

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010248.D
 Acq On : 31 Aug 2022 16:17
 Operator : KP/MD
 Sample : N4375-01
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 31 23:41:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

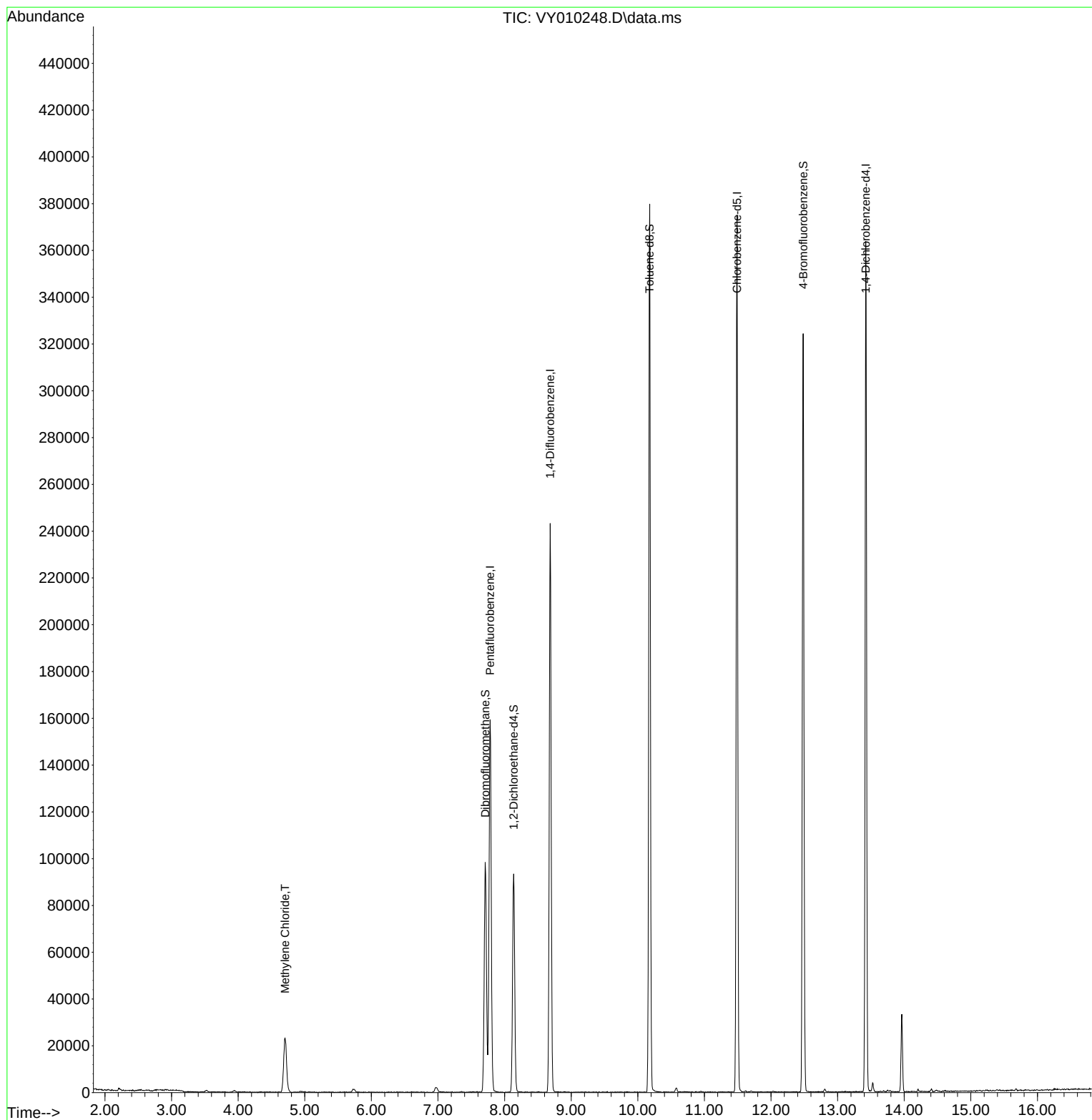
Internal Standards						
1) Pentafluorobenzene	7.783	168	136507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75642	65.537	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	131.080%	
35) Dibromofluoromethane	7.709	113	68609	54.287	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.580%	
50) Toluene-d8	10.178	98	256995	54.663	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	109.320%	
62) 4-Bromofluorobenzene	12.483	95	86540	49.424	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	98.840%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	19010	13.360	ug/l	# 79

