

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016967.D
 Acq On : 10 Jan 2024 12:53
 Operator : SY/MD
 Sample : P1085-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:11:11 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	7.801	168	107512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	225631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	79444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	51111	48.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.728	113	54809	38.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.240%
50) Toluene-d8	10.191	98	200784	40.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.100%
62) 4-Bromofluorobenzene	12.495	95	62466	37.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.780%

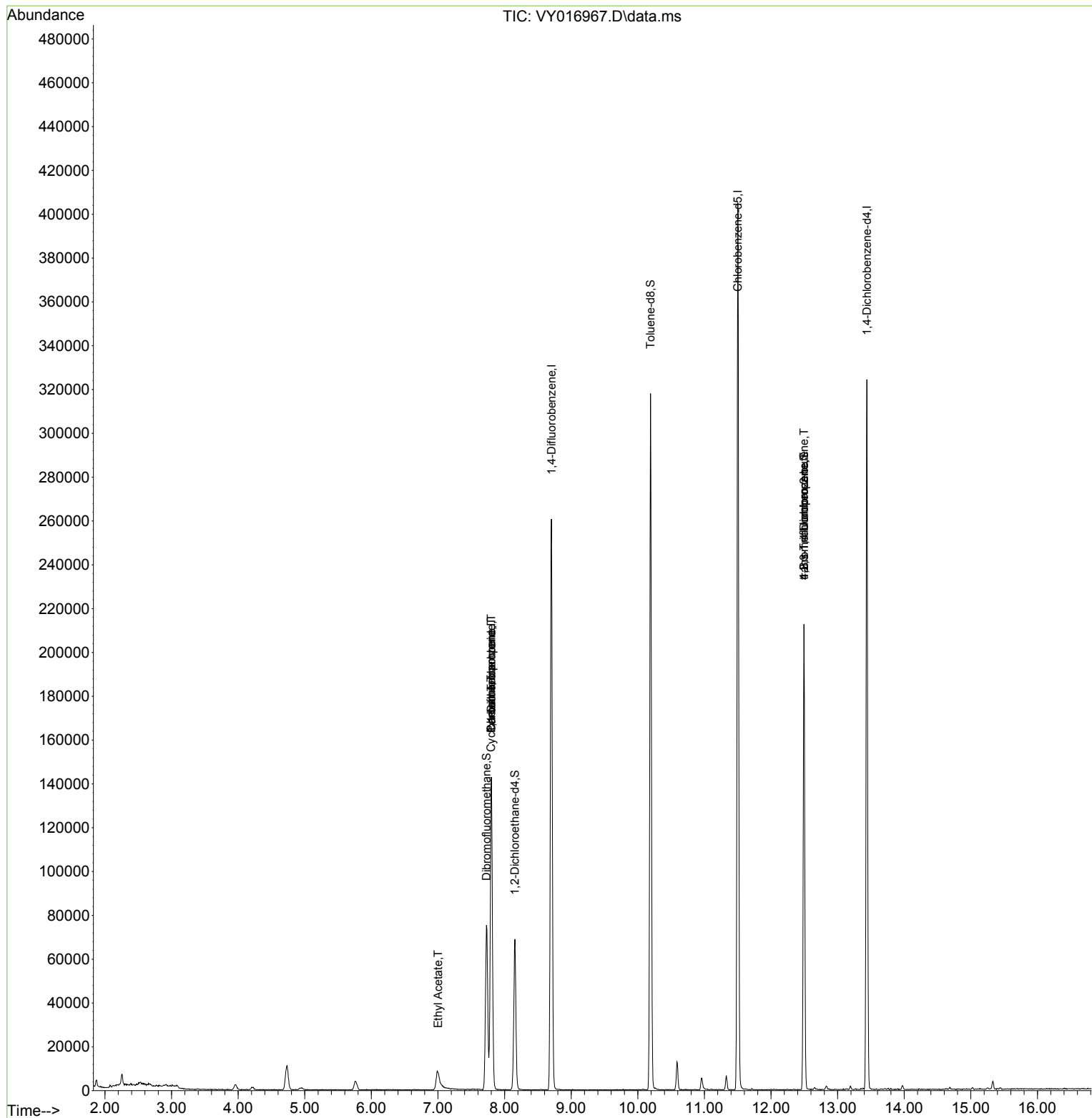
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	1337	Below Cal	#	75
16) Acetone	3.960	43	4274	Below Cal		94
20) Methylene Chloride	4.735	84	8423	Below Cal		99
25) 2-Butanone	7.003	43	1023	Below Cal	#	86
31) Cyclohexane	7.795	56	2597	1.424	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9705	4.632	ug/l #	48
37) Ethyl Acetate	7.003	43	1023	1.074	ug/l #	58
38) Carbon Tetrachloride	7.801	117	11154	5.239	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	33175	38.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	33175	87.381	ug/l #	12

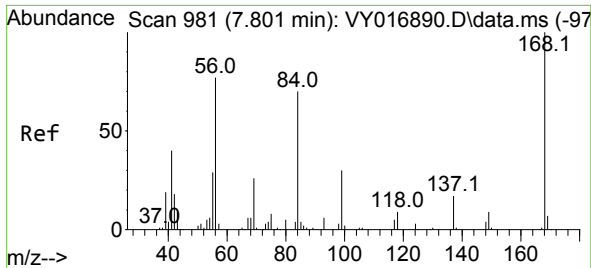
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
Data File : VY016967.D
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Operator : SY/MD
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 00:11:11 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

