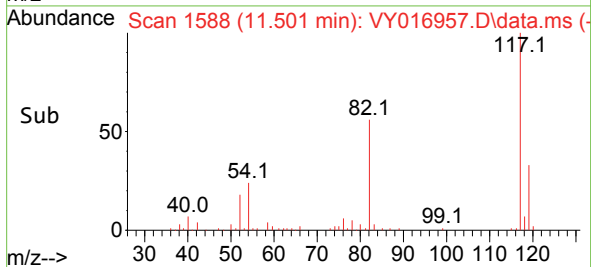
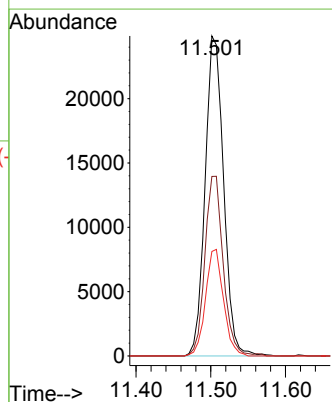
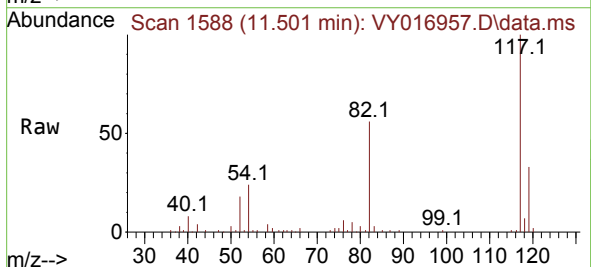
Instrument :
MSVOA_Y
ClientSampleId :

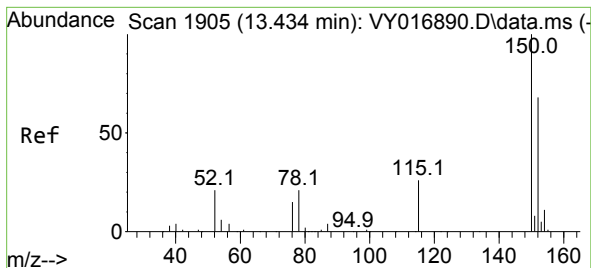
Tgt Ion: 95 Resp: 9901
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.0
176 84.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion: 117 Resp: 42773
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 32.6 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: VY016957.D

Acq: 09 Jan 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

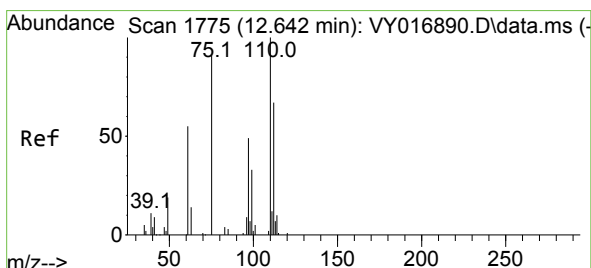
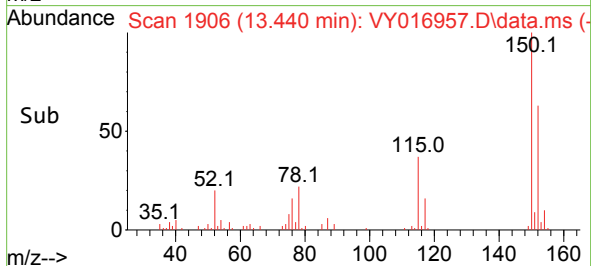
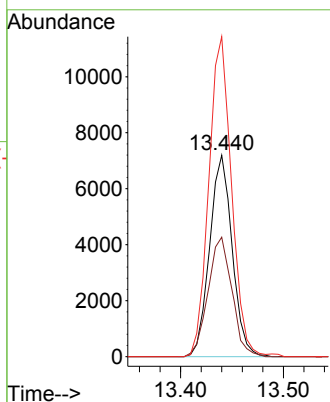
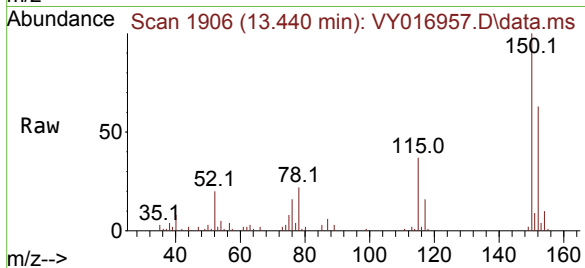
Tgt Ion:152 Resp: 10993

