

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010513.D
 Acq On : 15 Sep 2022 16:02
 Operator : KP/MD
 Sample : N4634-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 16 02:56:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

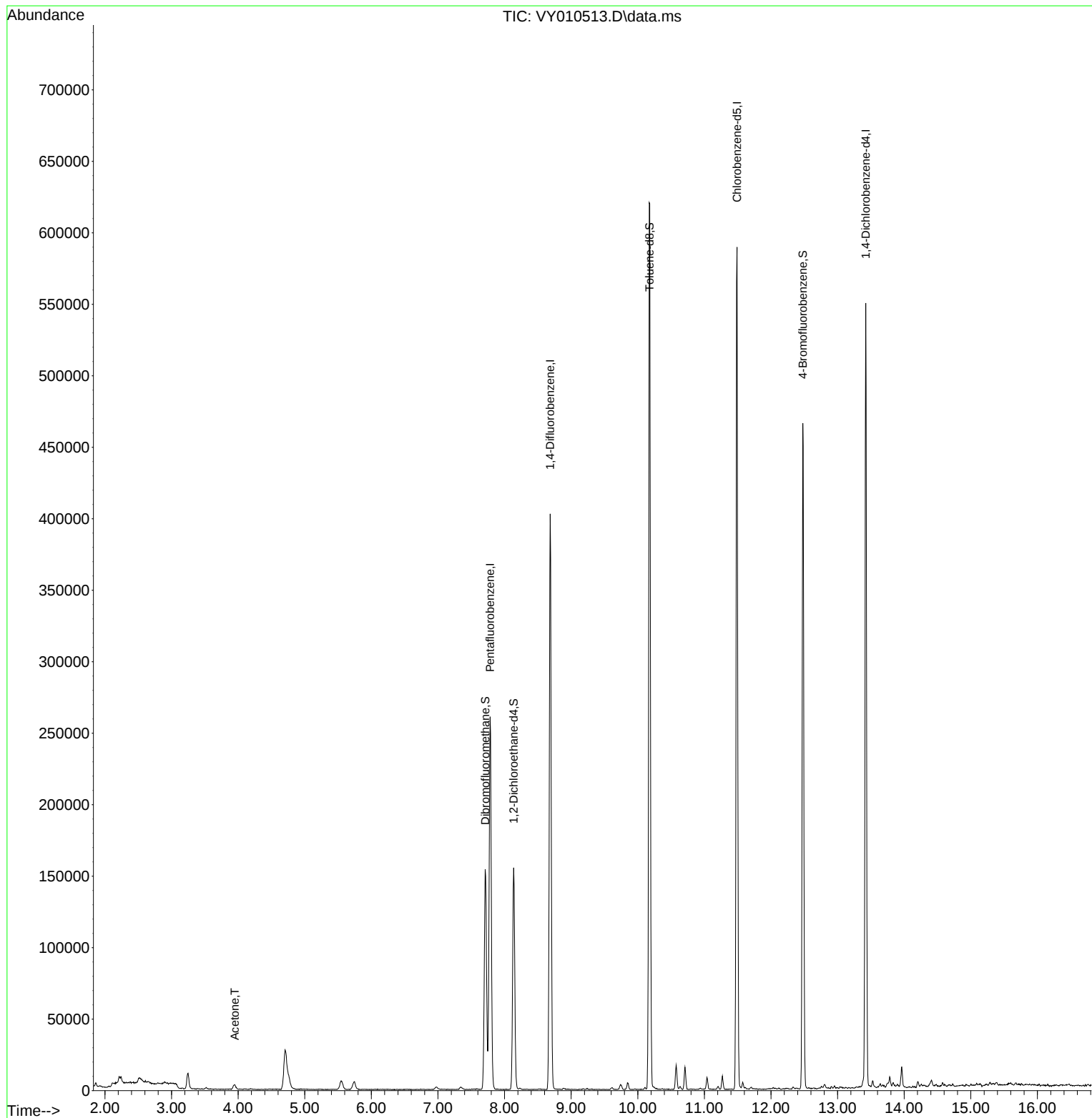
Internal Standards						
1) Pentafluorobenzene	7.783	168	205843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121152	58.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.710	113	109167	43.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.320%
50) Toluene-d8	10.179	98	417557	51.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.477	95	142172	43.455	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.900%
Target Compounds						
16) Acetone	3.948	43	6192	13.015	ug/l	Qvalue 95