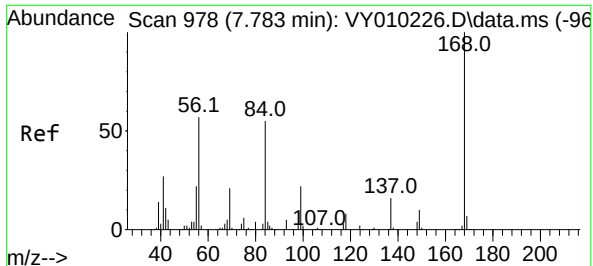
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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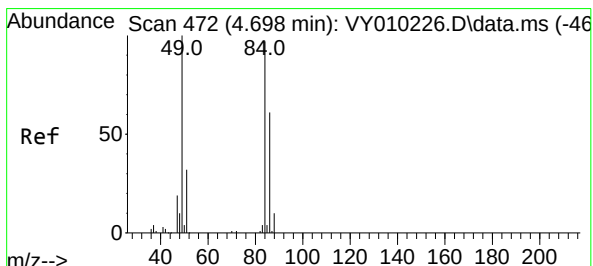
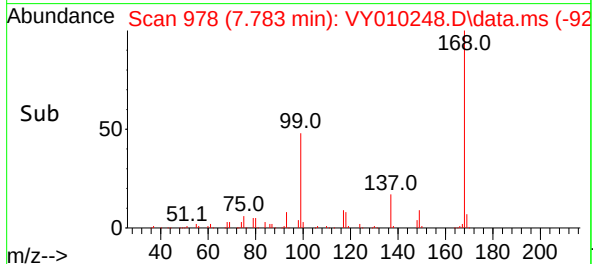
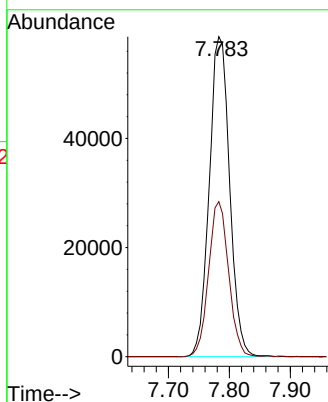
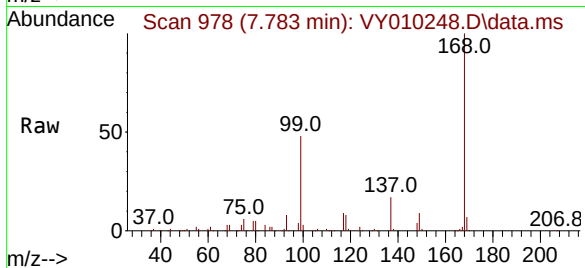




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

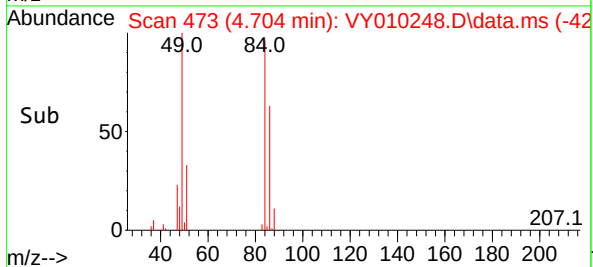
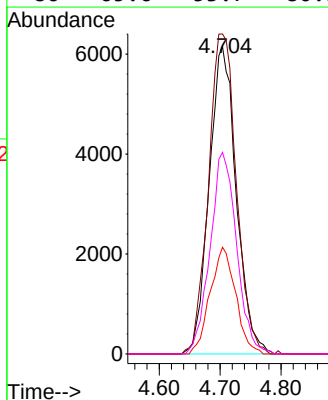
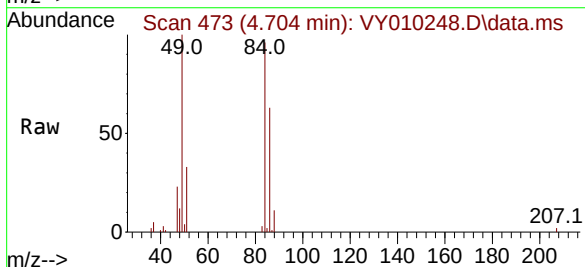
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

