

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013989.D
 Acq On : 02 Jun 2023 14:57
 Operator : KP/MD
 Sample : 02998-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-2-053123

Quant Time: Jun 05 09:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	42401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	56201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24206	43.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.260%
35) Dibromofluoromethane	7.710	113	21035	53.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.020%
50) Toluene-d8	10.173	98	76184	50.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.477	95	19702	38.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.080%

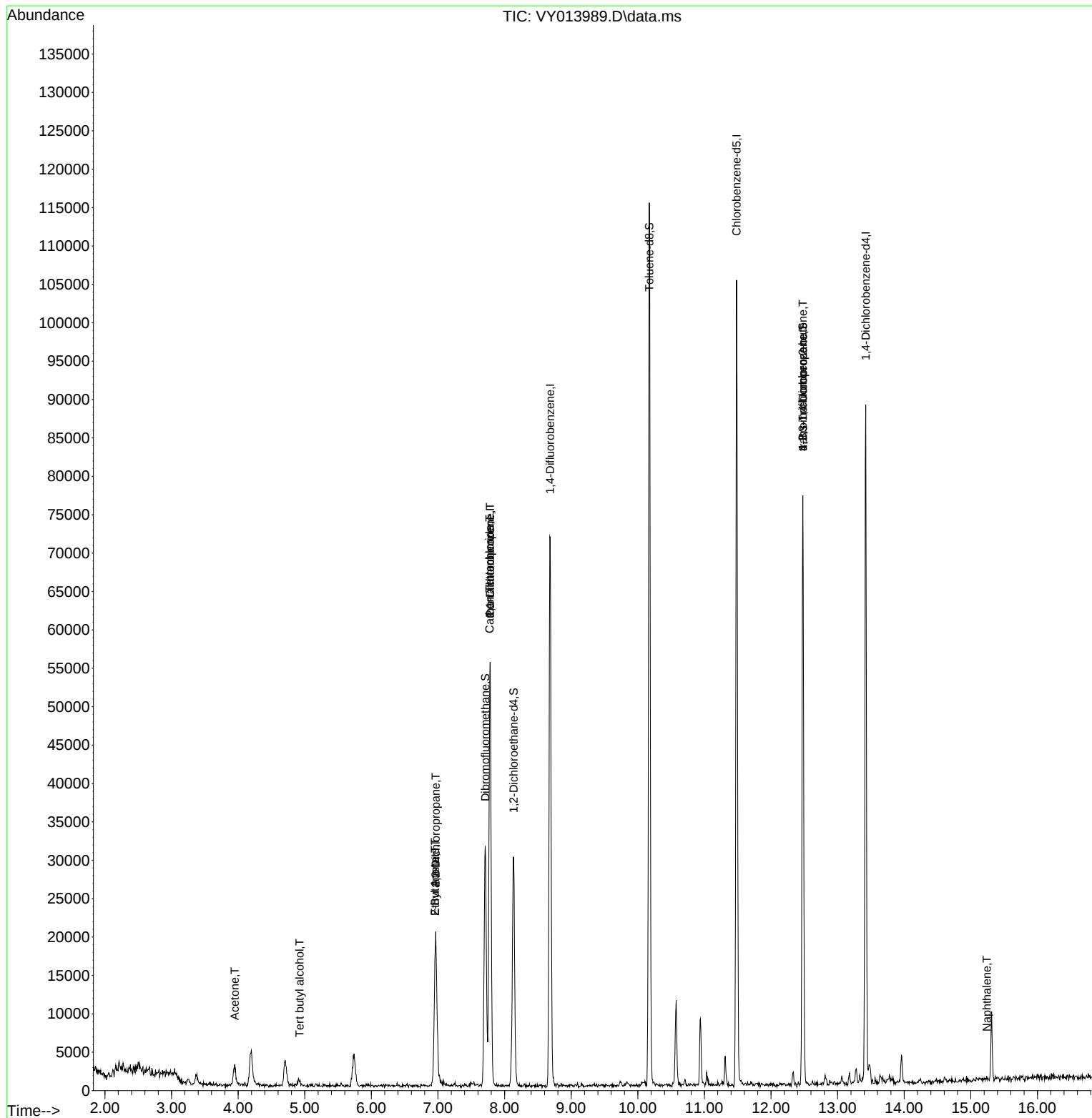
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	981	8.504	ug/l #	89
16) Acetone	3.948	43	4309	22.439	ug/l #	66
25) 2-Butanone	6.954	43	1492	6.237	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	1468	1.890	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	3314	5.917	ug/l #	50
37) Ethyl Acetate	6.954	43	1492	3.055	ug/l #	7
38) Carbon Tetrachloride	7.777	117	4246	6.765	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	10715	34.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10715	73.083	ug/l #	10
95) Naphthalene	15.239	128	150	4.009	ug/l #	69

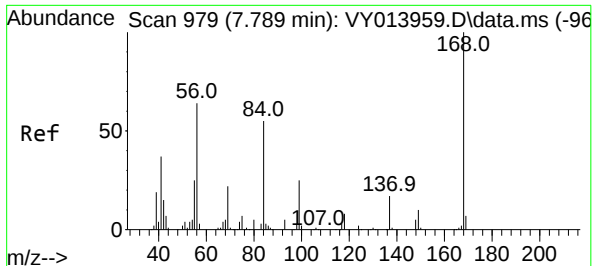
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
Data File : VY013989.D
Acq On : 02 Jun 2023 14:57
Operator : KP/MD
Sample : 02998-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