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

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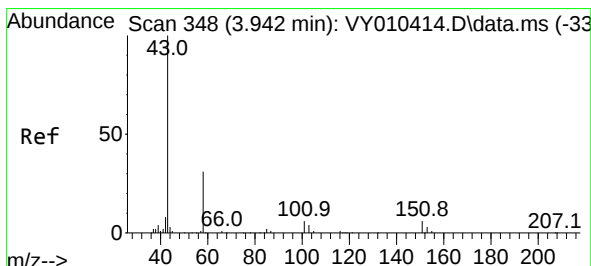
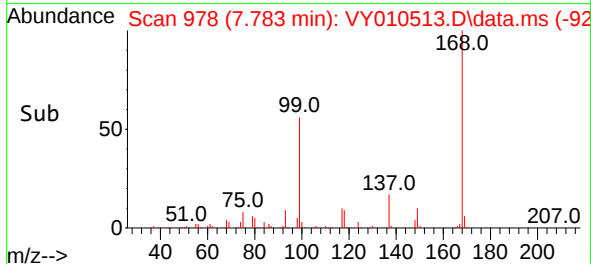
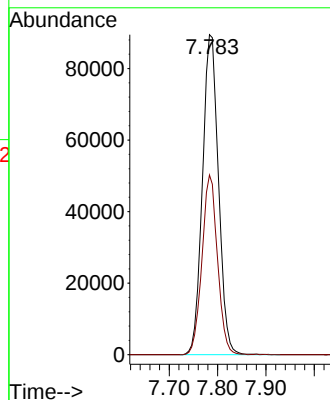
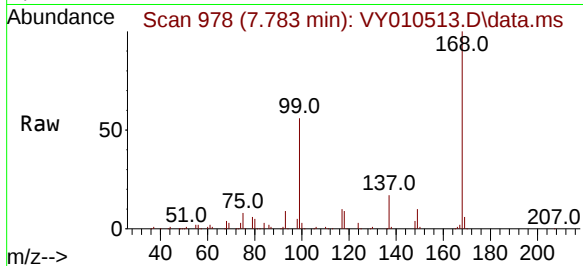




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010513.D
Acq: 15 Sep 2022 16:02

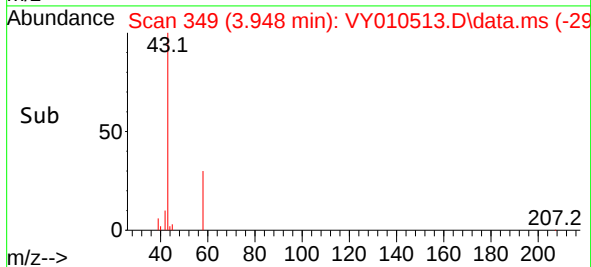
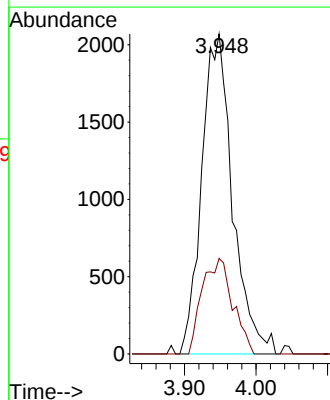
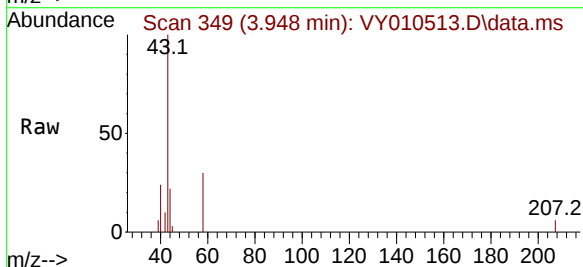
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

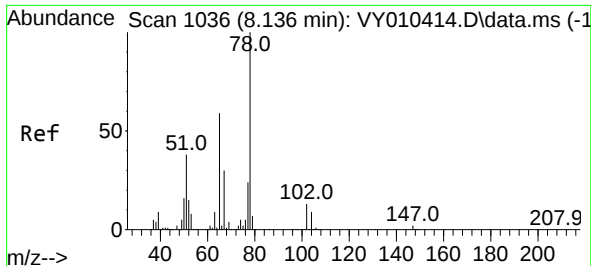
Tgt Ion:168 Resp: 205843
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#16
Acetone
Concen: 13.015 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010513.D
Acq: 15 Sep 2022 16:02

Tgt Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 58.438 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010513.D

