

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010127.D
 Acq On : 20 Aug 2022 01:39
 Operator : KP/MD
 Sample : N4142-01
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-NORTH

Quant Time: Aug 22 02:51:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

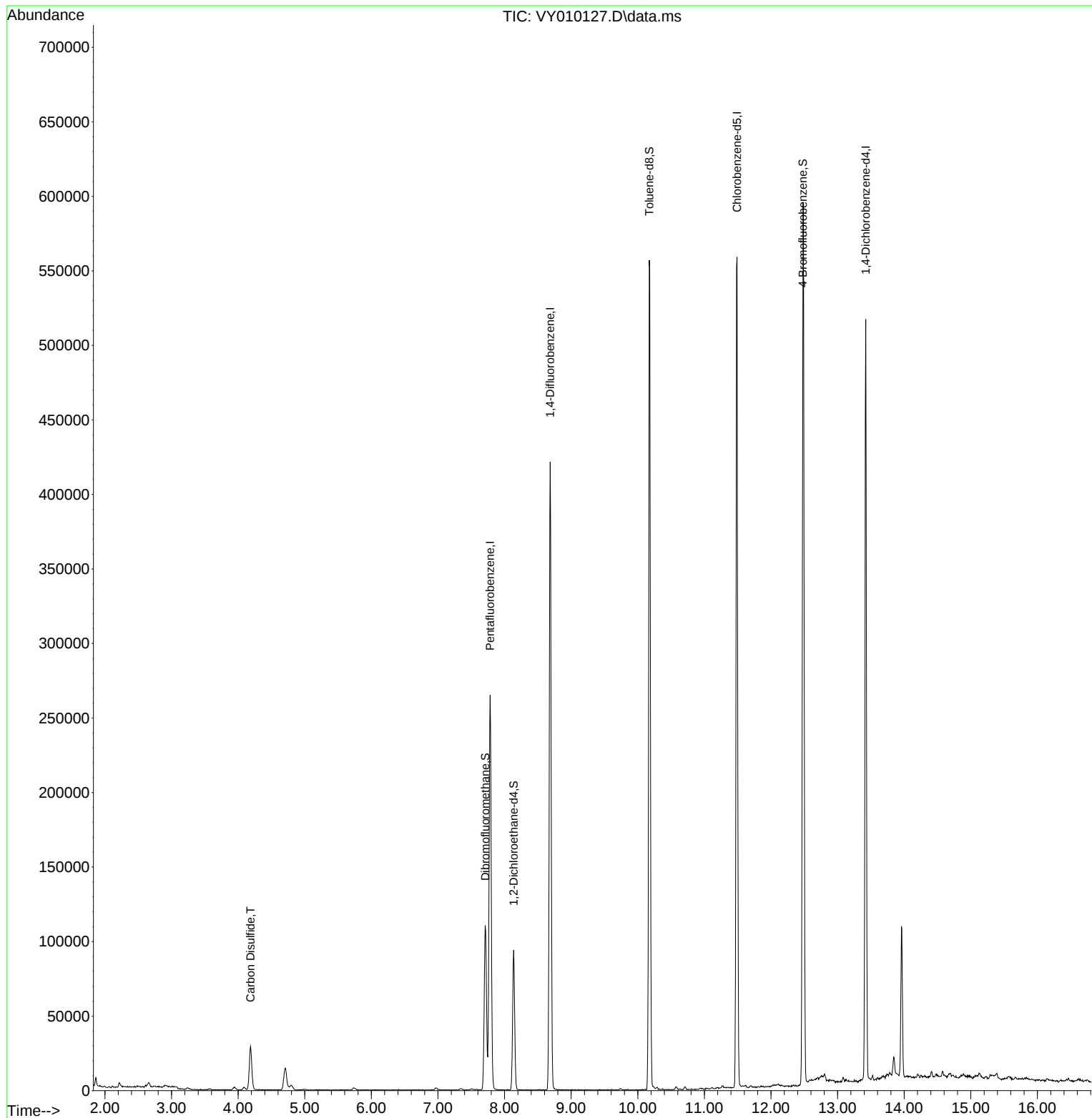
Internal Standards						
1) Pentafluorobenzene	7.783	168	216115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68204	38.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.060%
35) Dibromofluoromethane	7.710	113	82450	38.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.400%
50) Toluene-d8	10.173	98	381554	47.797	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.477	95	109044	38.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.460%
Target Compounds						
17) Carbon Disulfide	4.186	76	59700	9.442	ug/l	Qvalue 99

