

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013991.D
 Acq On : 02 Jun 2023 15:44
 Operator : KP/MD
 Sample : 03009-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 05 09:43:39 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	156549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	278410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116181	56.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.120%
35) Dibromofluoromethane	7.710	113	94492	55.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.173	98	338731	51.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.477	95	113481	51.017	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.040%

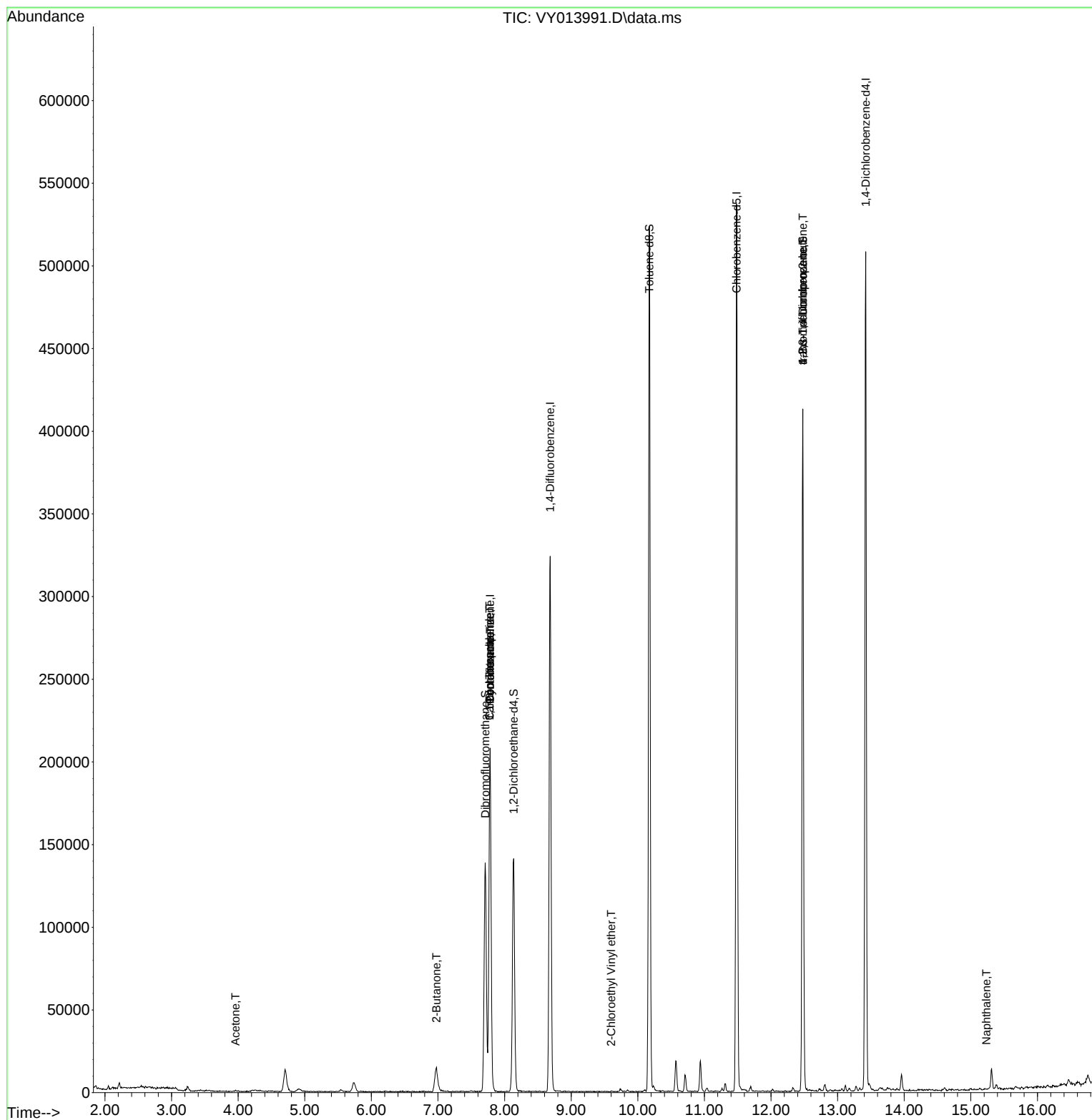
Target Compounds					Qvalue	
16) Acetone	3.960	43	965	1.361	ug/l #	84
25) 2-Butanone	6.978	43	1063	1.203	ug/l	95
31) Cyclohexane	7.783	56	3640	1.459	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	12159	4.989	ug/l #	49
38) Carbon Tetrachloride	7.777	117	15149	5.547	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.600	63	38	23.136	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	63197	36.463	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63197	77.356	ug/l #	11
95) Naphthalene	15.233	128	309	3.928	ug/l #	69

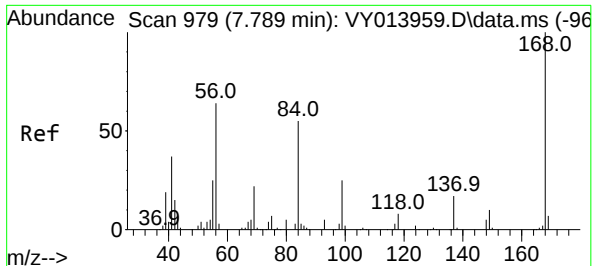
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
Data File : VY013991.D
Acq On : 02 Jun 2023 15:44
Operator : KP/MD
Sample : 03009-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Time: Jun 05 09:43:39 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