Quant Time: Jun 05 09:42:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

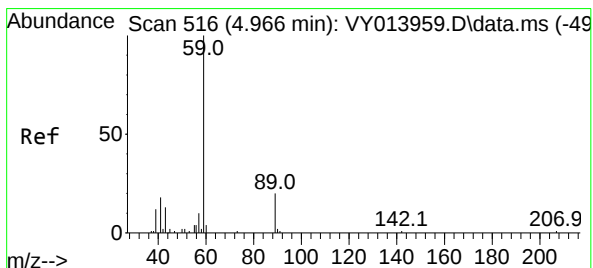
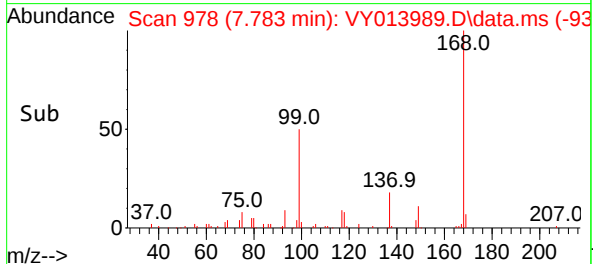
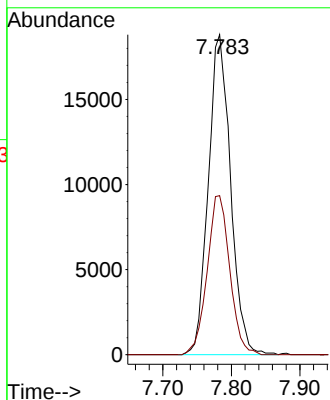
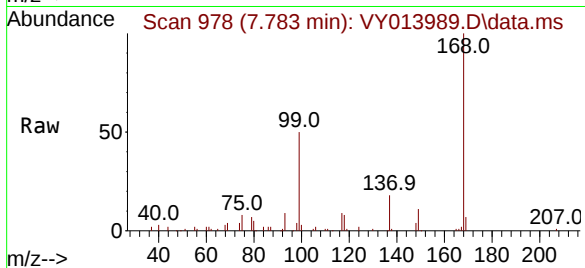




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

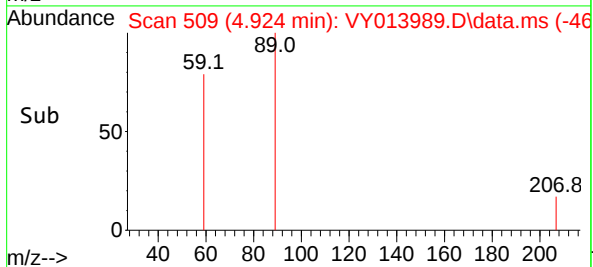
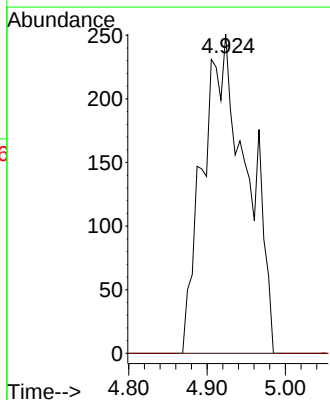
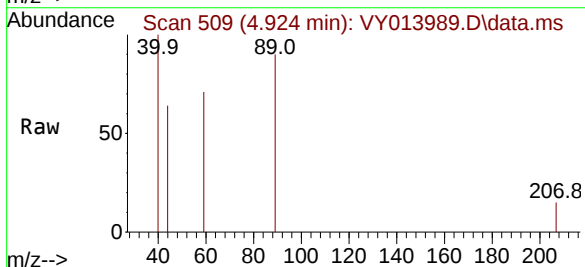
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

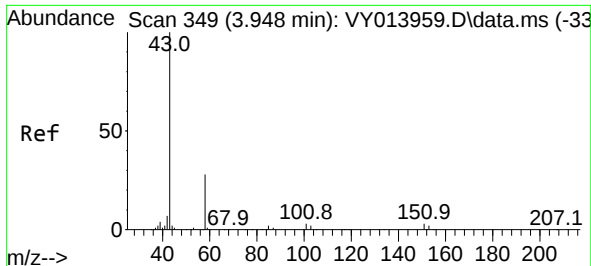
Tgt Ion:168 Resp: 42401
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.504 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 59 Resp: 981
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 22.439 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

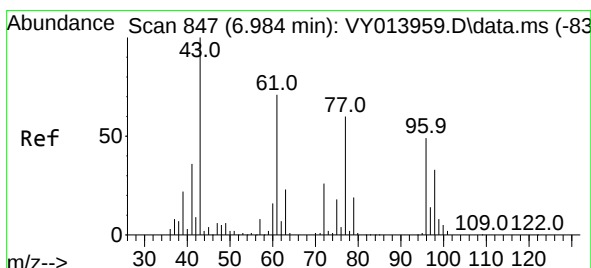
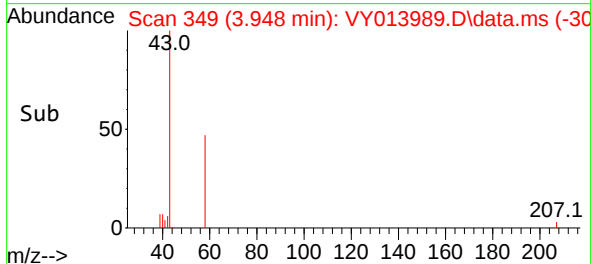
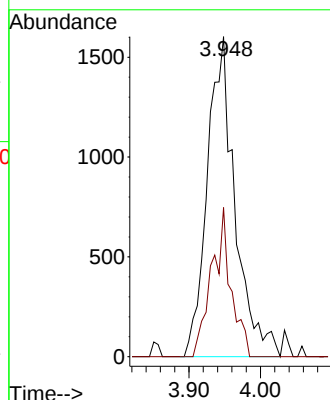
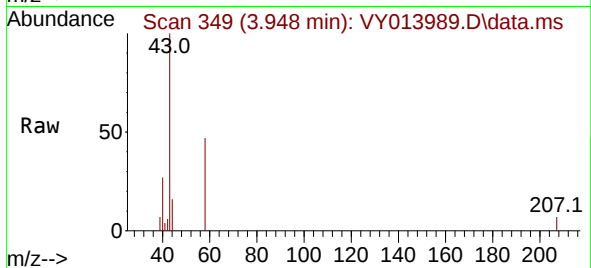
PAT-2-053123