Acq: 15 Sep 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

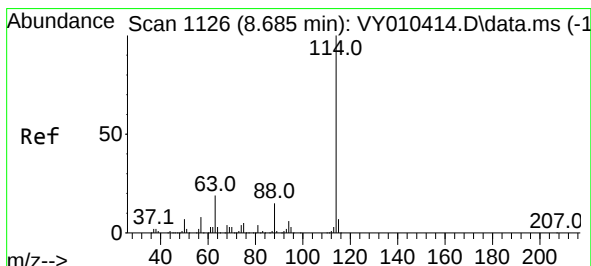
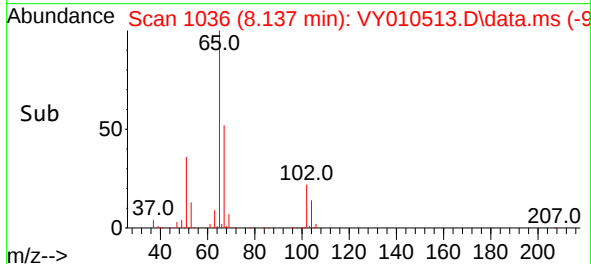
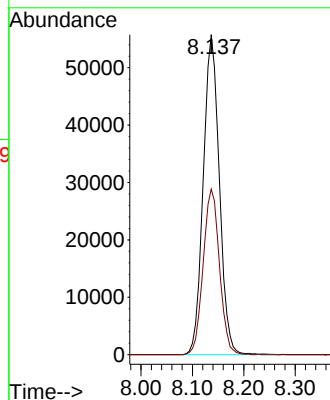
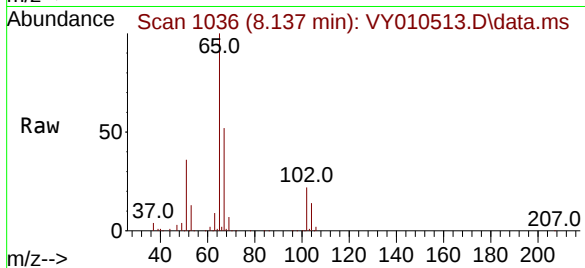
WC-1

Tgt Ion: 65 Resp: 121152

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010513.D

Acq: 15 Sep 2022 16:02

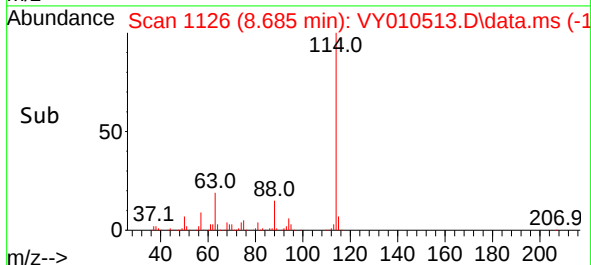
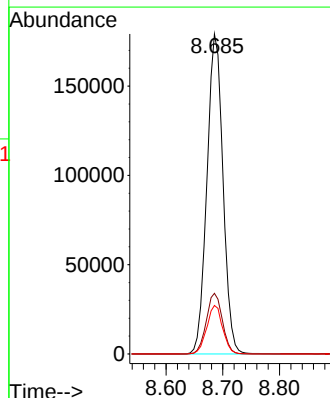
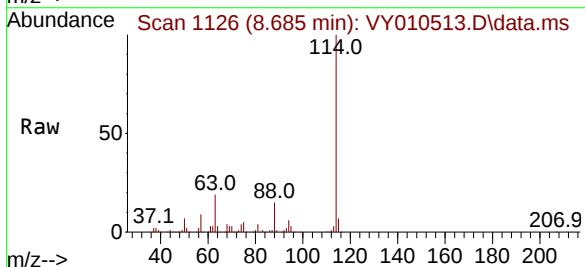
Tgt Ion: 114 Resp: 352073

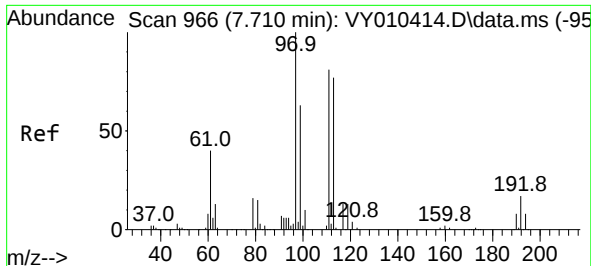
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.1 0.0 31.8