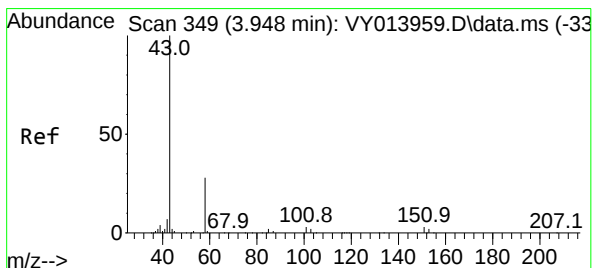
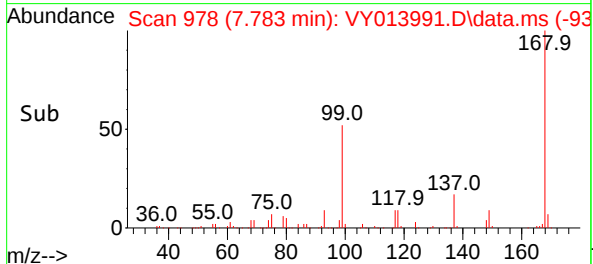
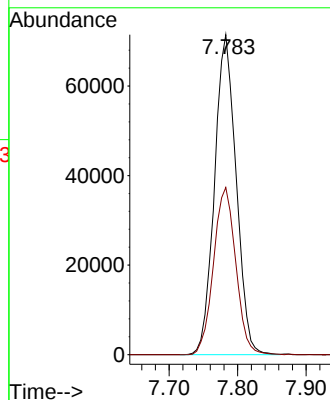
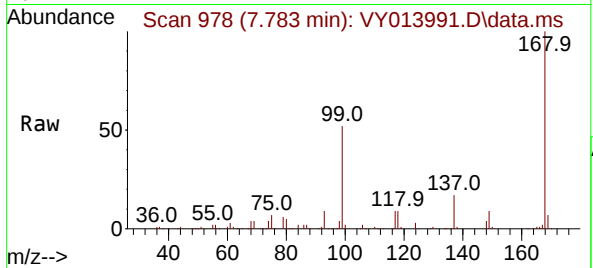




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

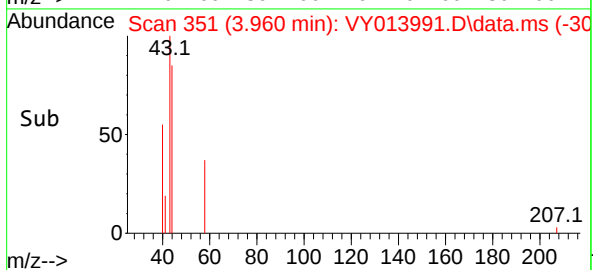
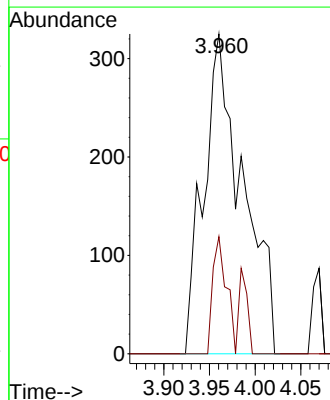
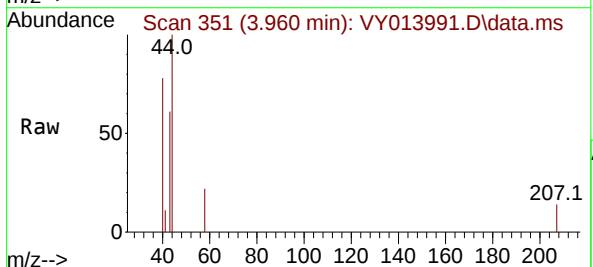
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

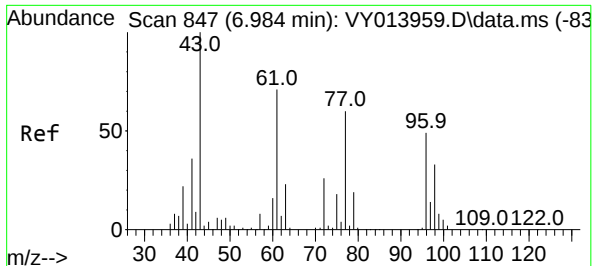
Tgt Ion:168 Resp: 156549
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#16
Acetone
Concen: 1.361 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 36.6 22.7 34.1#