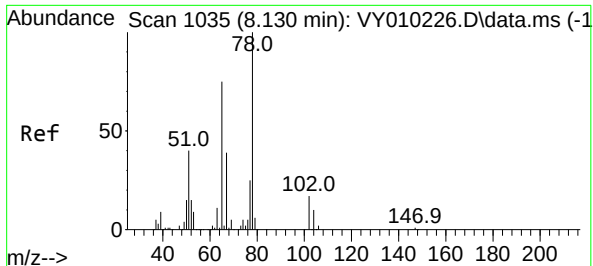
Tgt Ion:168 Resp: 136507
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#20
Methylene Chloride
Concen: 13.360 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

Tgt Ion: 84 Resp: 19010
Ion Ratio Lower Upper
84 100
49 104.2 114.4 171.6#
51 34.7 35.3 52.9#
86 65.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 65.537 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

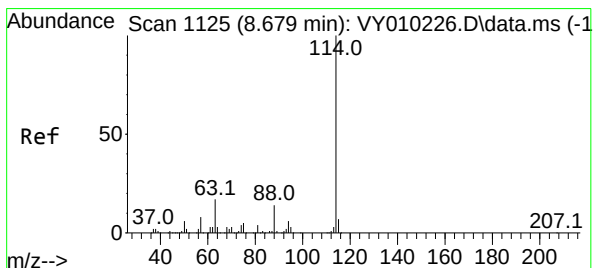
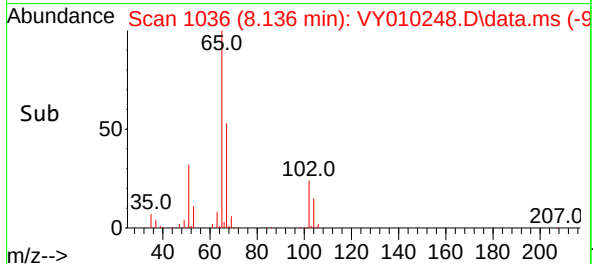
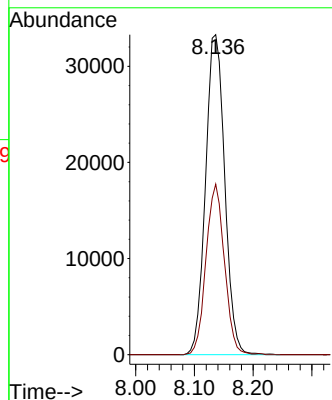
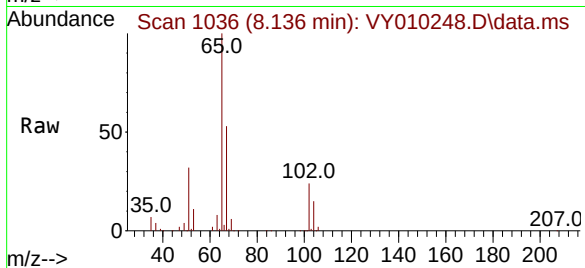
WC-1