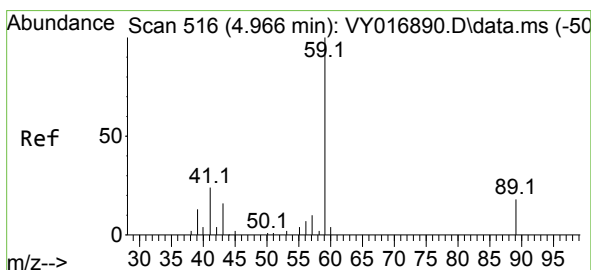
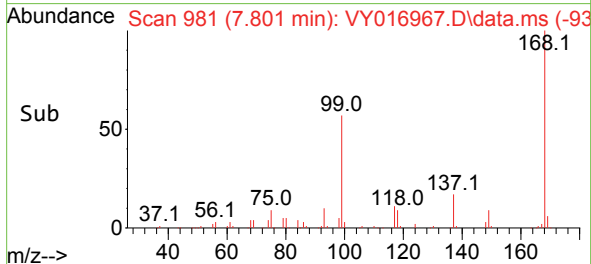
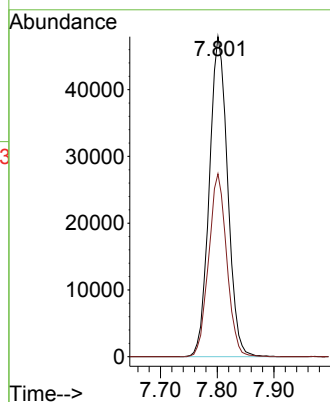
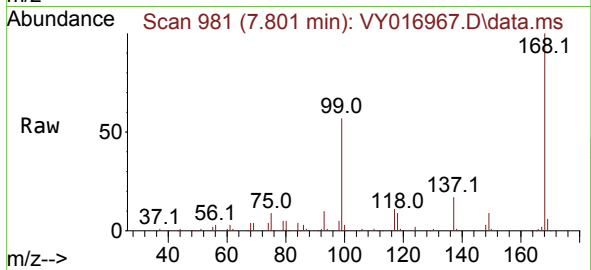




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

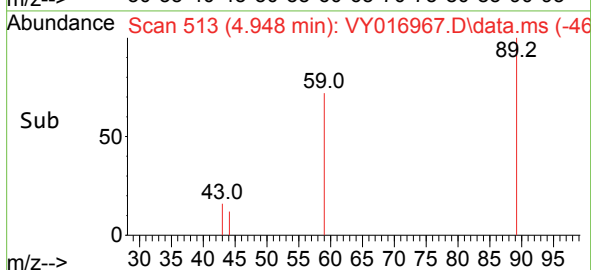
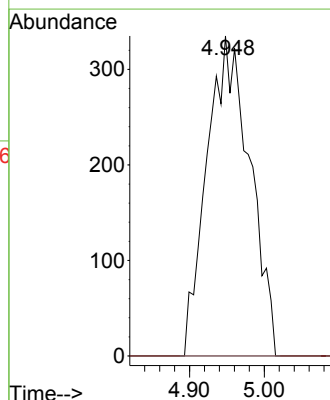
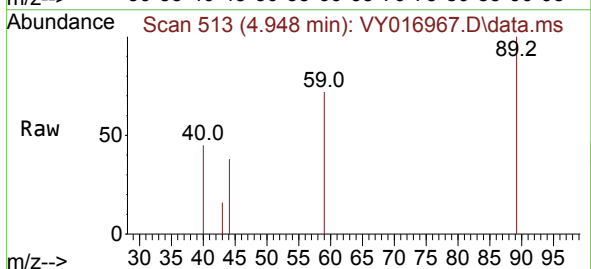
Instrument :
MSVOA_Y
ClientSampleId :

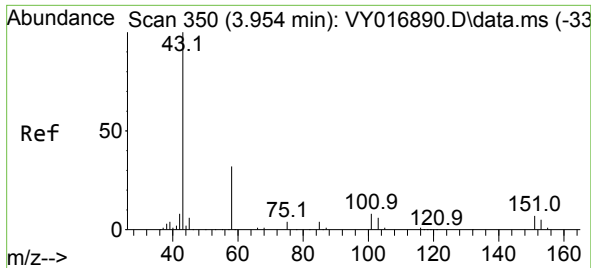
Tgt Ion:168 Resp: 107512
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion: 59 Resp: 1337
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