#25

2-Butanone

Concen: 1.203 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013991.D

Acq: 02 Jun 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

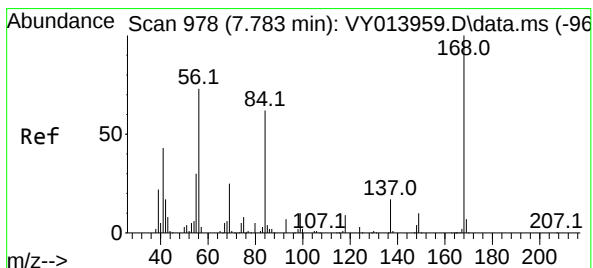
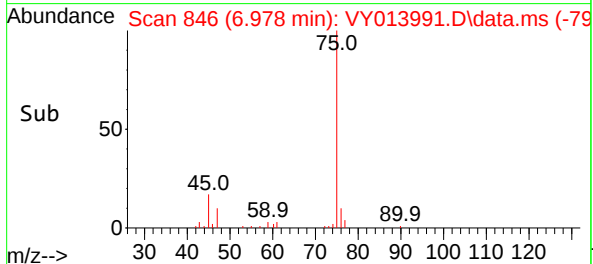
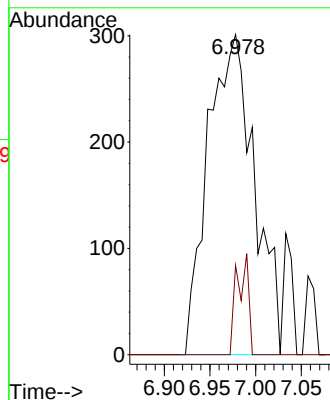
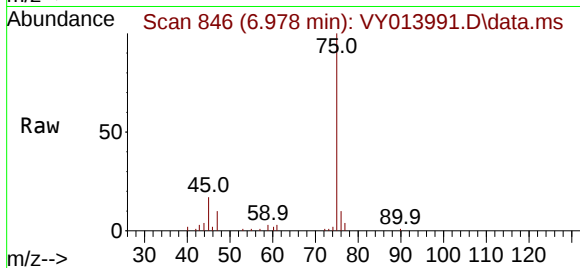
WC-1

Tgt Ion: 43 Resp: 1063

Ion Ratio Lower Upper

43 100

72 27.9 20.5 30.7



#31

Cyclohexane

Concen: 1.459 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY013991.D

Acq: 02 Jun 2023 15:44

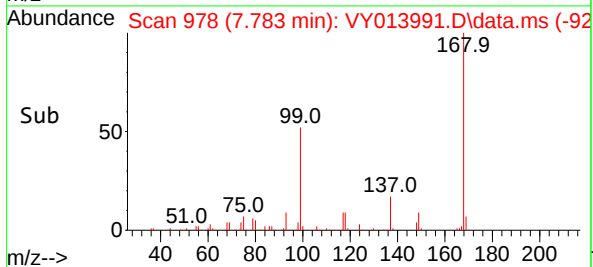
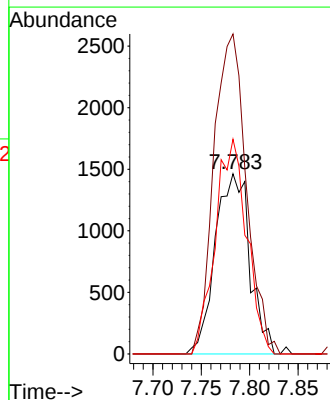
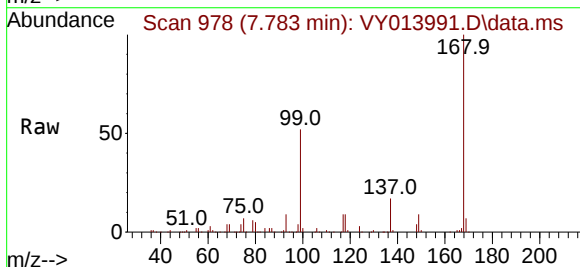
Tgt Ion: 56 Resp: 3640

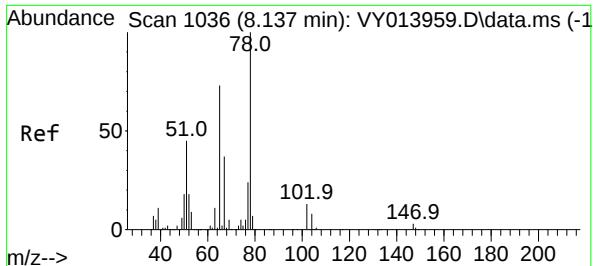
Ion Ratio Lower Upper

56 100

69 177.6 27.8 41.6#

84 119.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.063 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013991.D