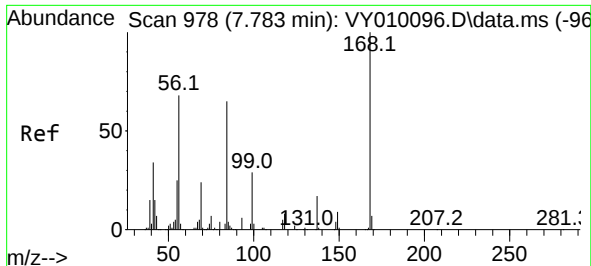
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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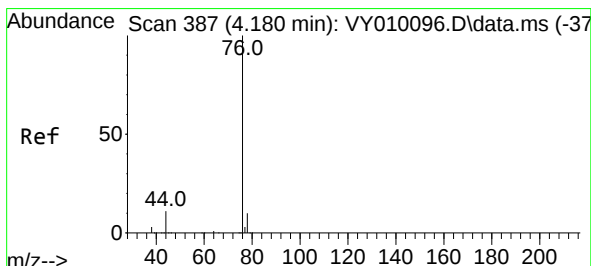
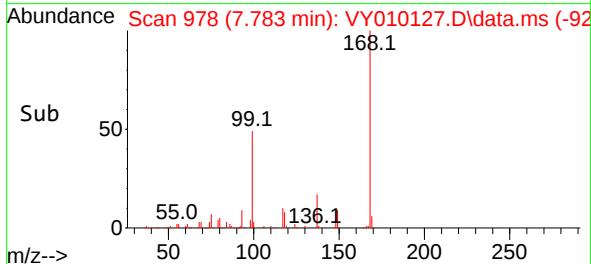
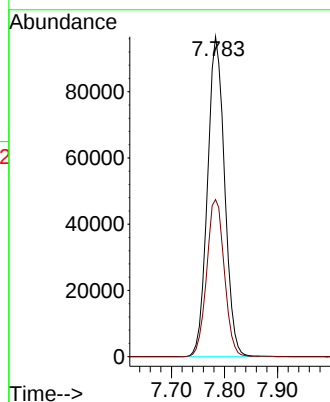
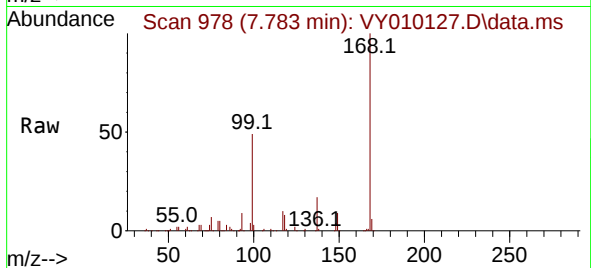




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010127.D
Acq: 20 Aug 2022 01:39

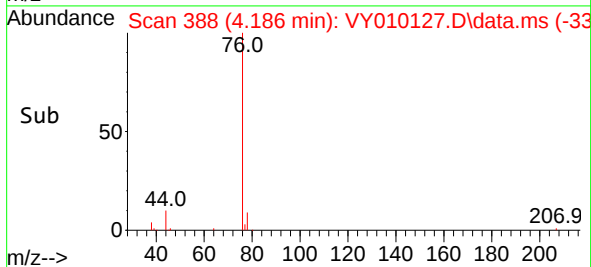
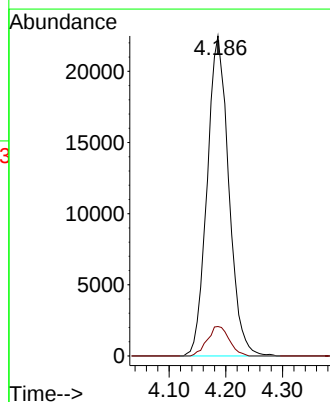
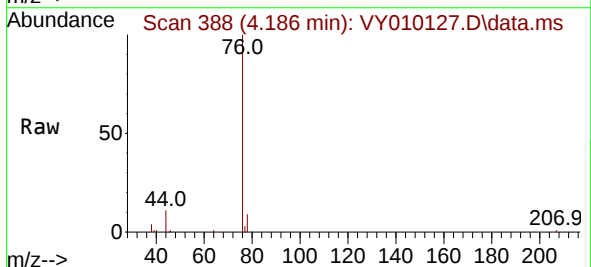
Instrument :
MSVOA_Y
ClientSampleId :
UST-NORTH