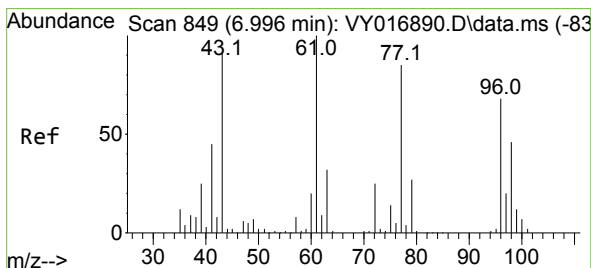
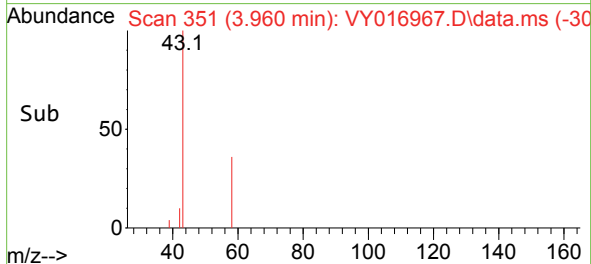
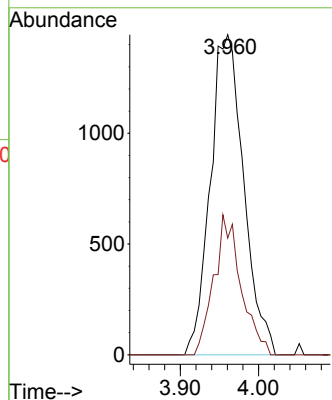
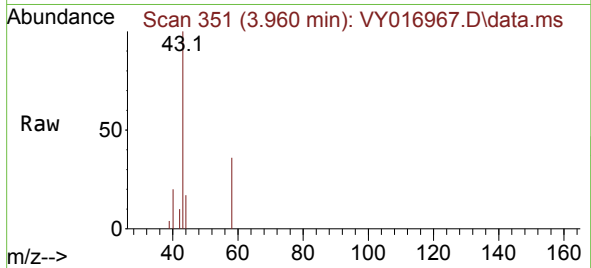




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

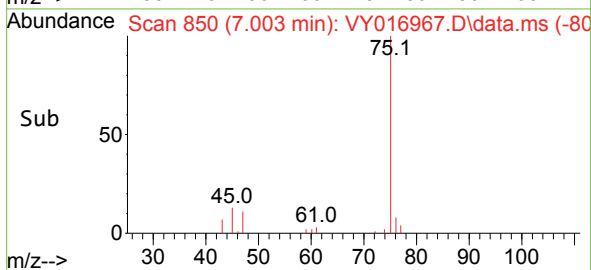
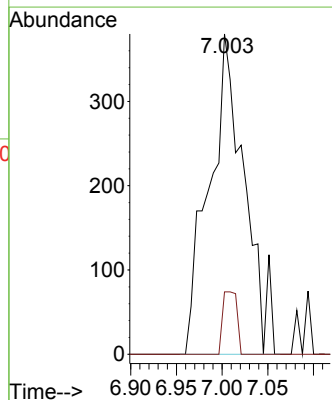
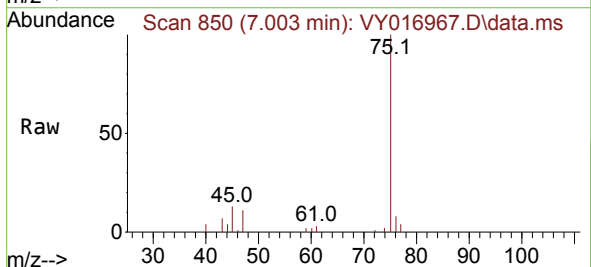
Instrument :
MSVOA_Y
ClientSampleId :

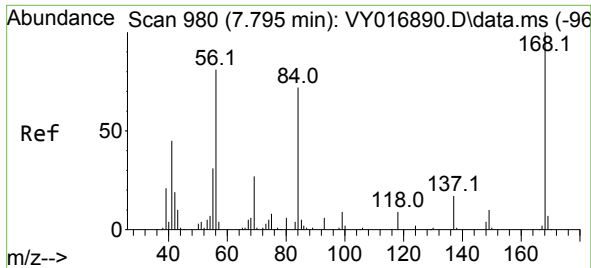
Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
58 36.5 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

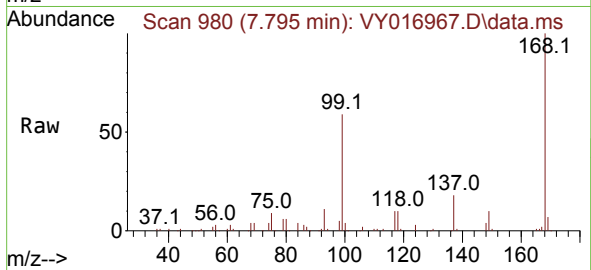
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
72 19.5 21.4 32.2#



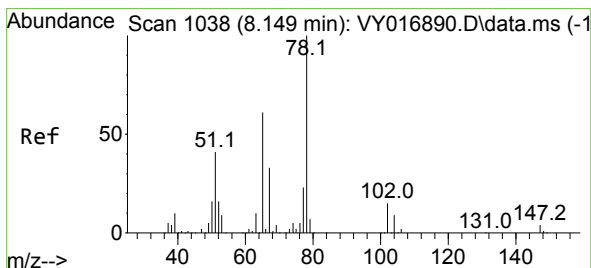
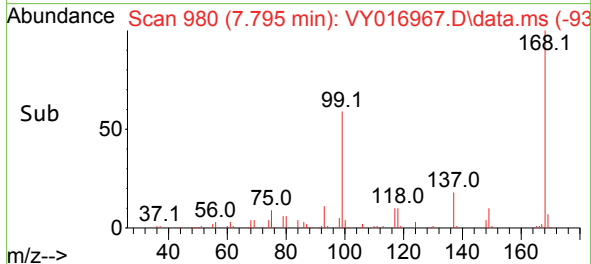
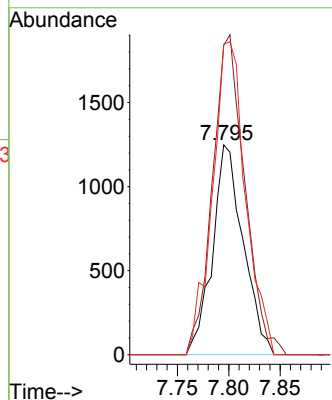


