

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014431.D
 Acq On : 26 Jun 2023 14:06
 Operator : KP/MD
 Sample : 03398-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 27 01:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

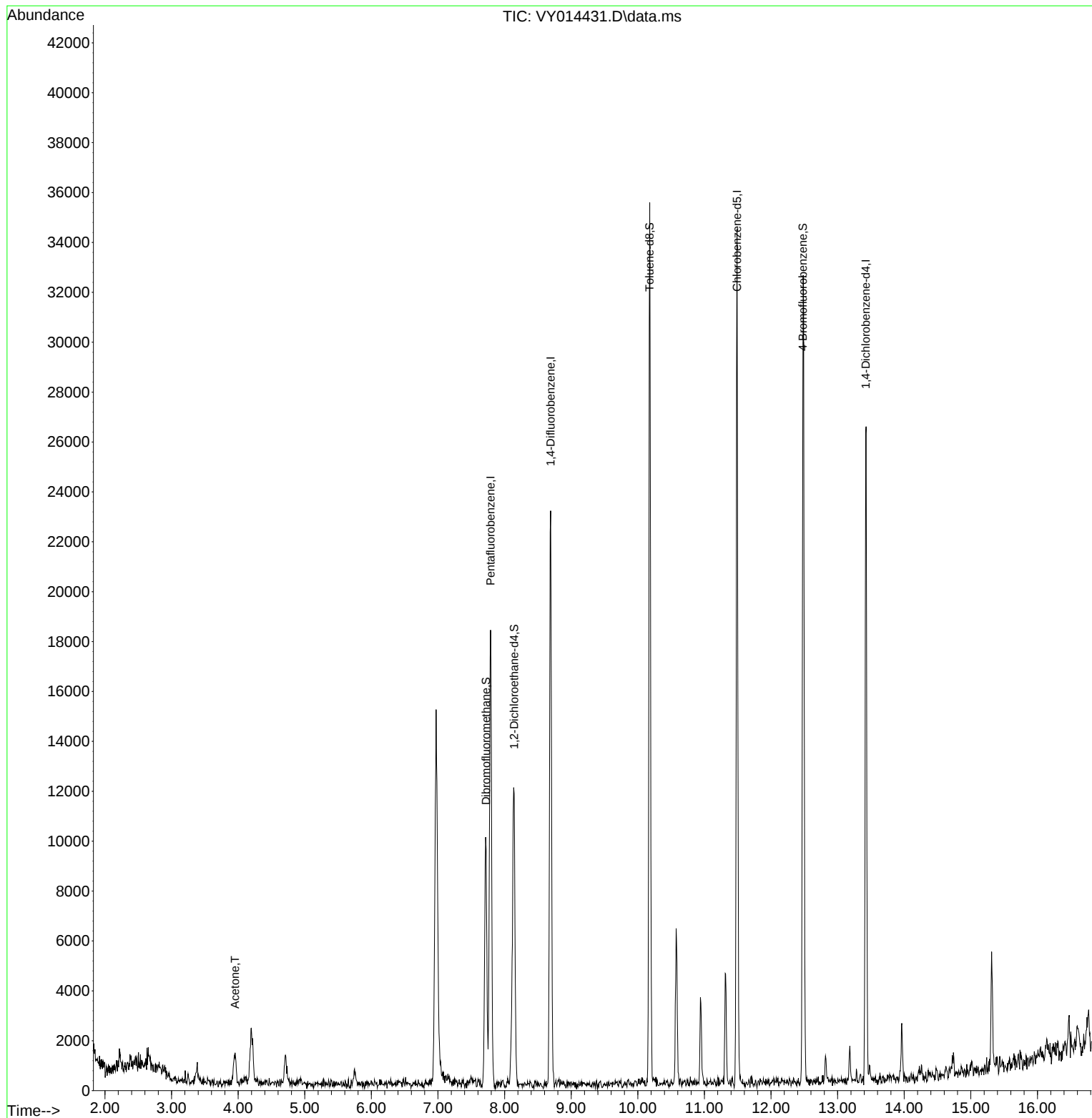
Internal Standards						
1) Pentafluorobenzene	7.789	168	14971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9498	51.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.200%
35) Dibromofluoromethane	7.722	113	6800	52.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.500%
50) Toluene-d8	10.179	98	23576	46.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.477	95	6462	35.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.640%
Target Compounds						
16) Acetone	3.954	43	2289	39.135	ug/l	Qvalue # 77