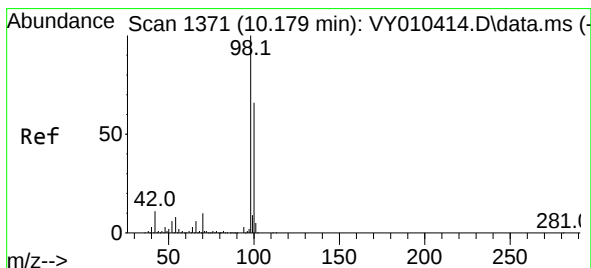
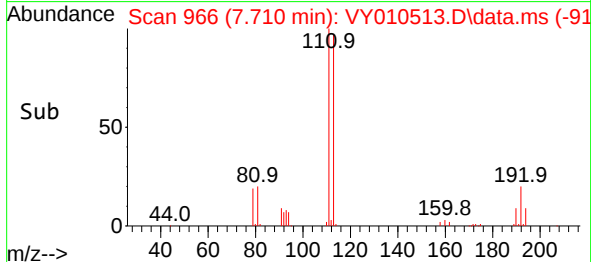
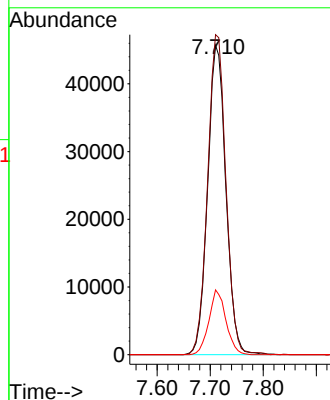
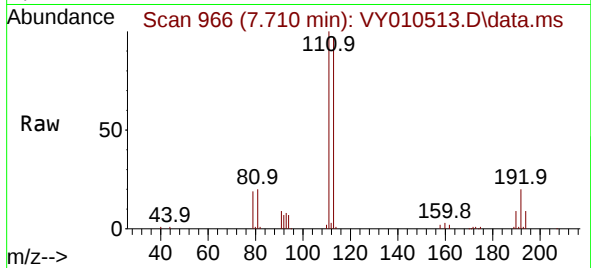




#35
Dibromofluoromethane
Concen: 43.659 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010513.D
Acq: 15 Sep 2022 16:02

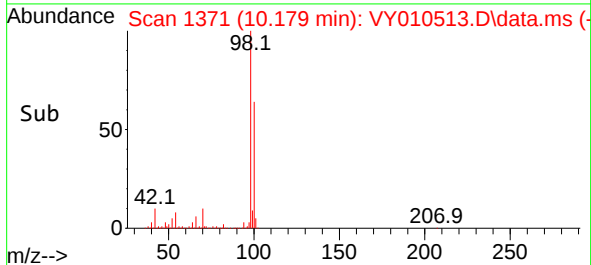
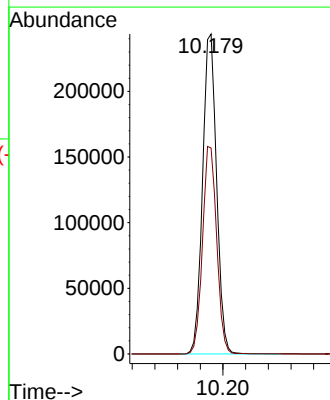
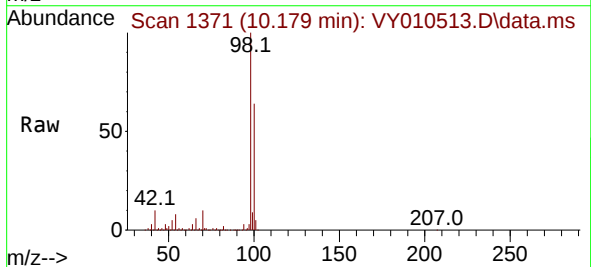
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

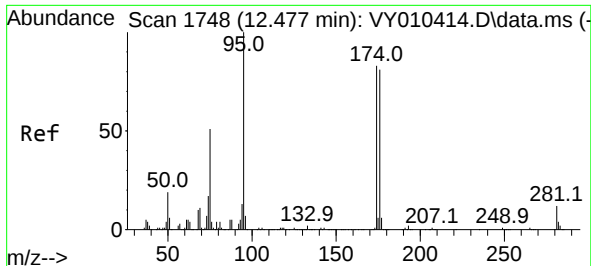
Tgt Ion:113 Resp: 109167
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 51.526 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010513.D
Acq: 15 Sep 2022 16:02