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :

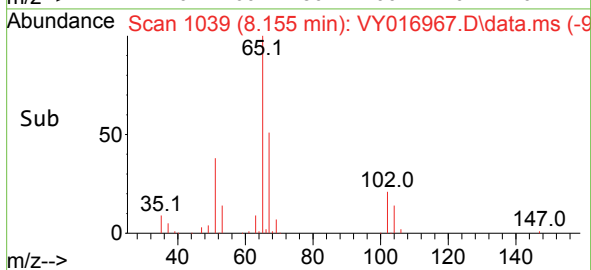
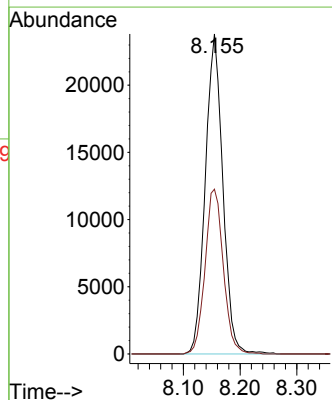
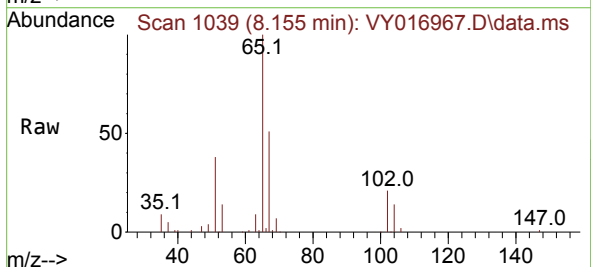


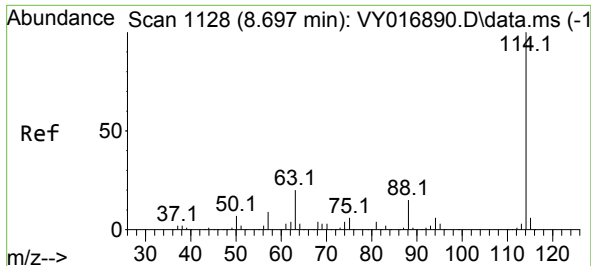
Tgt Ion: 56 Resp: 2597
Ion Ratio Lower Upper
56 100
69 147.4 27.0 40.6#
84 148.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.100 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion: 65 Resp: 51111
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016967.D

Acq: 10 Jan 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

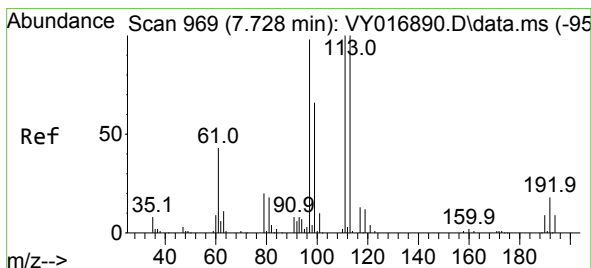
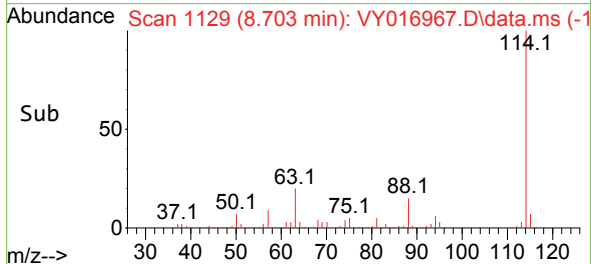
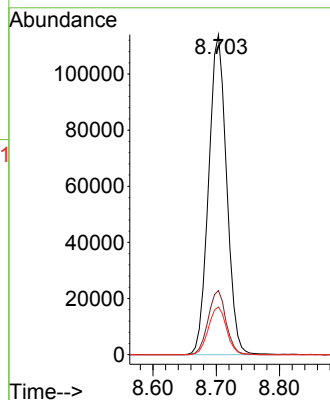
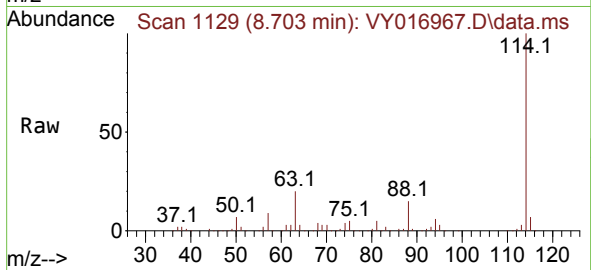
Tgt Ion:114 Resp: 225631