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

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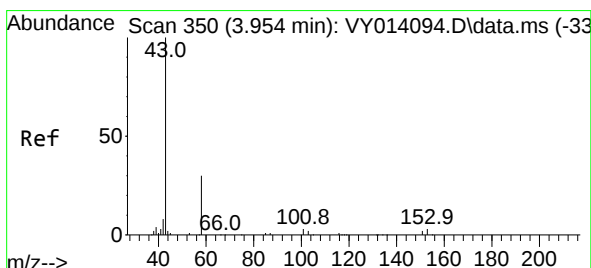
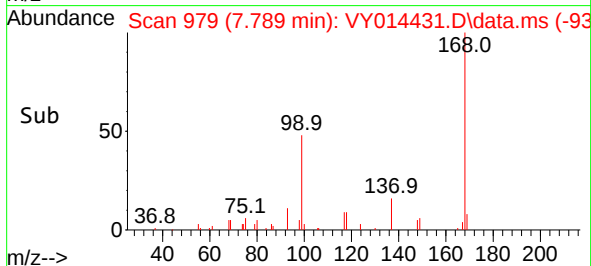
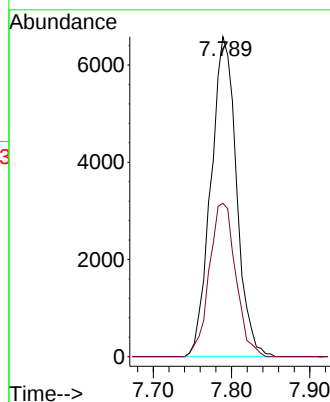
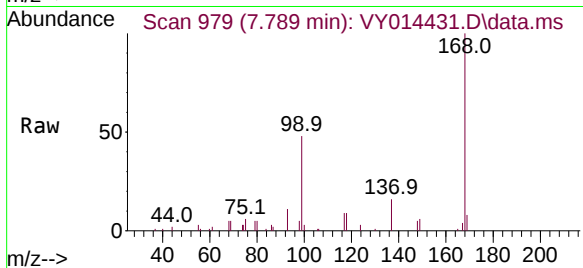




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014431.D
Acq: 26 Jun 2023 14:06

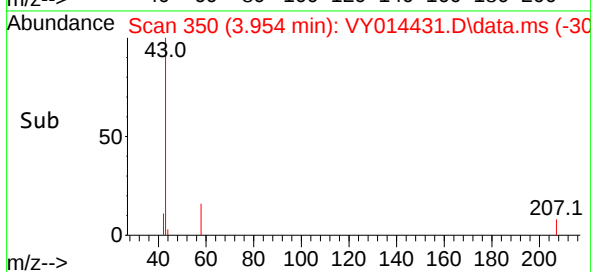
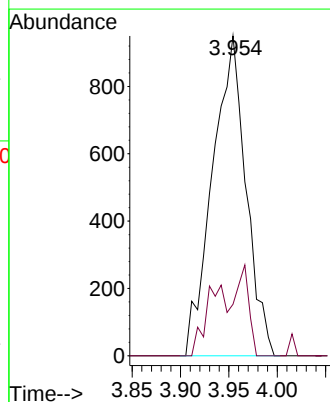
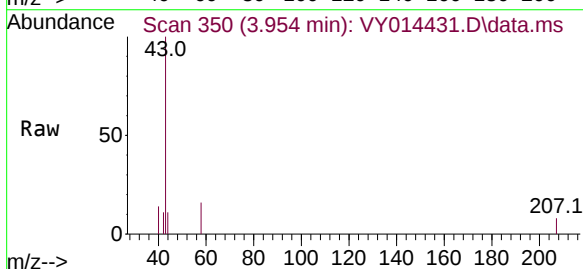
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 14971
Ion Ratio Lower Upper
168 100
99 47.9 43.4 65.0



#16
Acetone
Concen: 39.135 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014431.D
Acq: 26 Jun 2023 14:06

Tgt Ion: 43 Resp: 2289
Ion Ratio Lower Upper
43 100
58 16.1 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 51.098 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014431.D