Ion Ratio Lower Upper

152 100

115 62.7 30.0 90.0

150 159.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 45.191 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016957.D

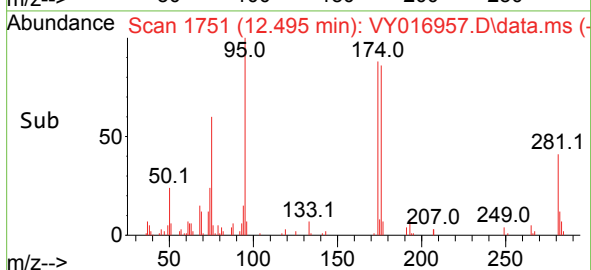
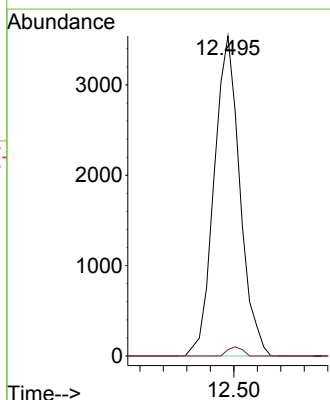
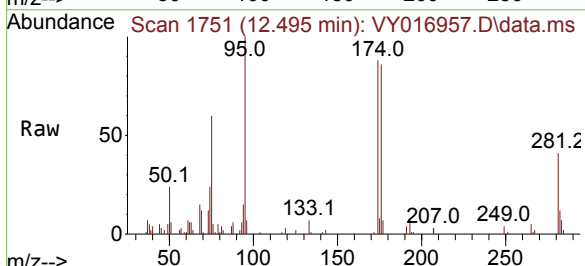
Acq: 09 Jan 2024 18:31

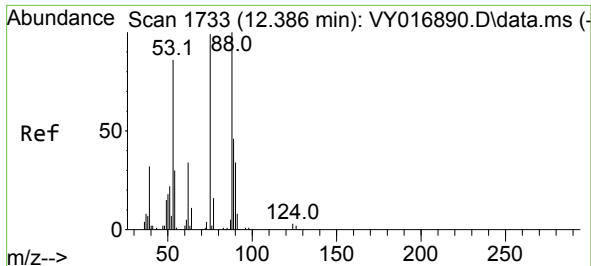
Tgt Ion: 75 Resp: 5391

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#

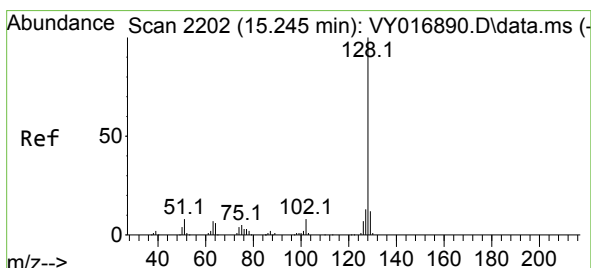
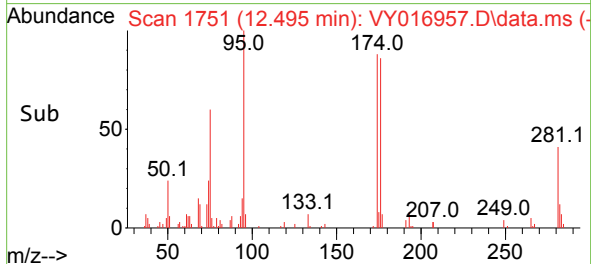
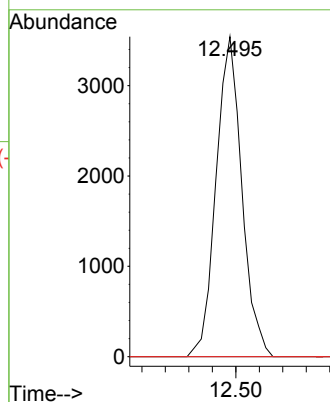
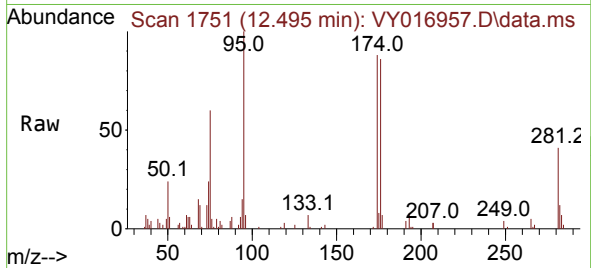




#81
trans-1,4-Dichloro-2-butene
Concen: 102.617 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5391
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 1.053 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion:128 Resp: 145
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