Acq: 02 Jun 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

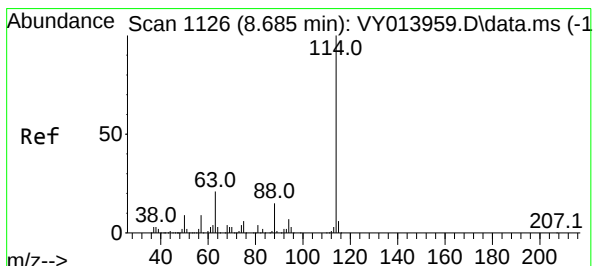
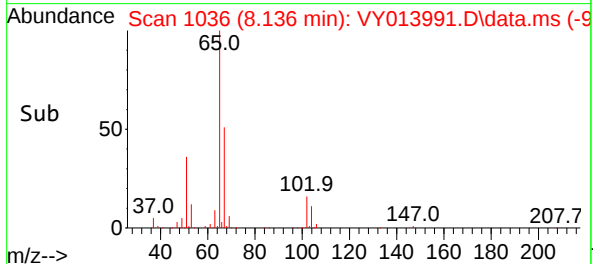
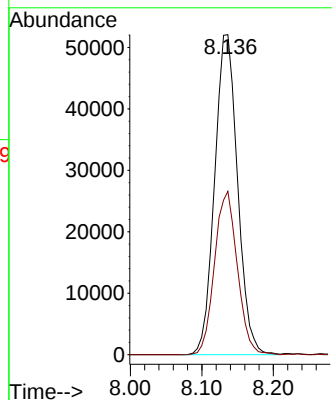
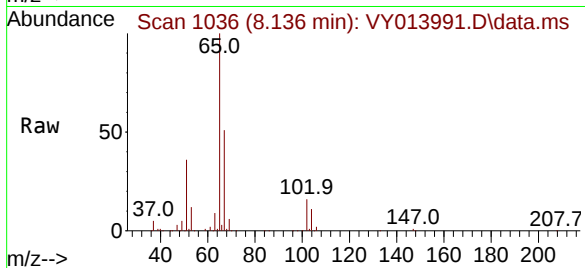
WC-1

Tgt Ion: 65 Resp: 116181

Ion Ratio Lower Upper

65 100

67 50.6 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: VY013991.D

Acq: 02 Jun 2023 15:44

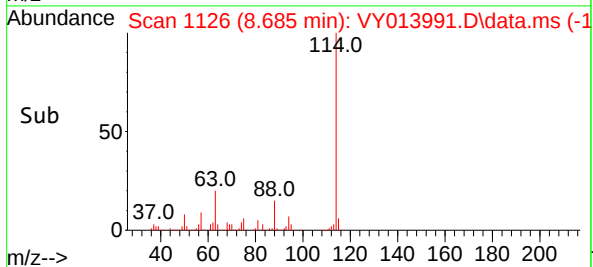
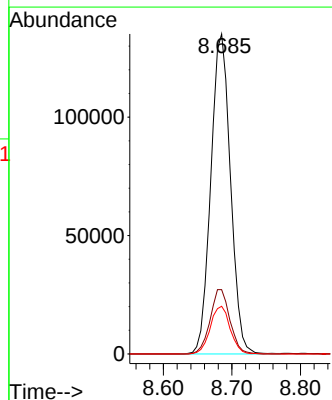
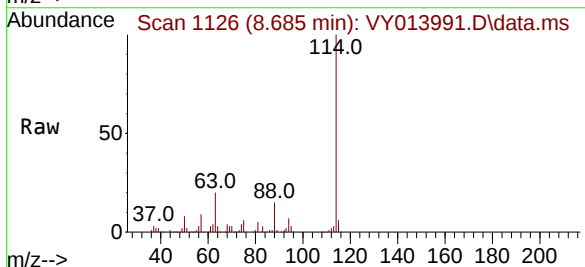
Tgt Ion:114 Resp: 269156

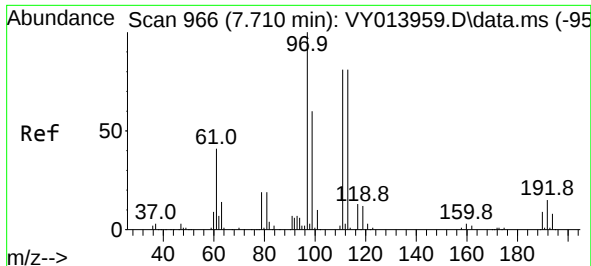
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6

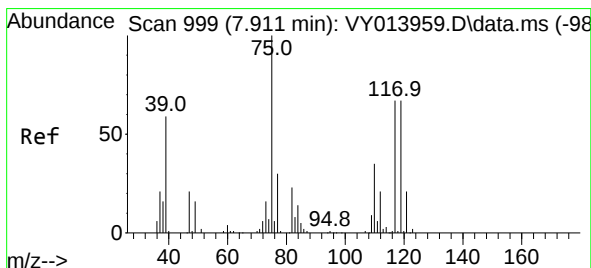
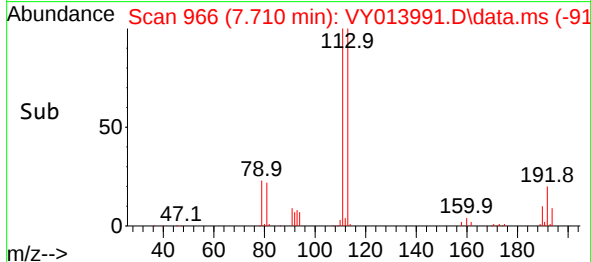
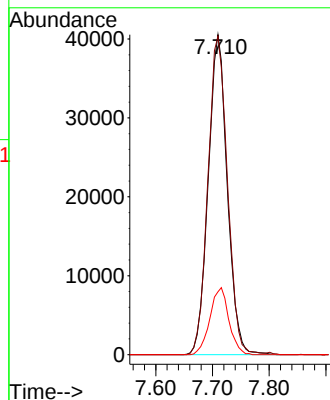
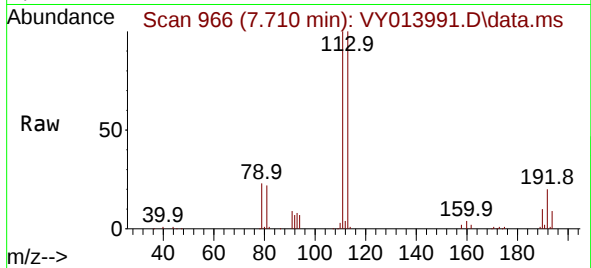