Acq: 26 Jun 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

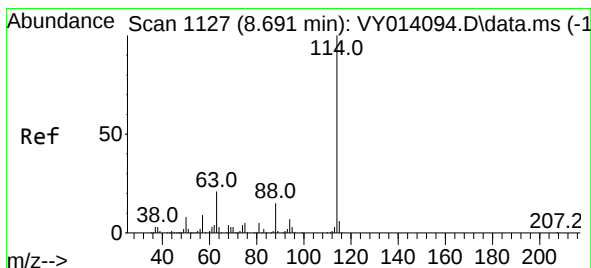
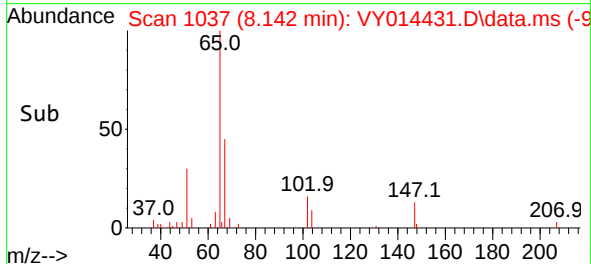
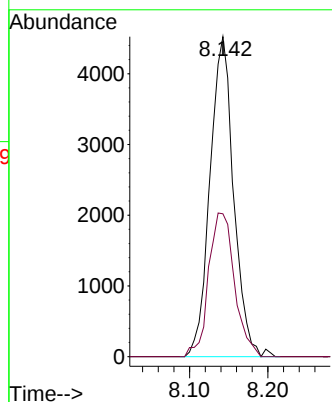
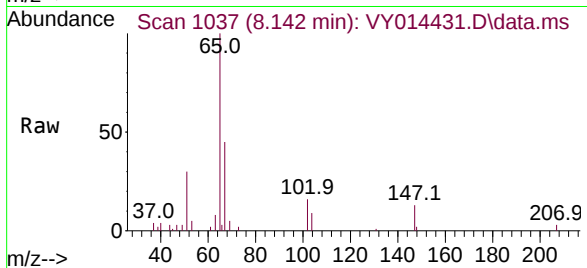
WC-1

Tgt Ion: 65 Resp: 9498

Ion Ratio Lower Upper

65 100

67 49.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014431.D

Acq: 26 Jun 2023 14:06

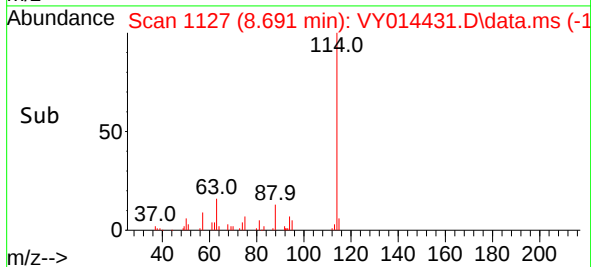
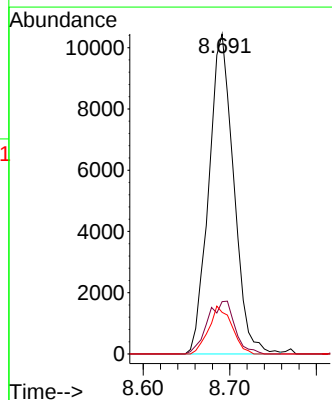
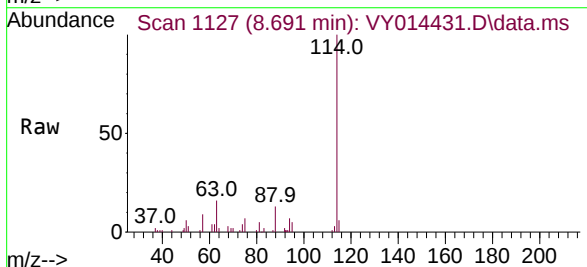
Tgt Ion: 114 Resp: 20866