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.120 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016967.D

Acq: 10 Jan 2024 12:53

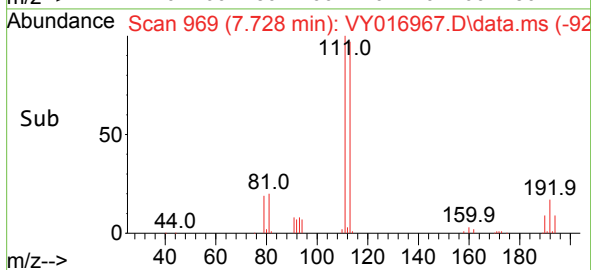
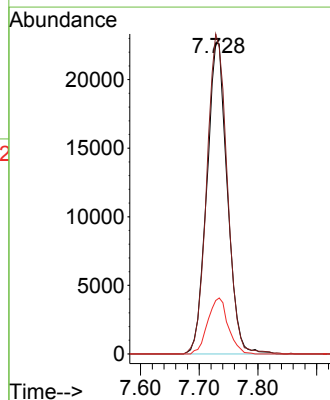
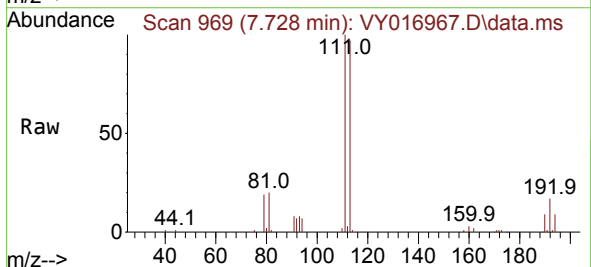
Tgt Ion:113 Resp: 54809

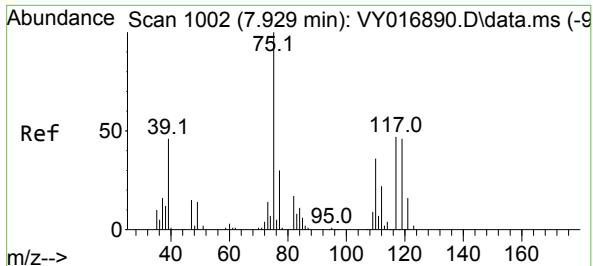
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.0 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.632 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

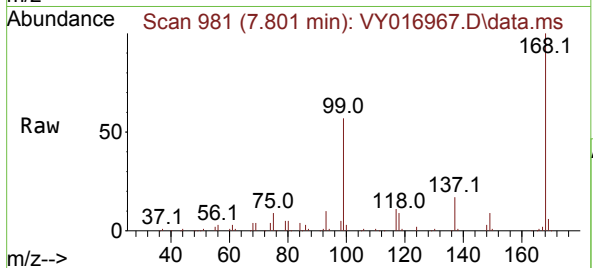
Lab File: VY016967.D

Acq: 10 Jan 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :



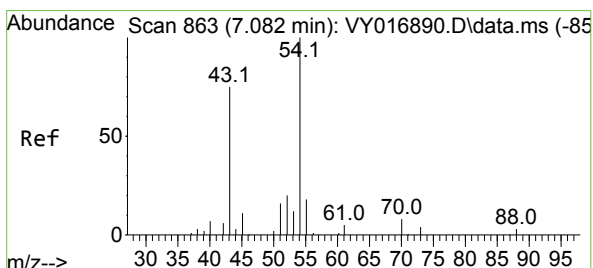
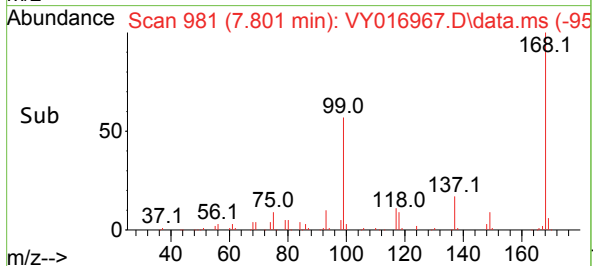
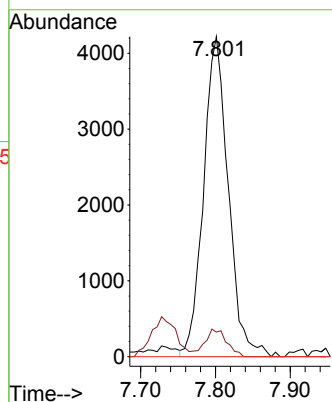
Tgt Ion: 75 Resp: 9705

Ion Ratio Lower Upper

75 100

110 7.4 17.4 52.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.074 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY016967.D