#35
Dibromofluoromethane
Concen: 55.242 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

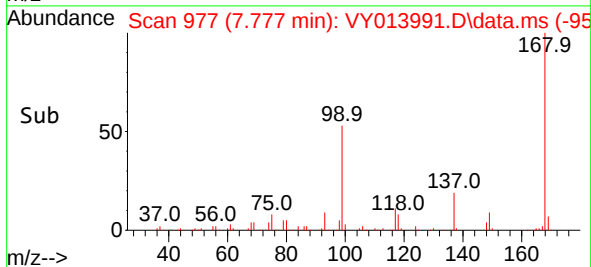
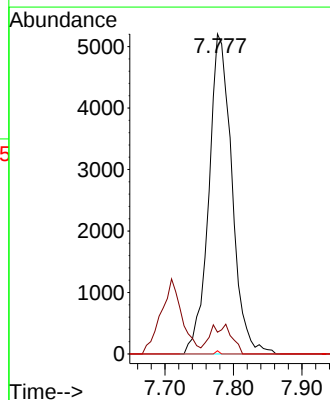
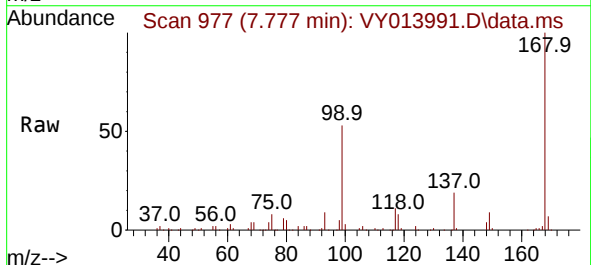
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

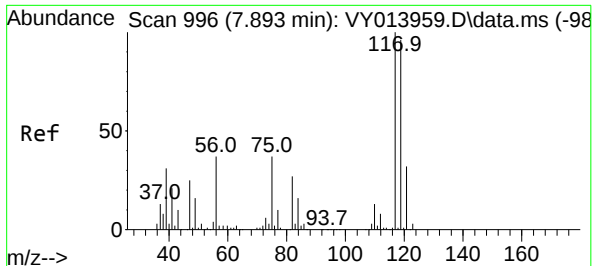
Tgt Ion:113 Resp: 94492
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

Tgt Ion: 75 Resp: 12159
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.2 24.4 36.6#

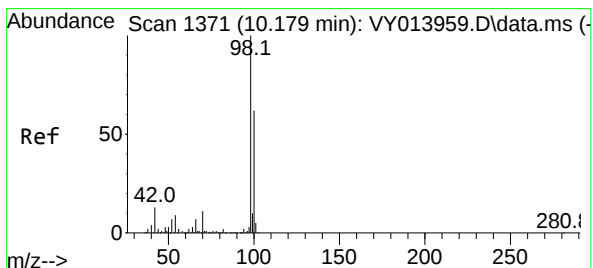
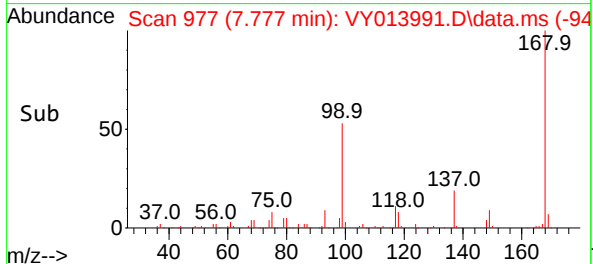
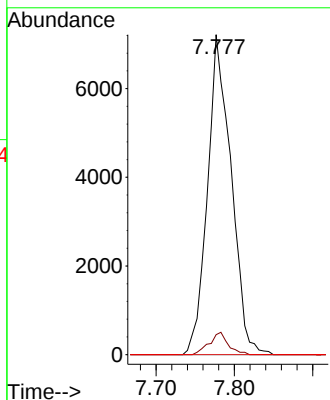
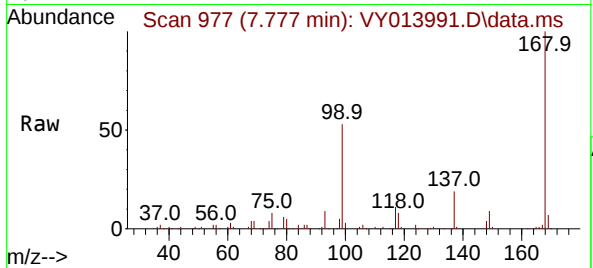