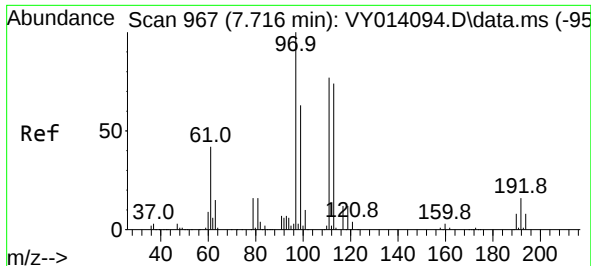
Ion Ratio Lower Upper

114 100

63 16.4 0.0 42.4

88 13.0 0.0 30.6

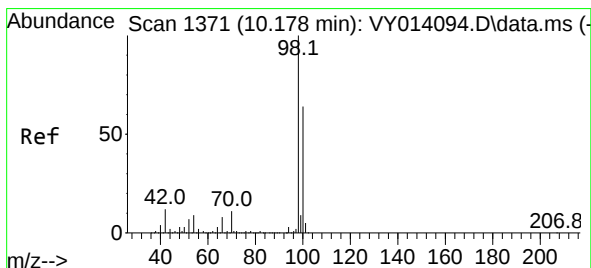
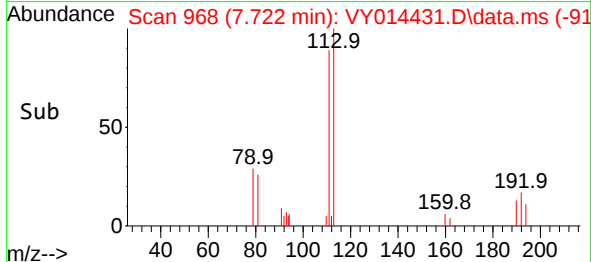
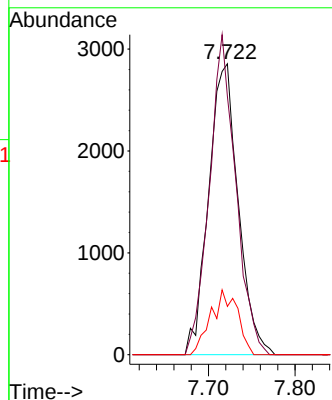
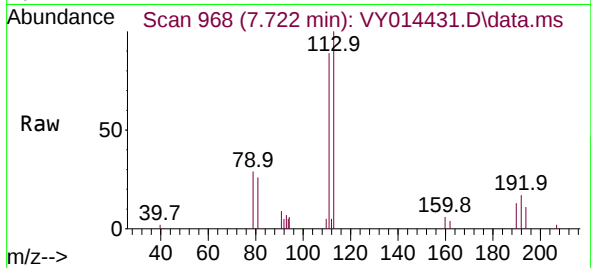




#35
Dibromofluoromethane
Concen: 52.748 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014431.D
Acq: 26 Jun 2023 14:06

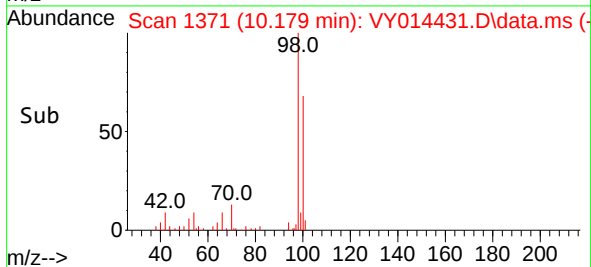
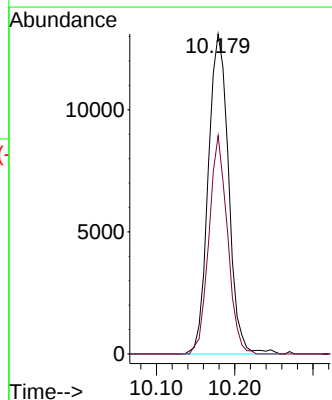
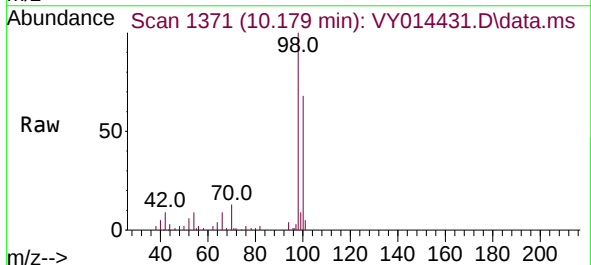
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