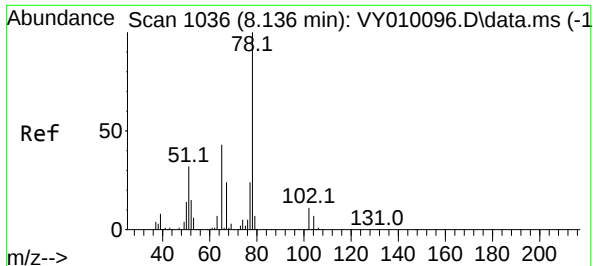
Tgt Ion:168 Resp: 216115
Ion Ratio Lower Upper
168 100
99 49.1 40.7 61.1



#17
Carbon Disulfide
Concen: 9.442 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010127.D
Acq: 20 Aug 2022 01:39

Tgt Ion: 76 Resp: 59700
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5





#33

1,2-Dichloroethane-d4

Concen: 38.529 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010127.D

Acq: 20 Aug 2022 01:39

Instrument :

MSVOA_Y

ClientSampleId :

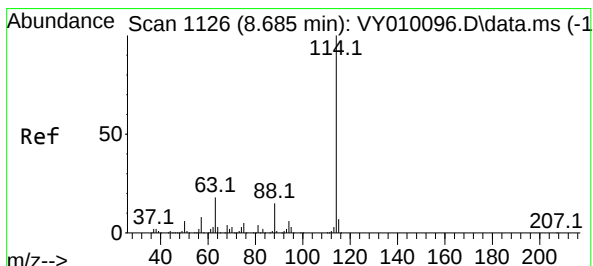
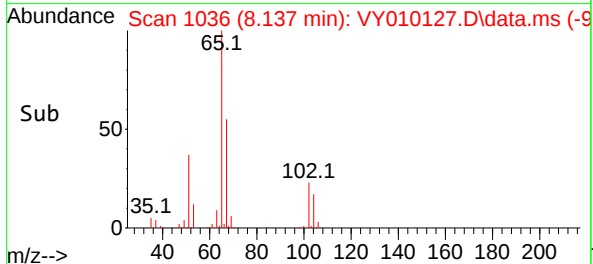
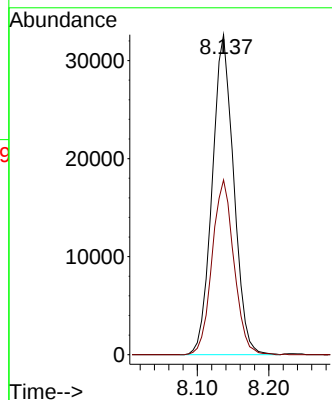
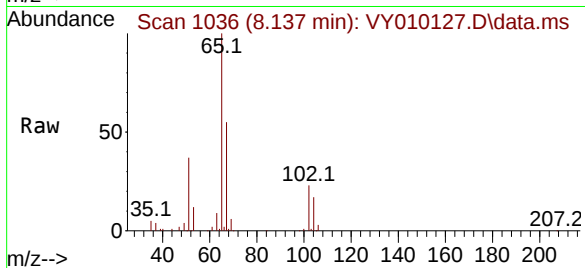
UST-NORTH