#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

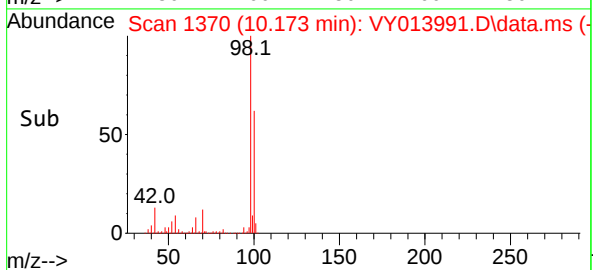
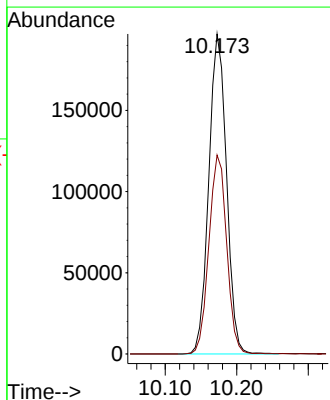
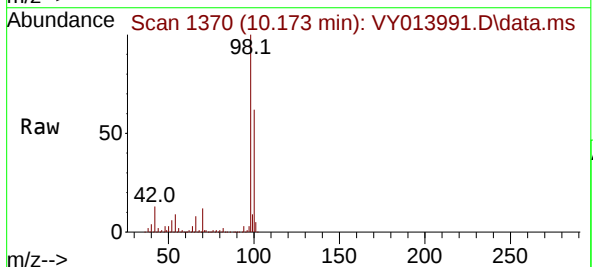
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

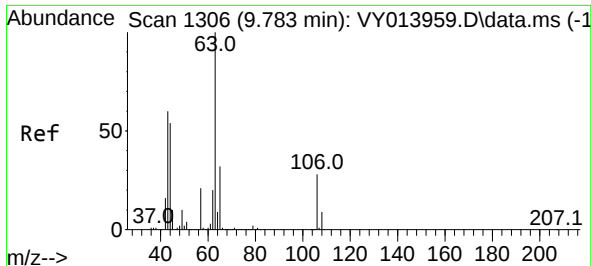
Tgt Ion:117 Resp: 15149
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.916 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

Tgt Ion: 98 Resp: 338731
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

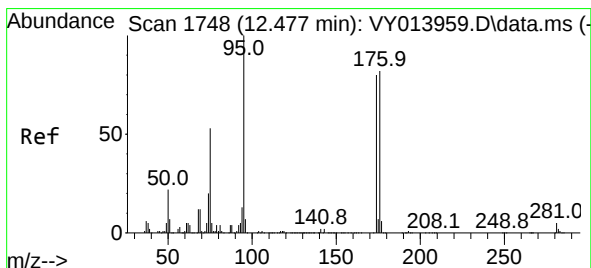
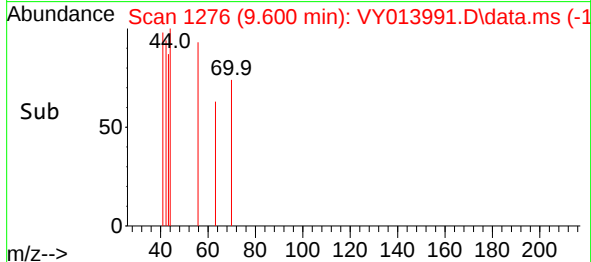
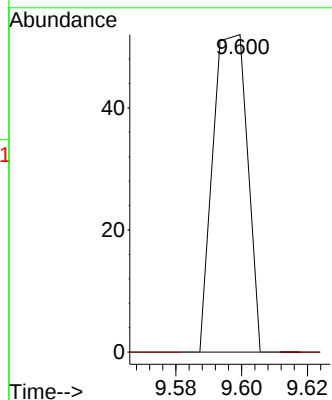
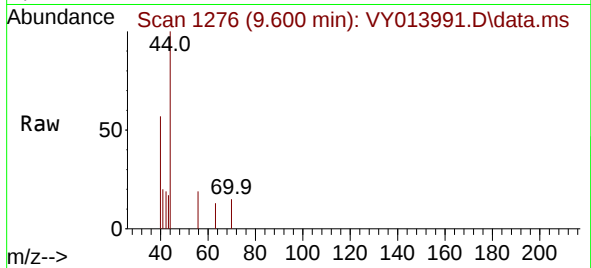




#58
2-Chloroethyl Vinyl ether
Concen: 23.136 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.183 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

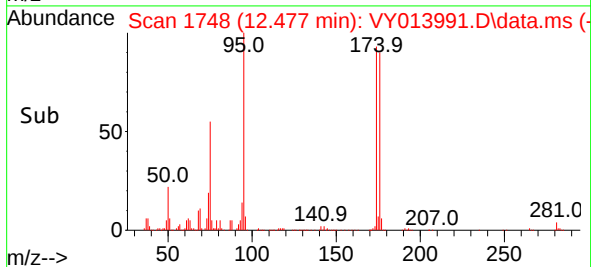
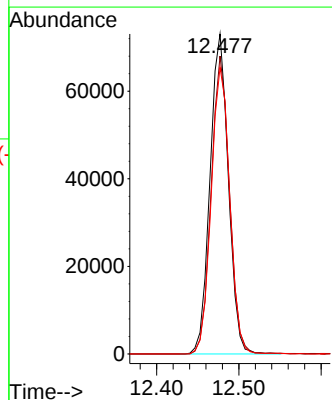
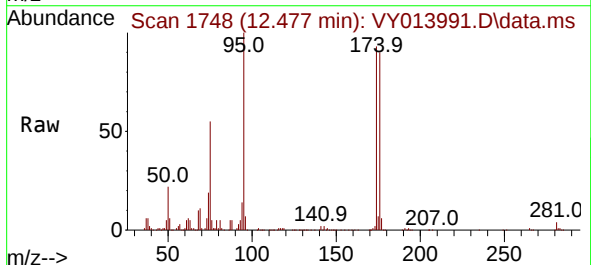
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