Tgt Ion: 43 Resp: 4309

Ion Ratio Lower Upper

43 100

58 46.6 22.7 34.1#



#25

2-Butanone

Concen: 6.237 ug/l

RT: 6.954 min Scan# 842

Delta R.T. -0.031 min

Lab File: VY013989.D

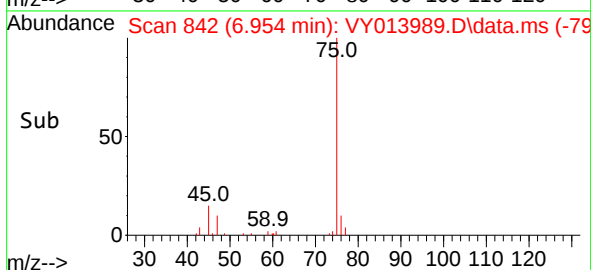
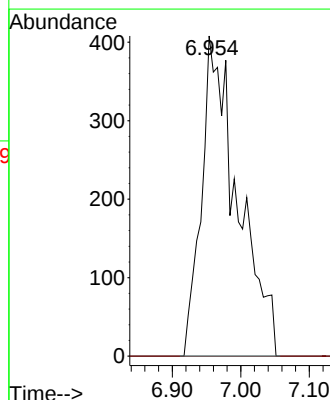
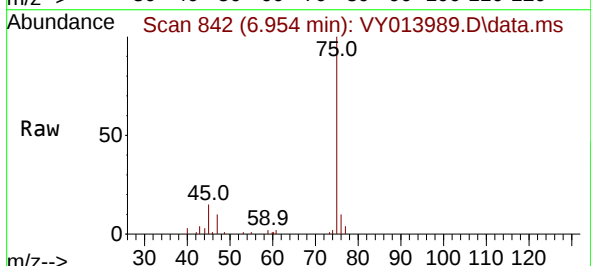
Acq: 02 Jun 2023 14:57

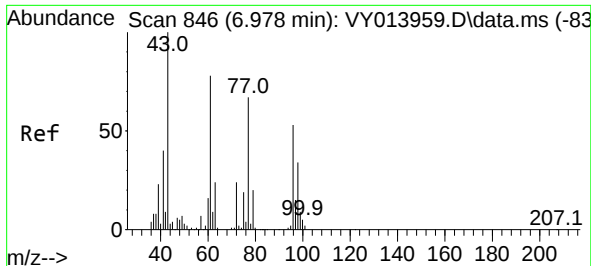
Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.890 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

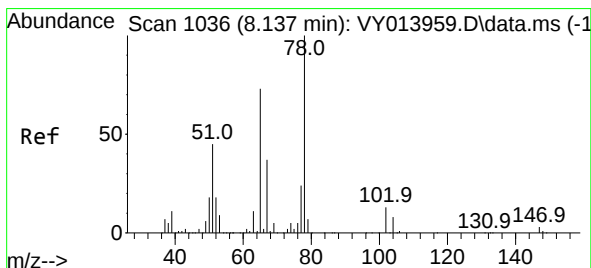
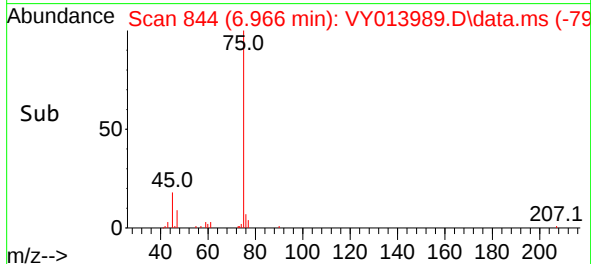
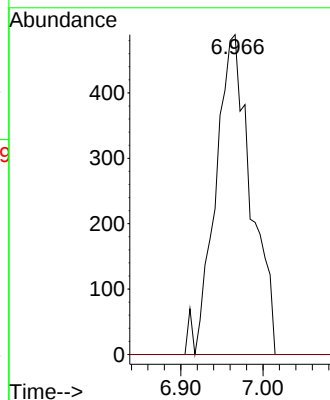
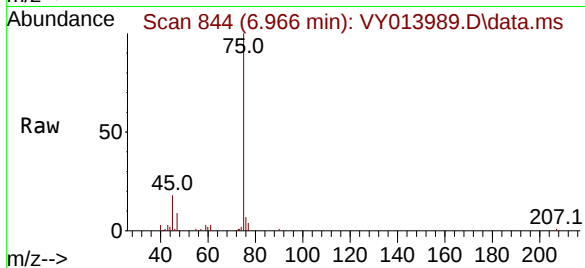
PAT-2-053123