Tgt Ion: 65 Resp: 68204

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010127.D

Acq: 20 Aug 2022 01:39

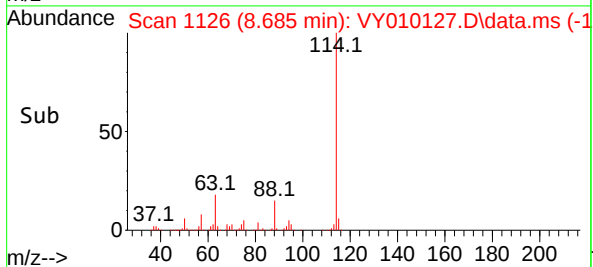
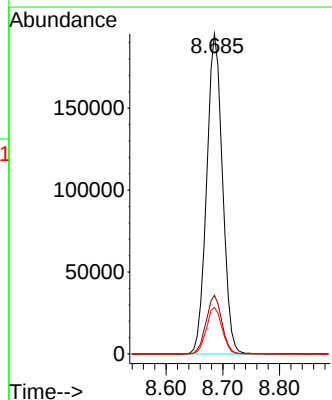
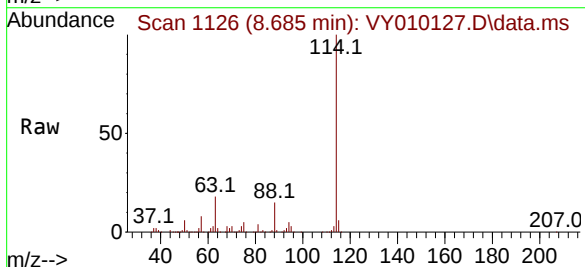
Tgt Ion: 114 Resp: 378079

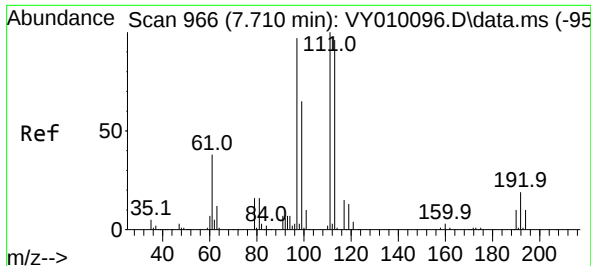
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.5 0.0 29.6

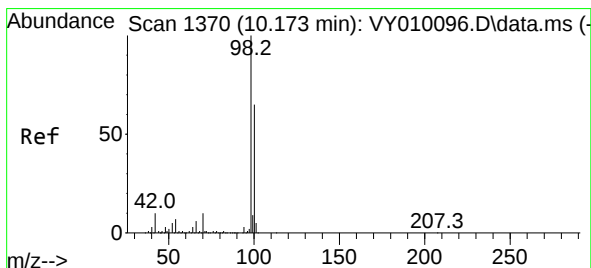
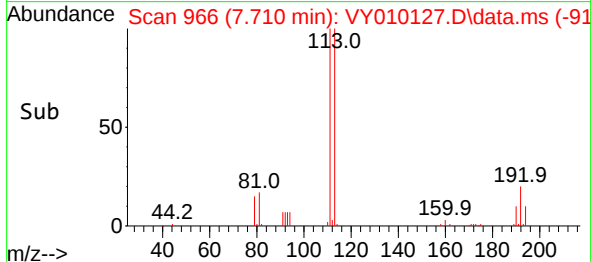
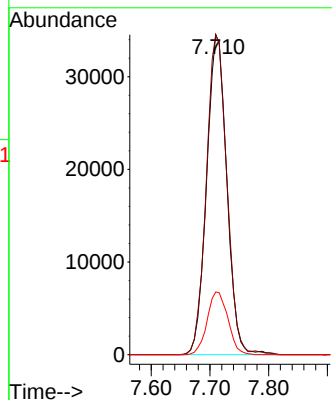
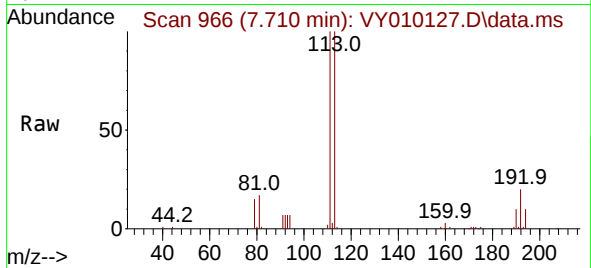