Tgt Ion: 65 Resp: 75642

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

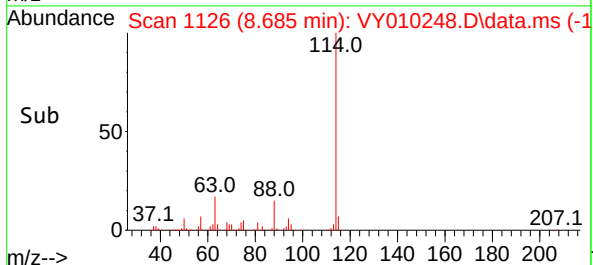
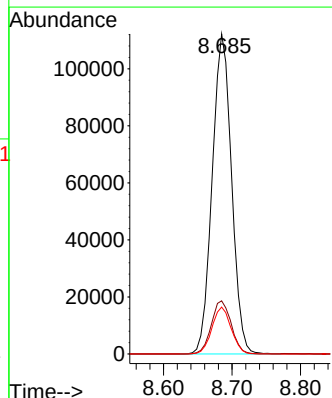
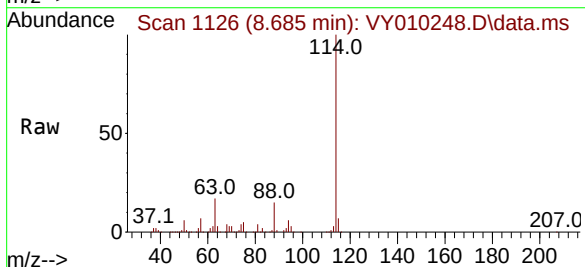
Tgt Ion: 114 Resp: 219772

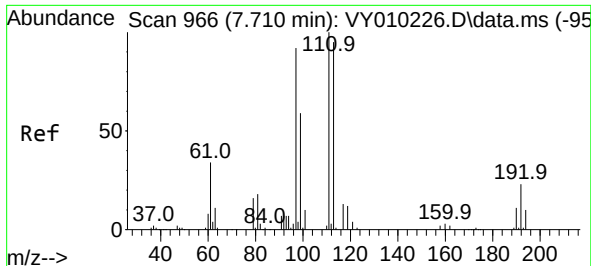
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.6 0.0 31.8

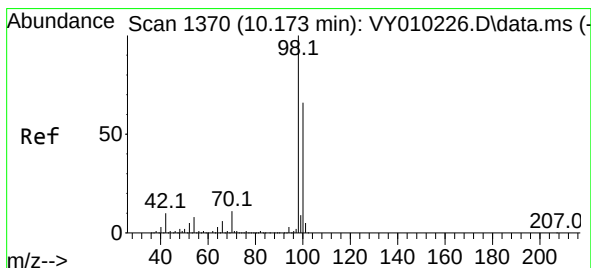
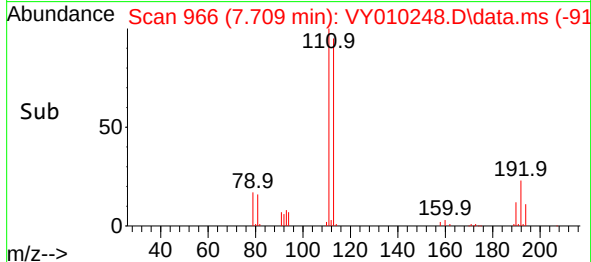
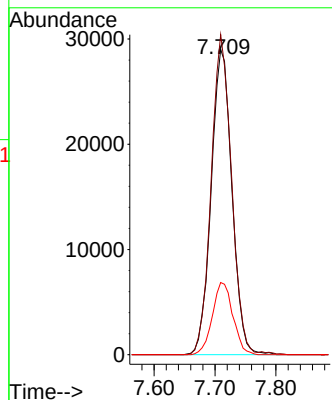
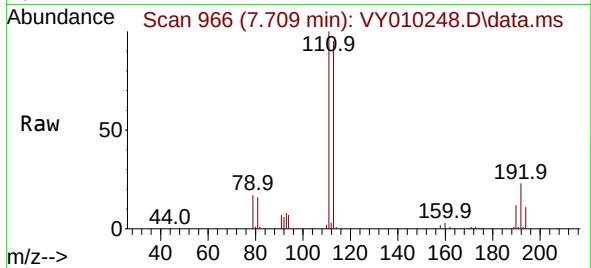