Tgt Ion: 77 Resp: 1468

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 43.126 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013989.D

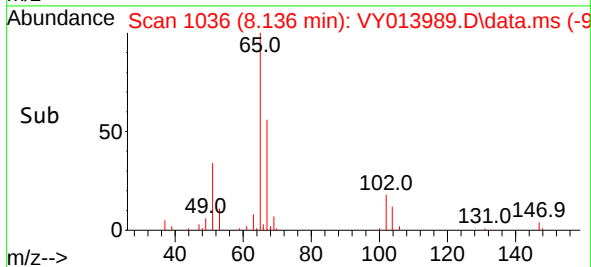
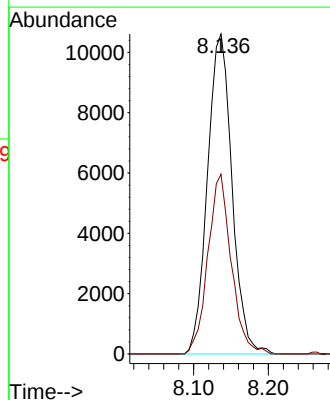
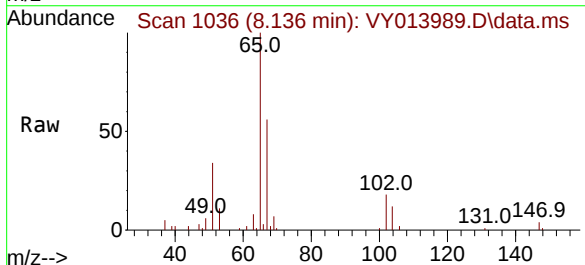
Acq: 02 Jun 2023 14:57

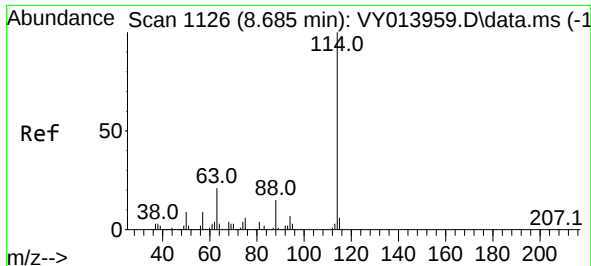
Tgt Ion: 65 Resp: 24206

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-053123

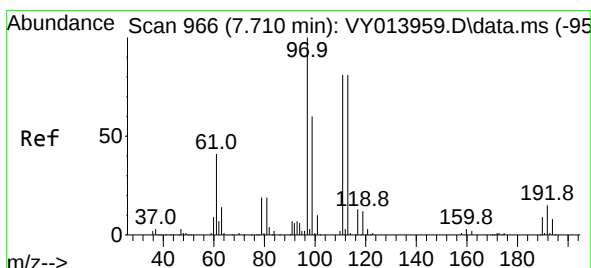
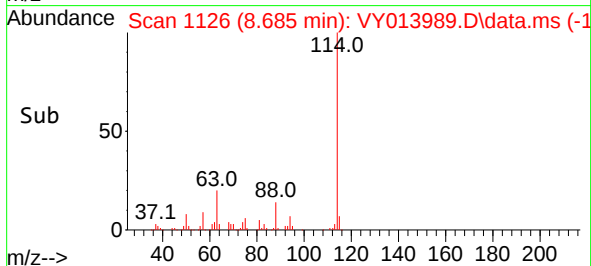
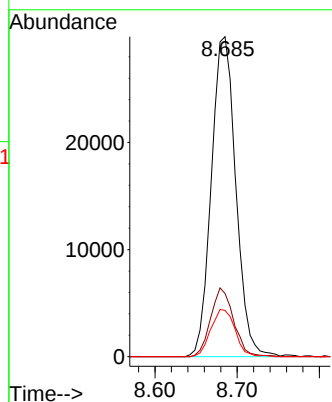
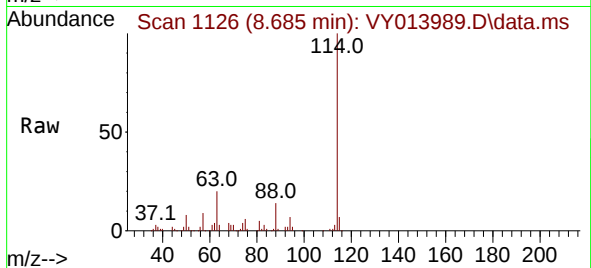
Tgt Ion:114 Resp: 61861

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.506 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

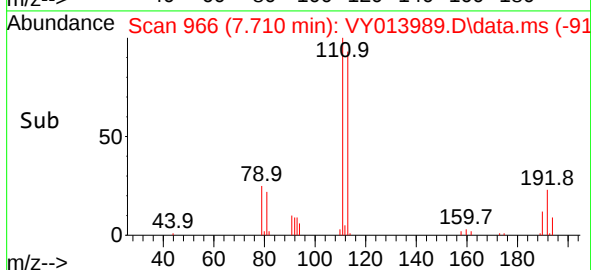
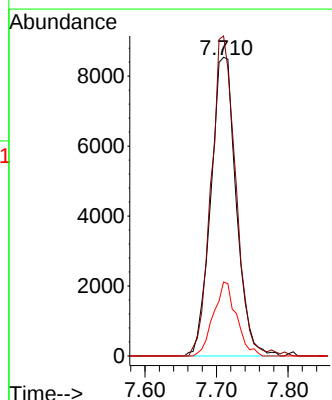
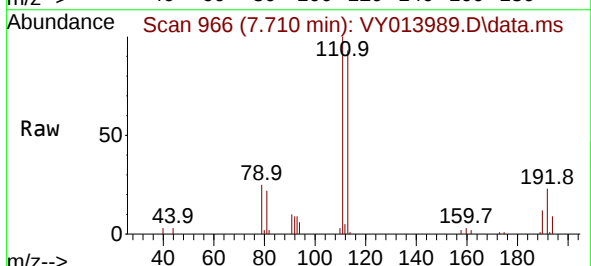
Tgt Ion:113 Resp: 21035