#35
Dibromofluoromethane
Concen: 38.702 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010127.D
Acq: 20 Aug 2022 01:39

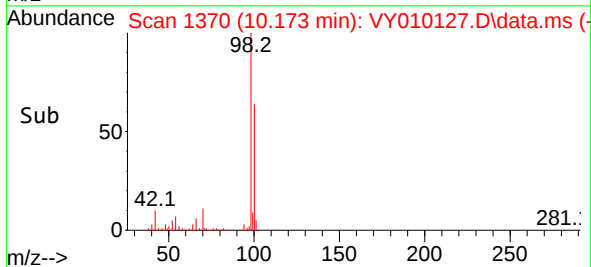
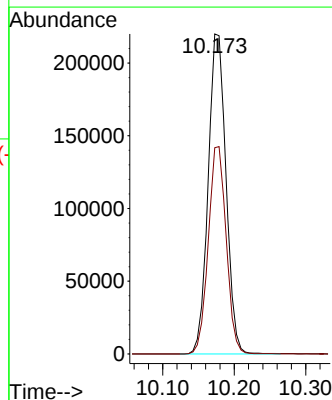
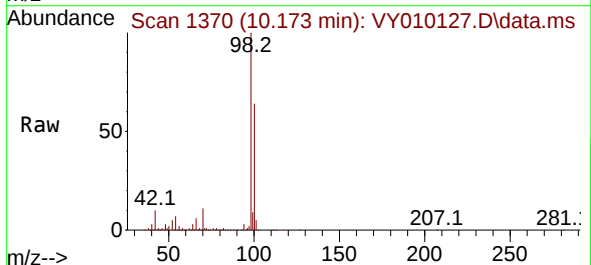
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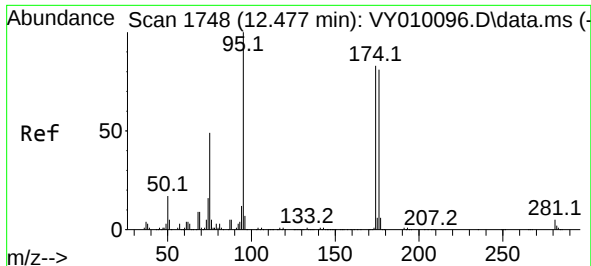
Tgt Ion:113 Resp: 82450
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 20.1 16.3 24.5



#50
Toluene-d8
Concen: 47.797 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010127.D
Acq: 20 Aug 2022 01:39

Tgt Ion: 98 Resp: 381554
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

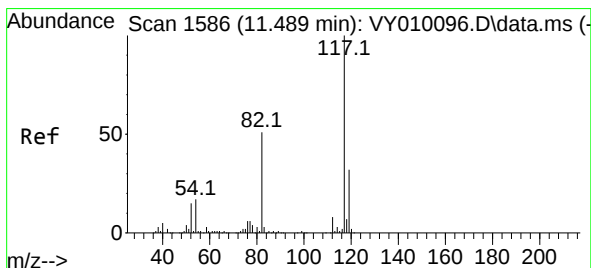
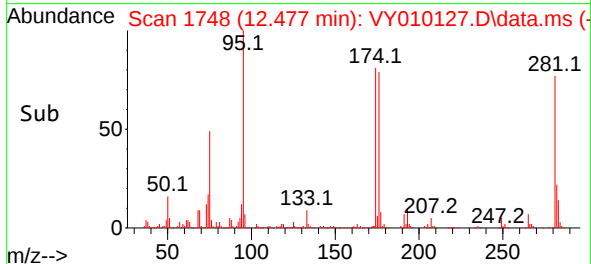
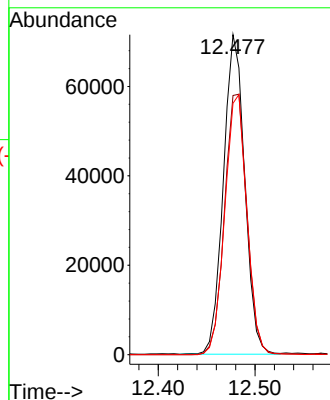
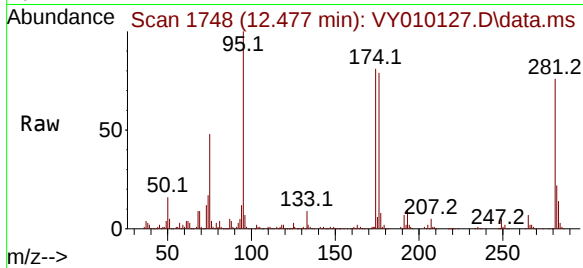