Tgt Ion: 98 Resp: 417557
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

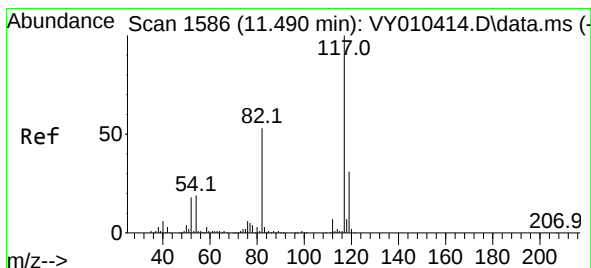
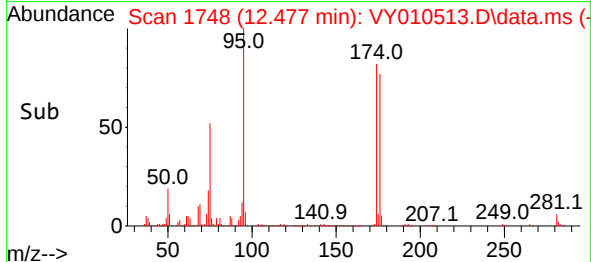
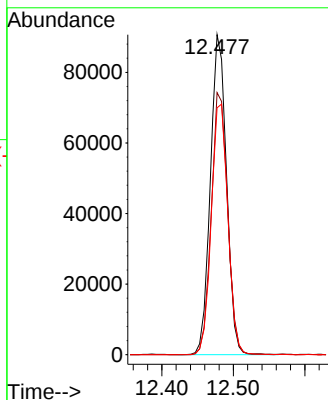
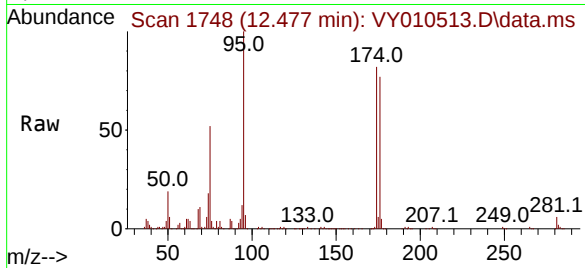




#62
4-Bromofluorobenzene
Concen: 43.455 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010513.D
Acq: 15 Sep 2022 16:02

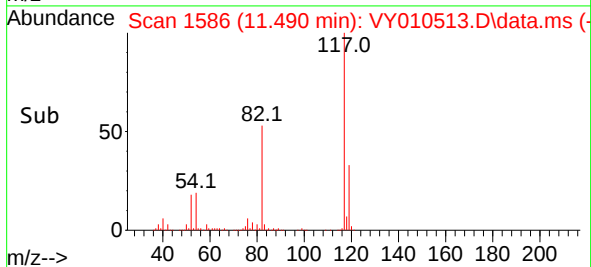
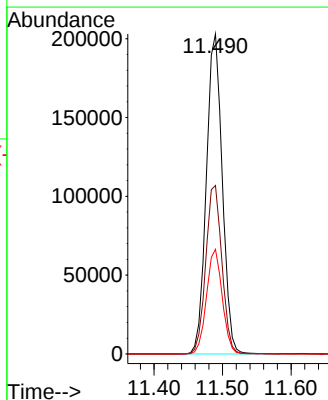
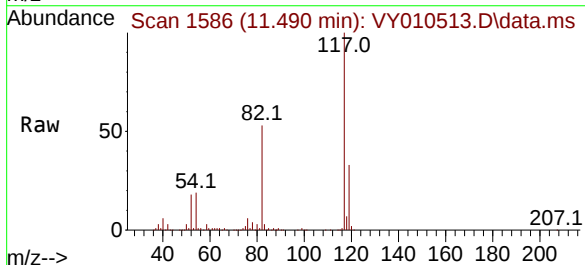
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

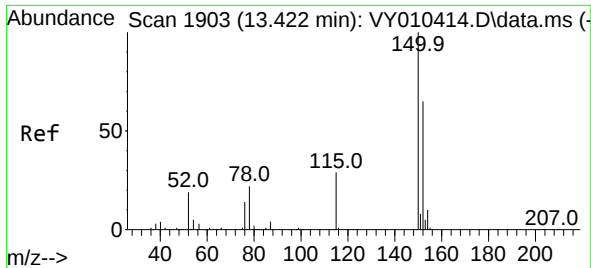
Tgt Ion: 95 Resp: 142172
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010513.D
Acq: 15 Sep 2022 16:02

Tgt Ion: 117 Resp: 328220
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.7 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: VY010513.D

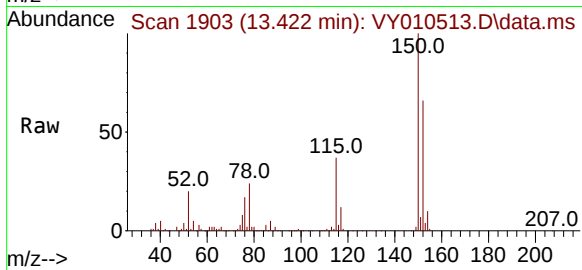
Acq: 15 Sep 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 144824

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 154.0 0.0 347.6