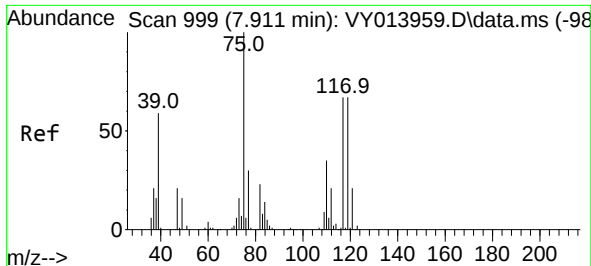
Ion Ratio Lower Upper

113 100

111 104.0 81.3 121.9

192 22.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.917 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-053123

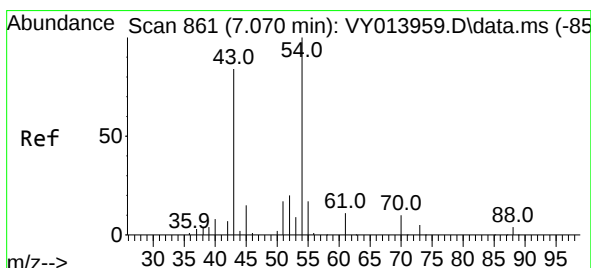
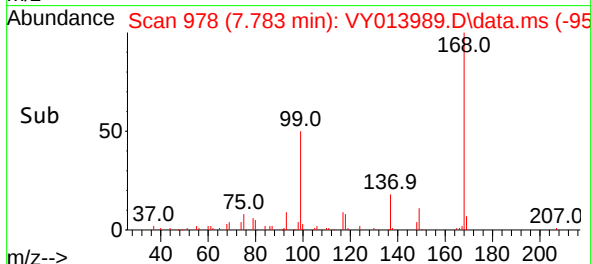
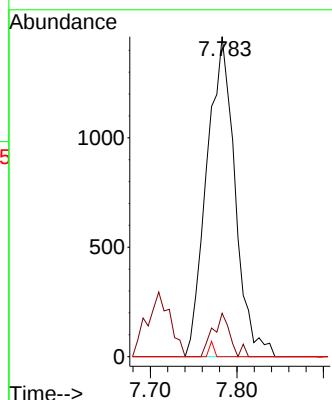
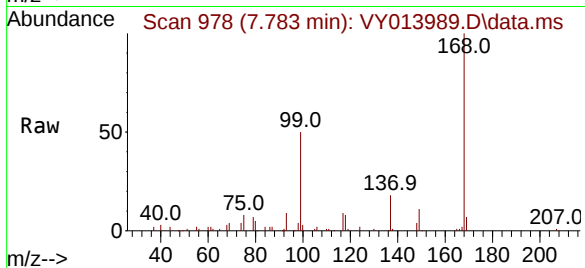
Tgt Ion: 75 Resp: 3314

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.8 24.4 36.6#



#37

Ethyl Acetate

Concen: 3.055 ug/l

RT: 6.954 min Scan# 842

Delta R.T. -0.116 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

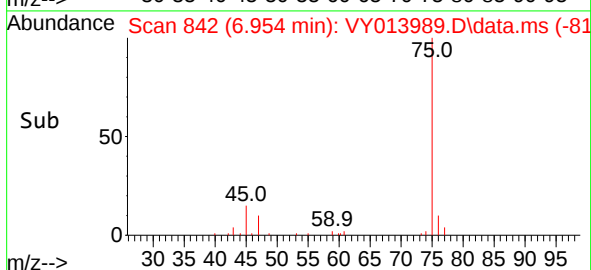
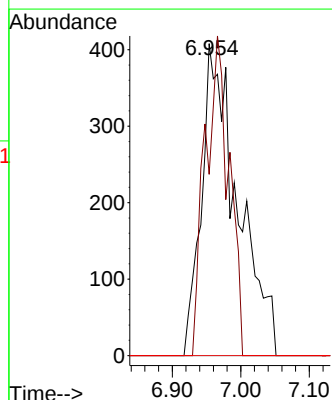
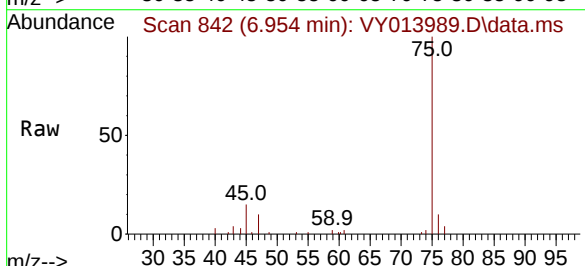
Tgt Ion: 43 Resp: 1492