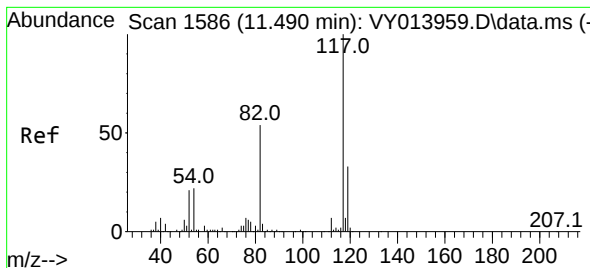
Tgt Ion: 63 Resp: 38
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 51.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

Tgt Ion: 95 Resp: 113481
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 90.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013991.D

Acq: 02 Jun 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

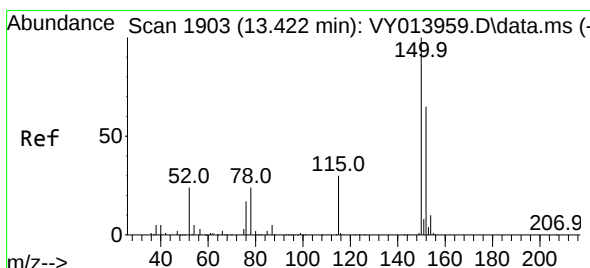
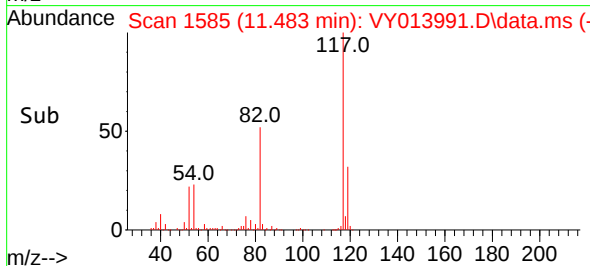
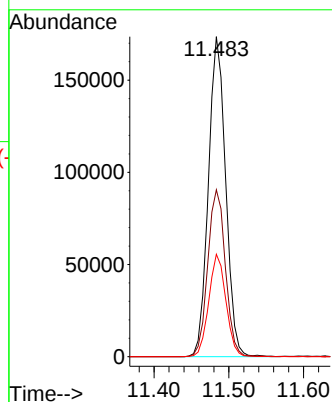
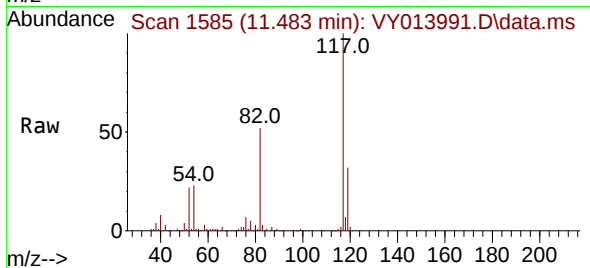
Tgt Ion:117 Resp: 278410

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 32.0 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: VY013991.D

Acq: 02 Jun 2023 15:44

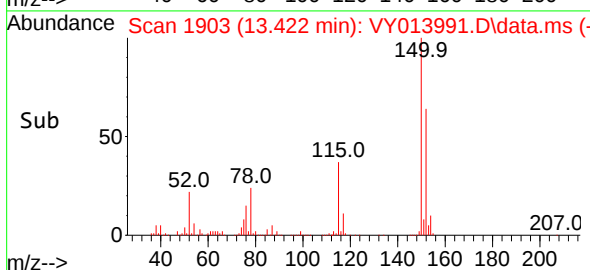
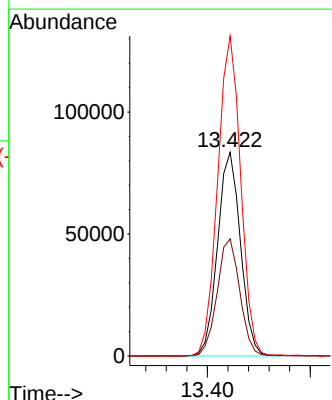
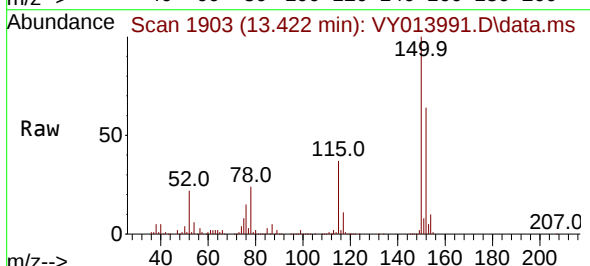
Tgt Ion:152 Resp: 128796