#62
4-Bromofluorobenzene
Concen: 38.231 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010127.D
Acq: 20 Aug 2022 01:39

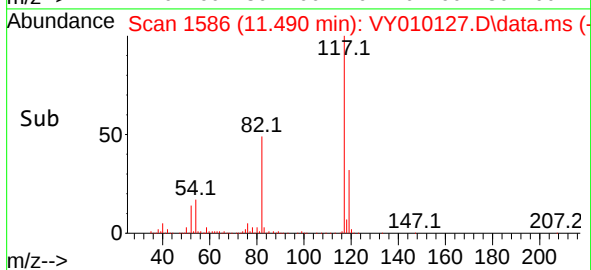
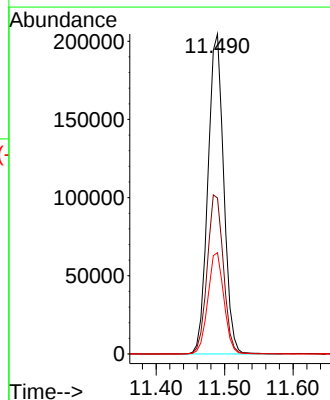
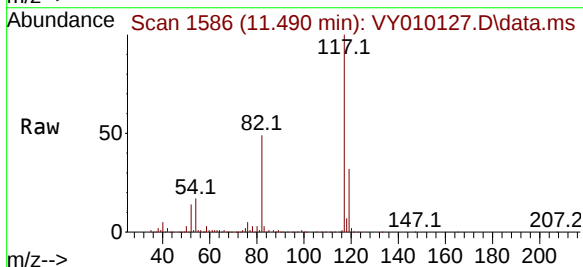
Instrument :
MSVOA_Y
ClientSampleId :
UST-NORTH

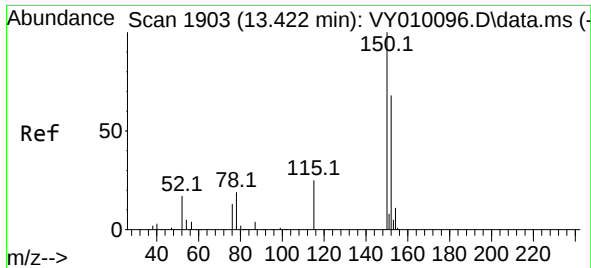
Tgt Ion: 95 Resp: 109044
Ion Ratio Lower Upper
95 100
174 86.2 0.0 173.8
176 84.4 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010127.D
Acq: 20 Aug 2022 01:39

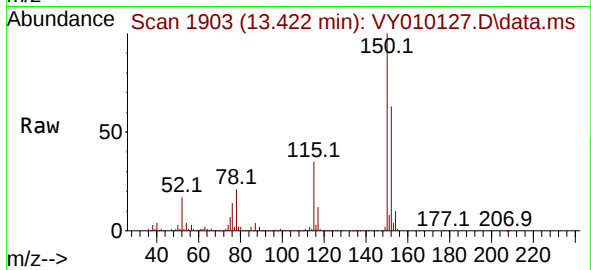
Tgt Ion: 117 Resp: 328755
Ion Ratio Lower Upper
117 100
82 48.7 40.6 61.0
119 31.7 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010127.D
 Acq: 20 Aug 2022 01:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-NORTH



Tgt Ion:152 Resp: 136964
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.1 84.2
 150 158.2 0.0 346.2