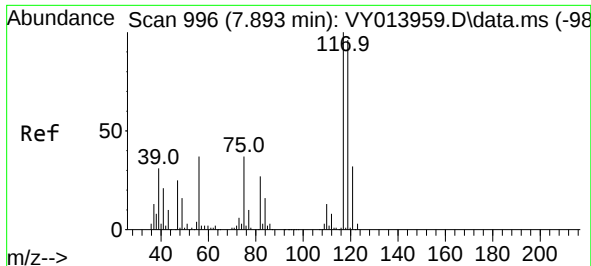
Ion Ratio Lower Upper

43 100

61 68.4 10.1 15.1#

70 0.0 7.1 10.7#

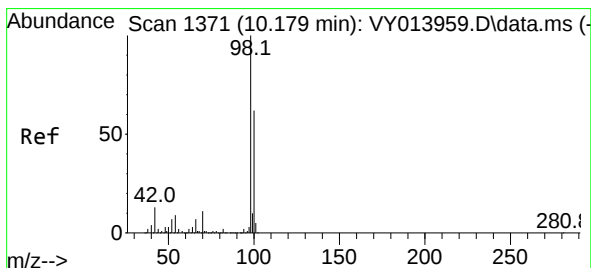
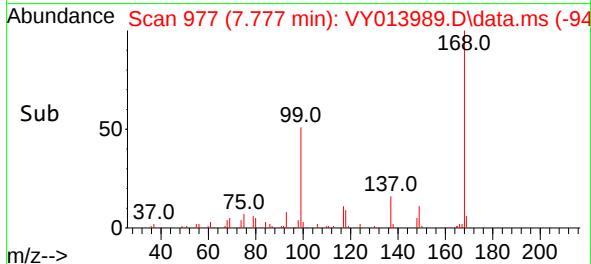
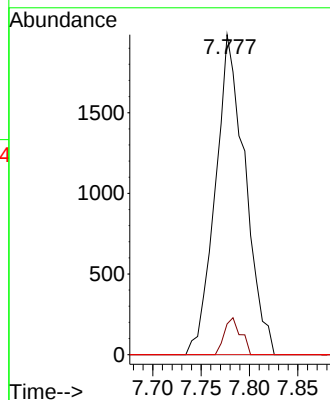
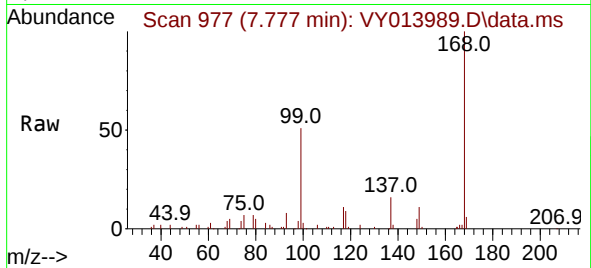




#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

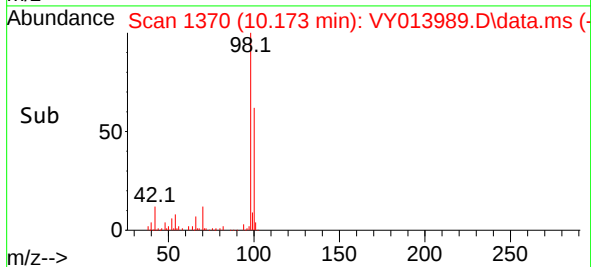
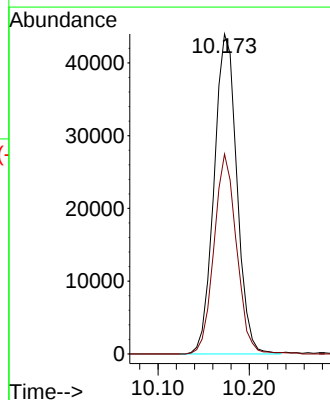
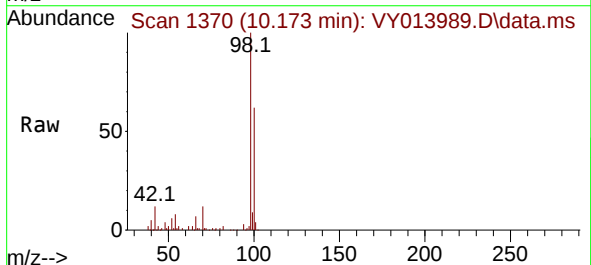
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

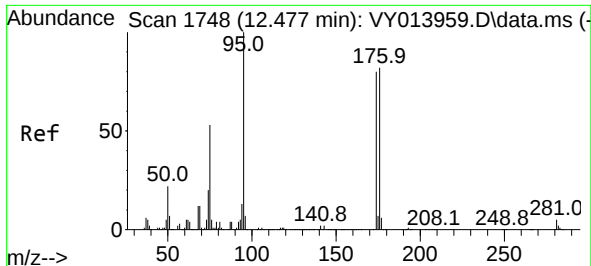
Tgt Ion:117 Resp: 4246
Ion Ratio Lower Upper
117 100
119 9.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 98 Resp: 76184
Ion Ratio Lower Upper
98 100
100 61.8 50.1 75.1