Acq: 10 Jan 2024 12:53

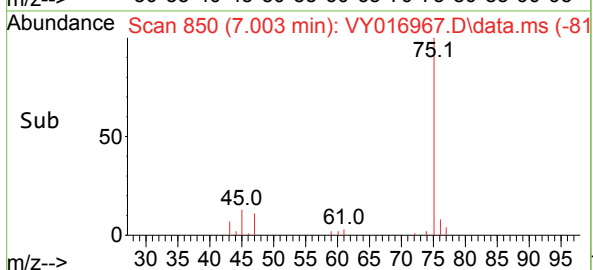
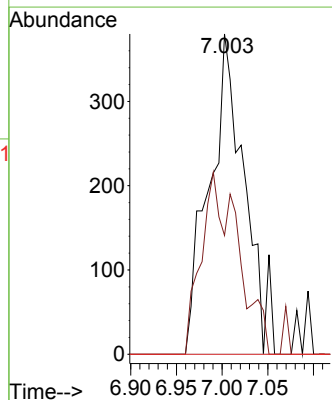
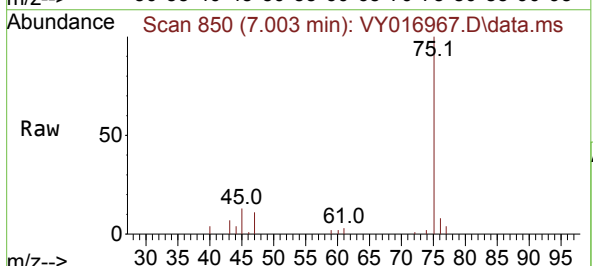
Tgt Ion: 43 Resp: 1023

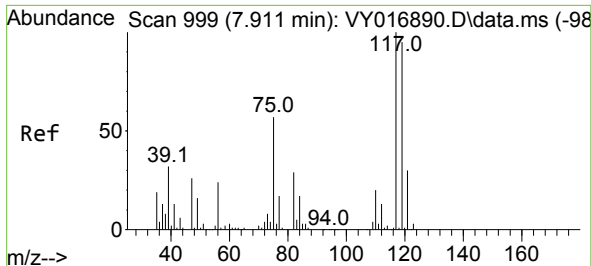
Ion Ratio Lower Upper

43 100

61 35.0 11.0 16.6#

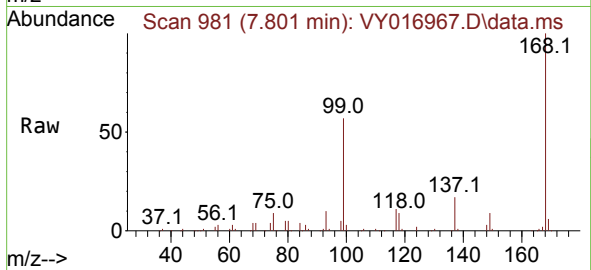
70 0.0 8.1 12.1#



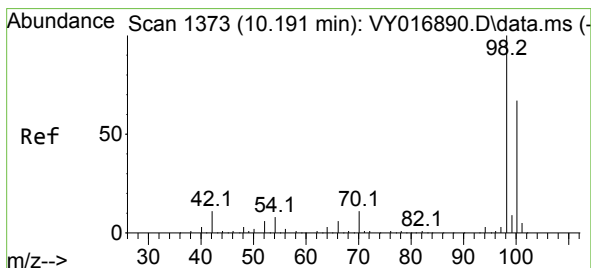
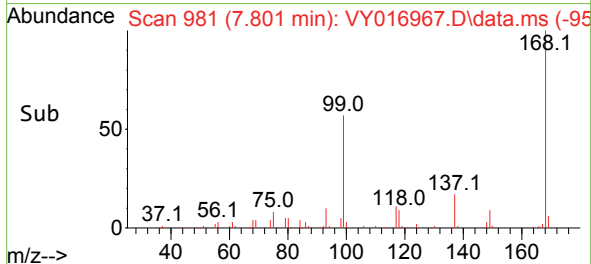
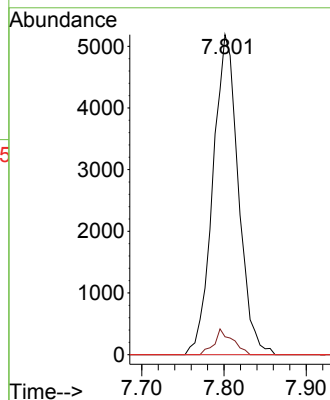


#38
Carbon Tetrachloride
Concen: 5.239 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :

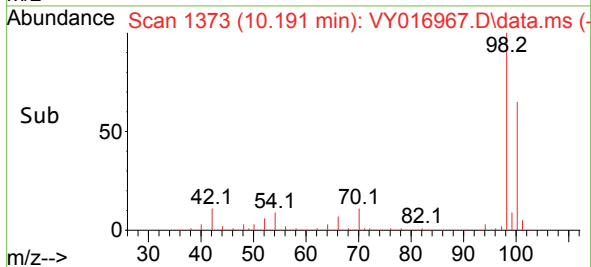
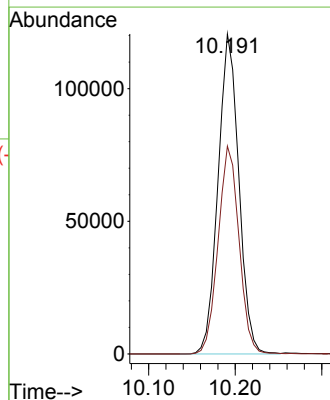
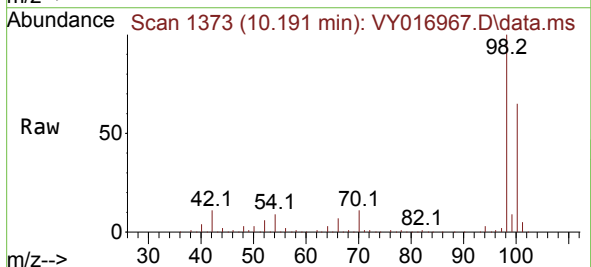