#35
 Dibromofluoromethane
 Concen: 54.287 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VY010248.D
 Acq: 31 Aug 2022 16:17

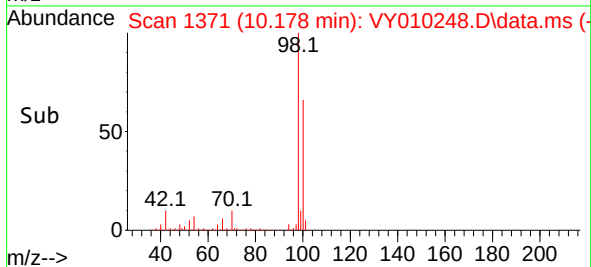
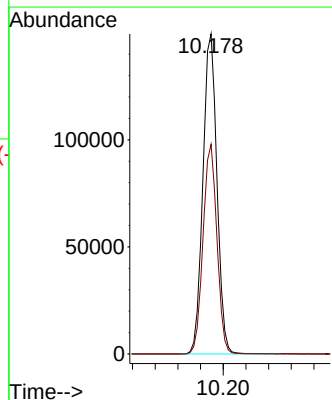
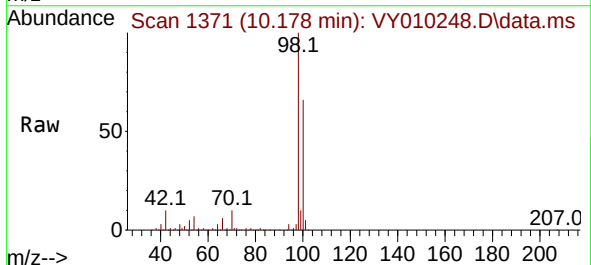
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

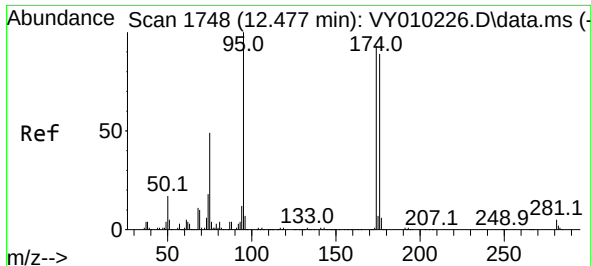
Tgt Ion:113	Resp:	68609
Ion	Ratio	Lower Upper
113	100	
111	102.3	82.6 124.0
192	23.4	17.6 26.4



#50
 Toluene-d8
 Concen: 54.663 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. 0.005 min
 Lab File: VY010248.D
 Acq: 31 Aug 2022 16:17

Tgt Ion: 98	Resp:	256995
Ion	Ratio	Lower Upper
98	100	
100	64.8	50.2 75.2





#62

4-Bromofluorobenzene

Concen: 49.424 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

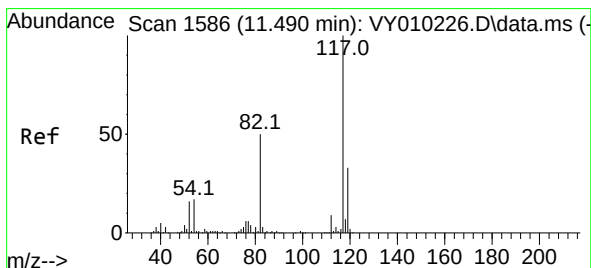
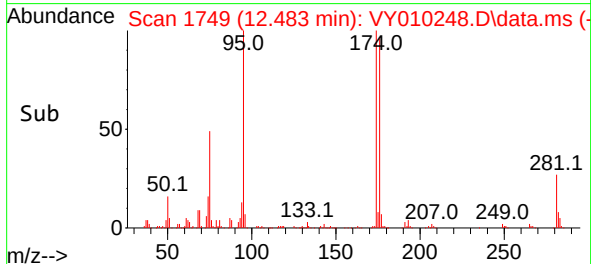
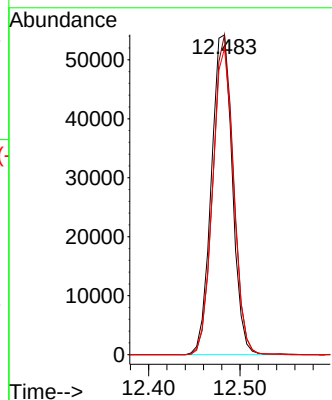
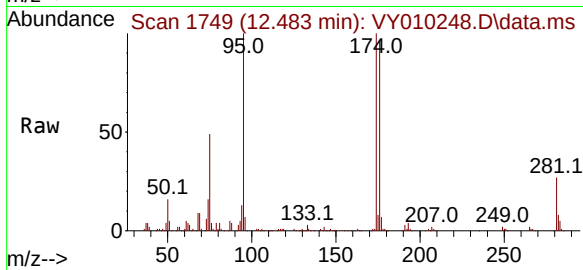
Tgt Ion: 95 Resp: 86540