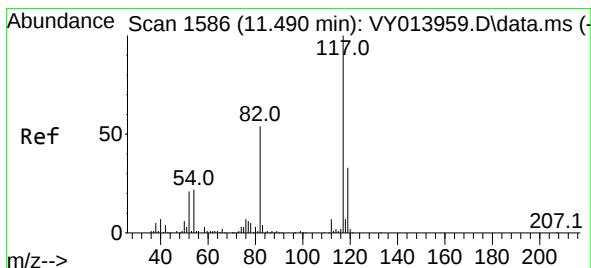
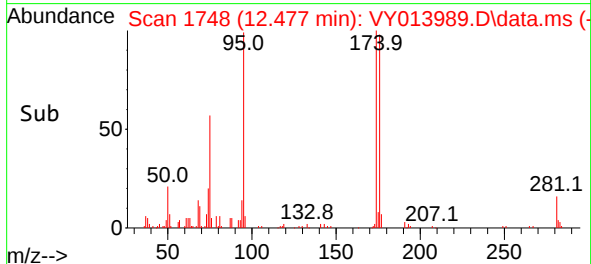
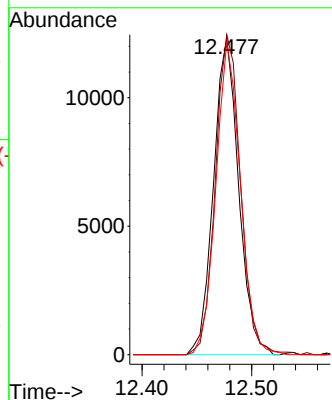
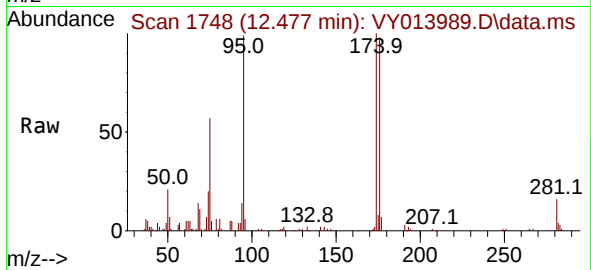




#62
4-Bromofluorobenzene
Concen: 38.538 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

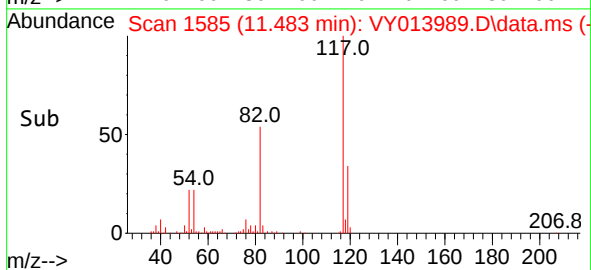
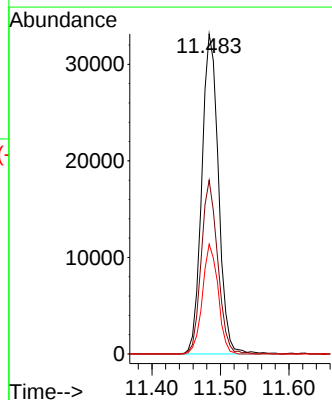
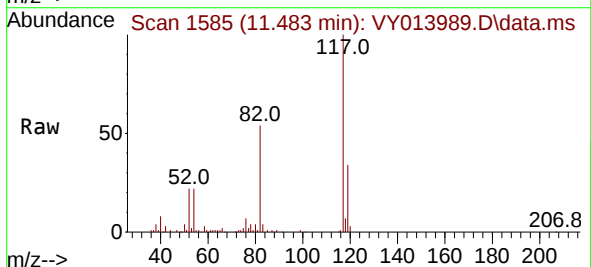
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

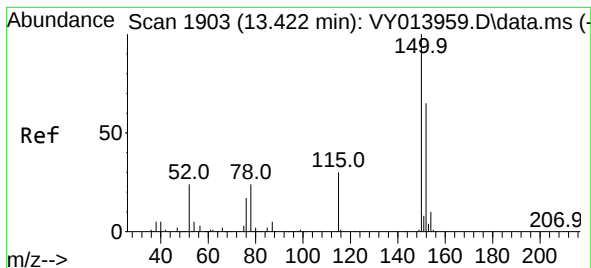
Tgt Ion: 95 Resp: 19702
Ion Ratio Lower Upper
95 100
174 101.0 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 117 Resp: 56201
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 34.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013989.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-053123

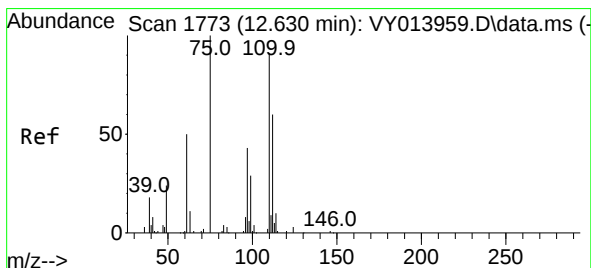
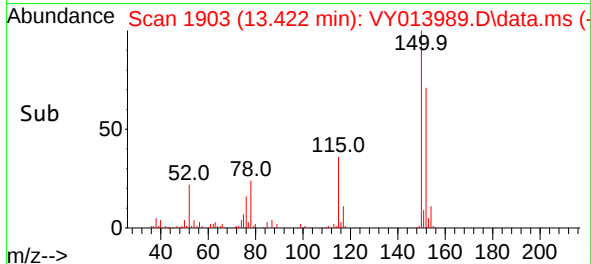
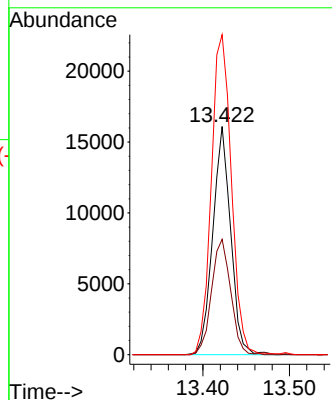
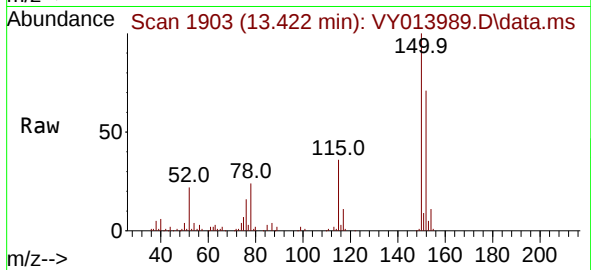
Tgt Ion:152 Resp: 23114