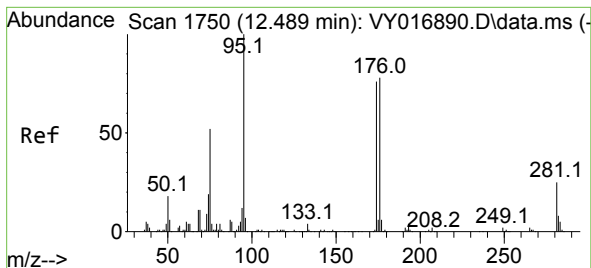
Tgt Ion:117 Resp: 11154
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.553 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion: 98 Resp: 200784
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

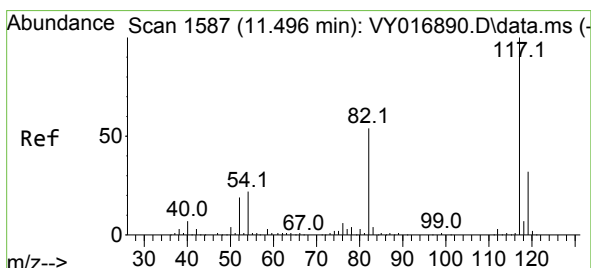
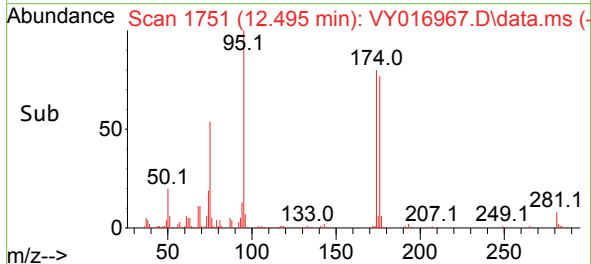
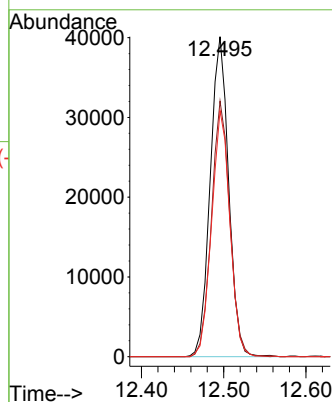
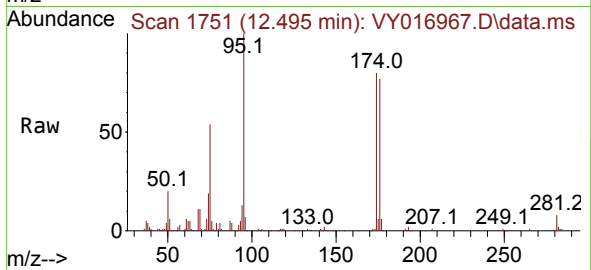




#62
4-Bromofluorobenzene
Concen: 37.395 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

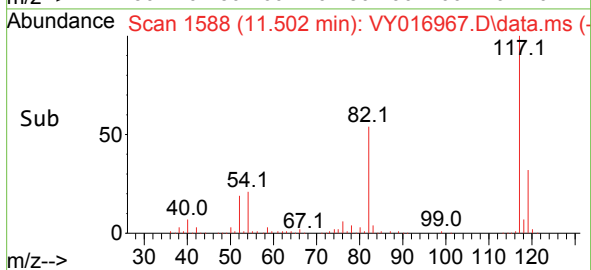
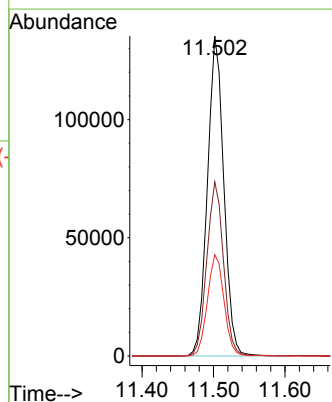
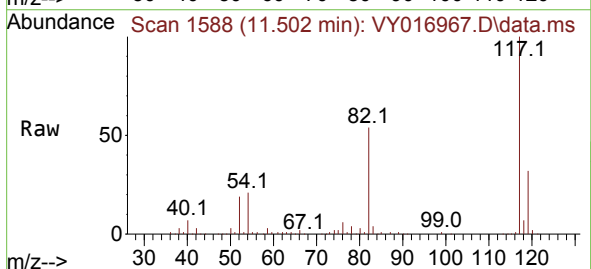
Instrument :
MSVOA_Y
ClientSampleId :

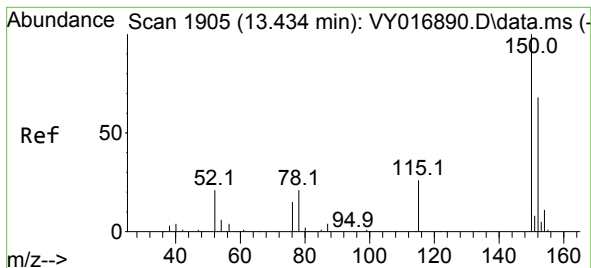
Tgt Ion: 95 Resp: 62466
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.0
176 76.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion: 117 Resp: 215293
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.6 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: VY016967.D