Ion Ratio Lower Upper

95 100

174 98.3 0.0 177.0

176 95.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

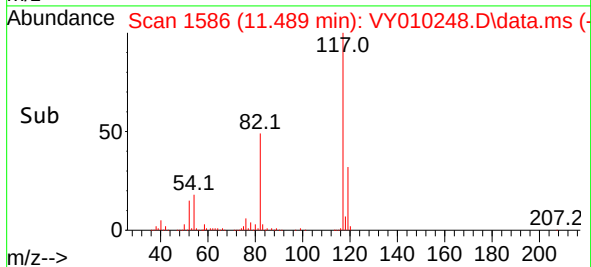
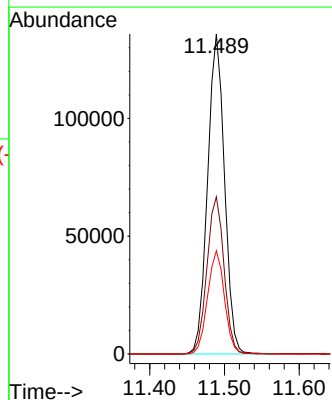
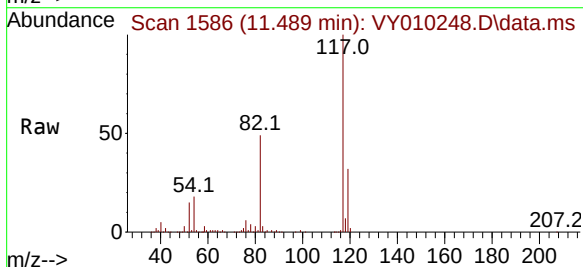
Tgt Ion: 117 Resp: 213134

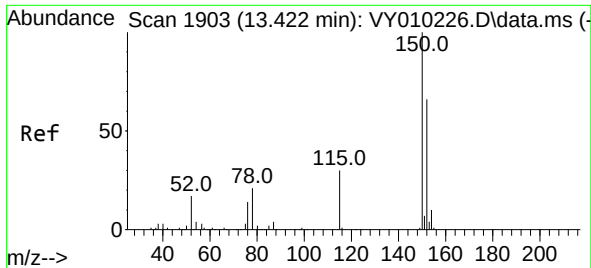
Ion Ratio Lower Upper

117 100

82 49.1 43.0 64.4

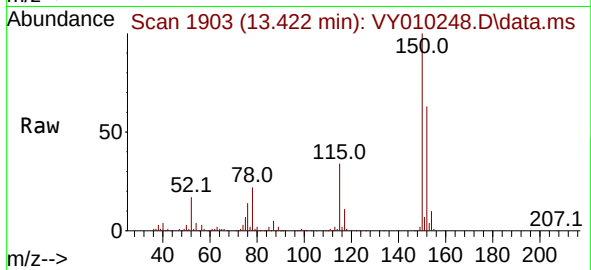
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010248.D
 Acq: 31 Aug 2022 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 102524
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 157.0 0.0 347.6