Ion Ratio Lower Upper

152 100

115 53.9 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.449 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013989.D

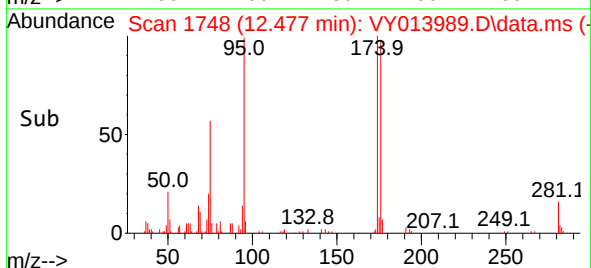
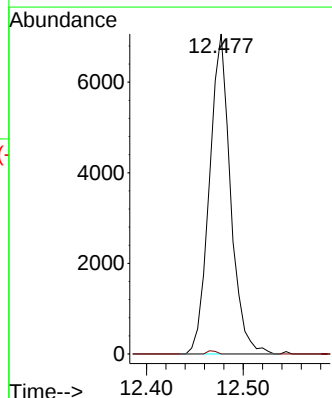
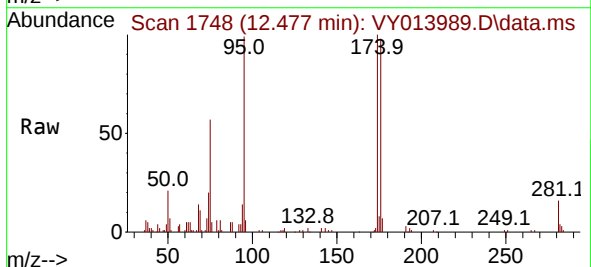
Acq: 02 Jun 2023 14:57

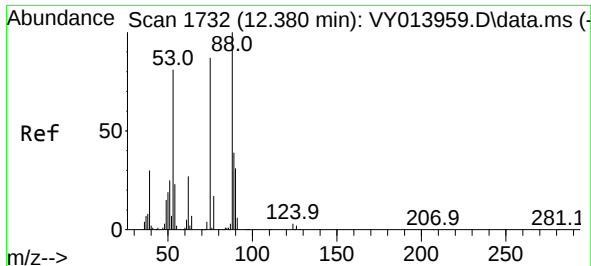
Tgt Ion: 75 Resp: 10715

Ion Ratio Lower Upper

75 100

77 0.4 0.0 0.0#

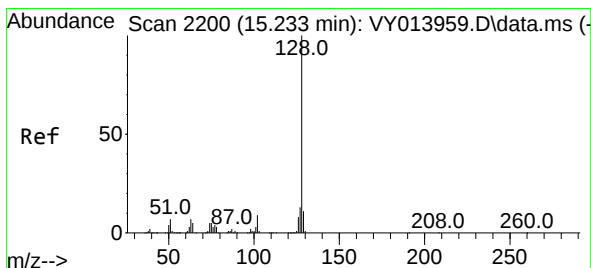
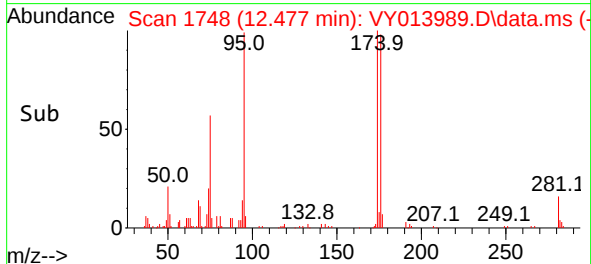
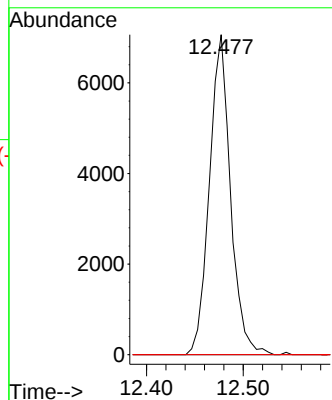
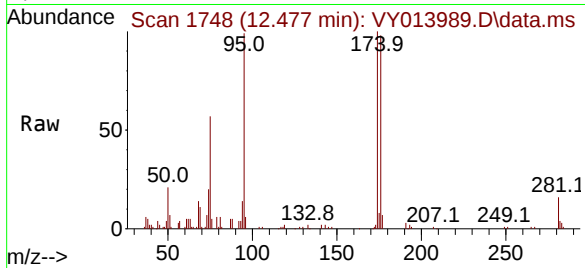




#81
trans-1,4-Dichloro-2-butene
Concen: 73.083 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-053123

Tgt Ion: 75 Resp: 10715
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 4.009 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY013989.D
Acq: 02 Jun 2023 14:57

Tgt Ion:128 Resp: 150
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