Acq: 10 Jan 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

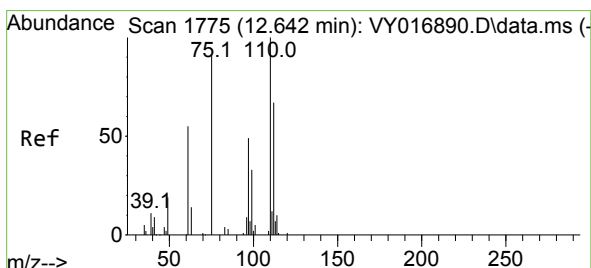
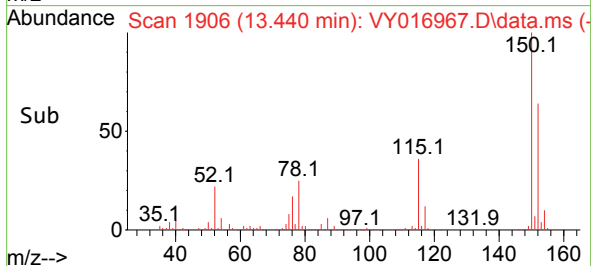
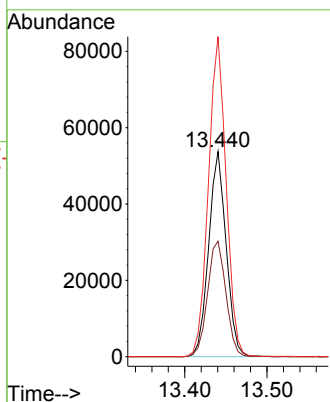
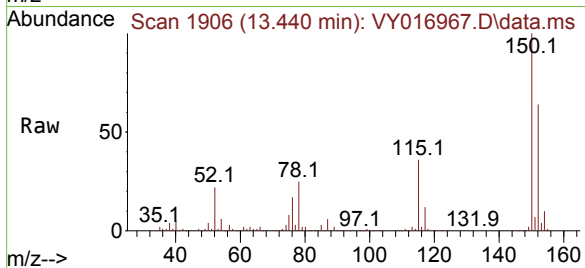
Tgt Ion:152 Resp: 79444

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 158.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 38.481 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016967.D

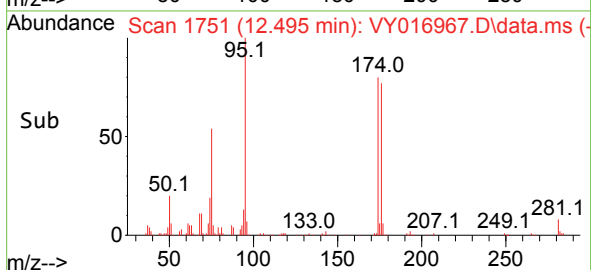
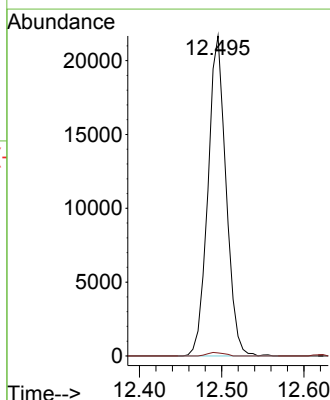
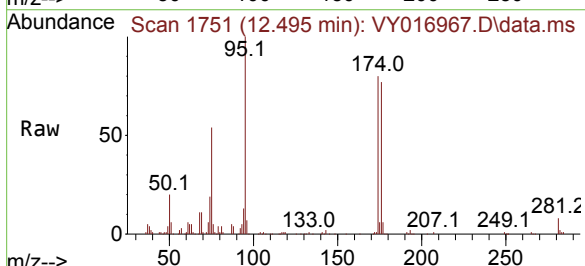
Acq: 10 Jan 2024 12:53

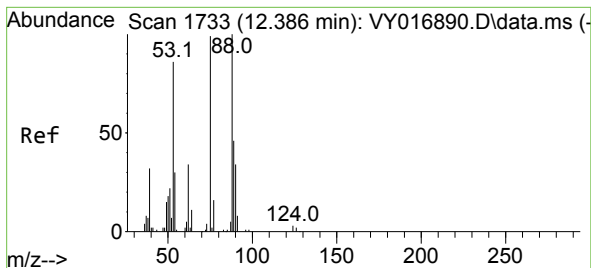
Tgt Ion: 75 Resp: 33175

Ion Ratio Lower Upper

75 100

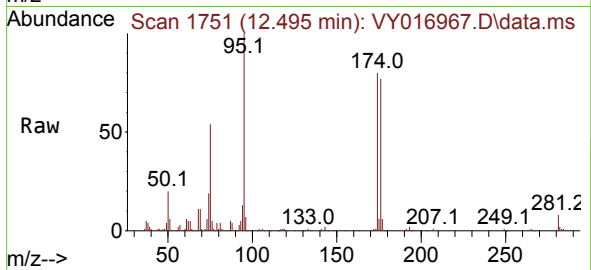
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.381 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 33175
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