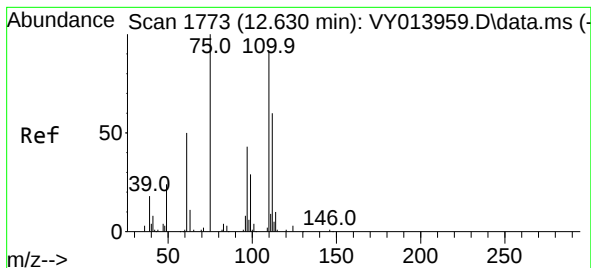
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 158.3 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 36.463 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY013991.D

Acq: 02 Jun 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

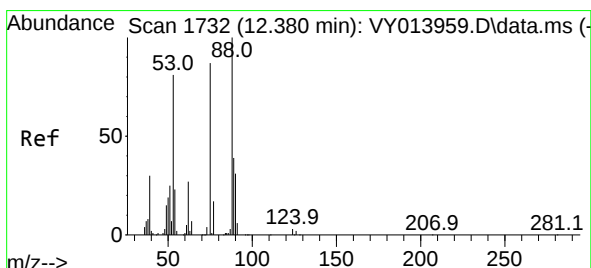
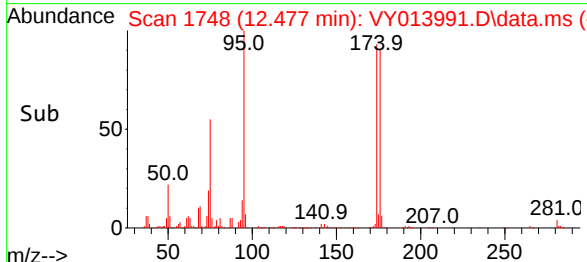
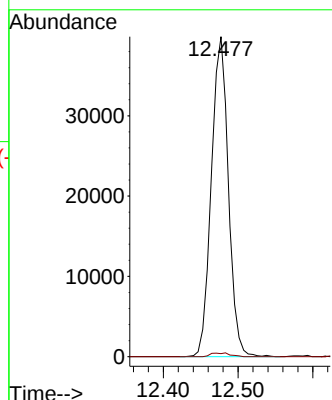
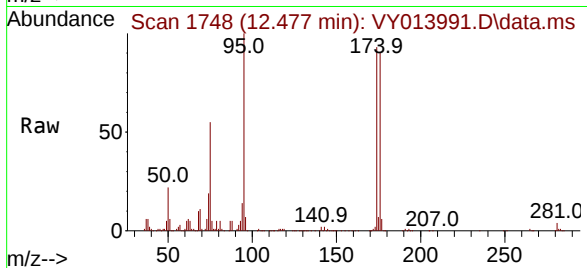
WC-1

Tgt Ion: 75 Resp: 63197

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.356 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013991.D

Acq: 02 Jun 2023 15:44

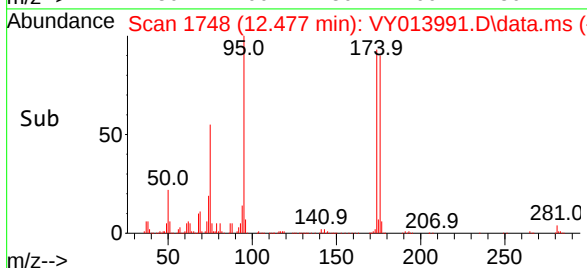
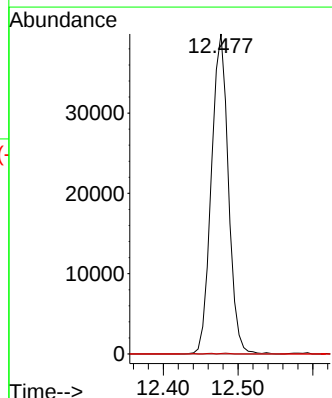
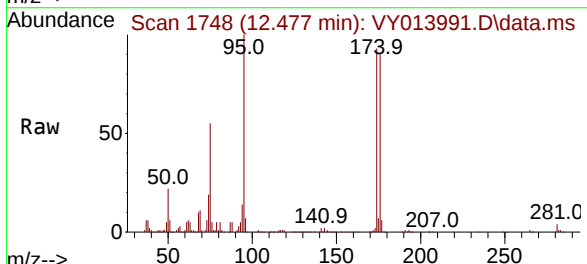
Tgt Ion: 75 Resp: 63197

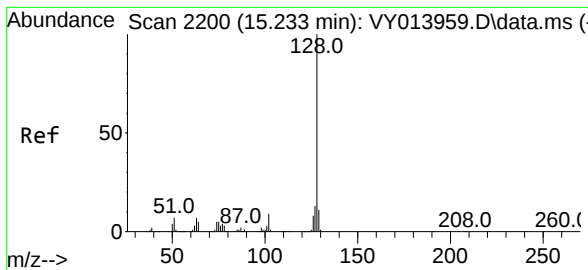
Ion Ratio Lower Upper

75 100

53 0.1 77.8 116.8#

89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 3.928 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013991.D
Acq: 02 Jun 2023 15:44

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:	128	Resp:	309
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