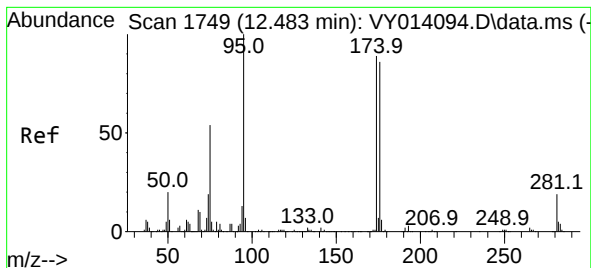
Tgt Ion:113 Resp: 6800
Ion Ratio Lower Upper
113 100
111 97.9 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014431.D
Acq: 26 Jun 2023 14:06

Tgt Ion: 98 Resp: 23576
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

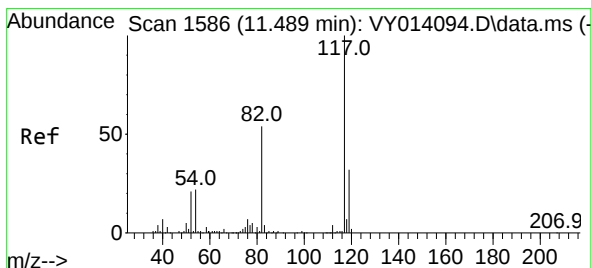
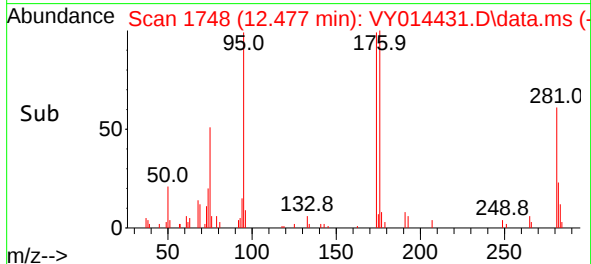
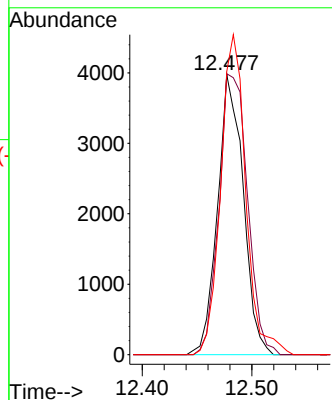
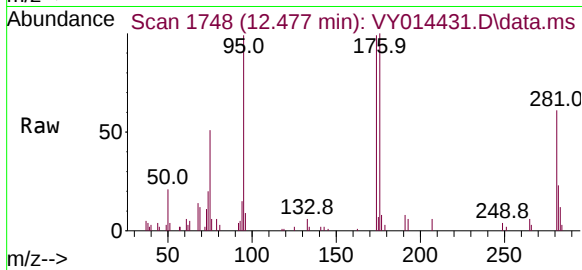




#62
4-Bromofluorobenzene
Concen: 35.322 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014431.D
Acq: 26 Jun 2023 14:06

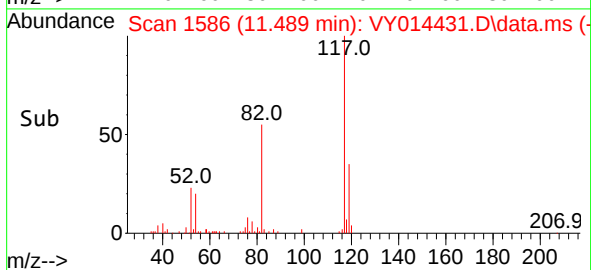
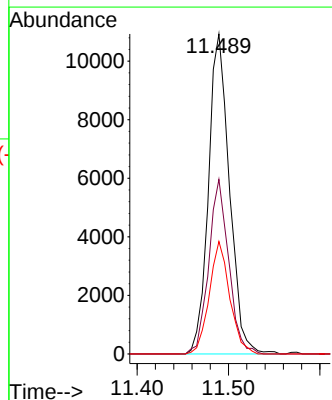
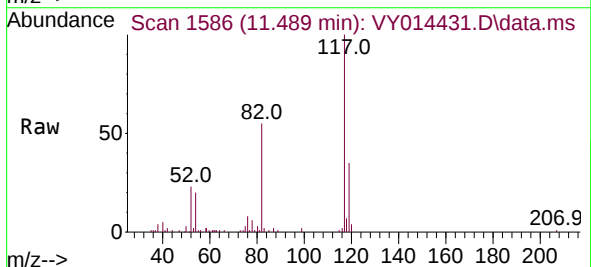
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

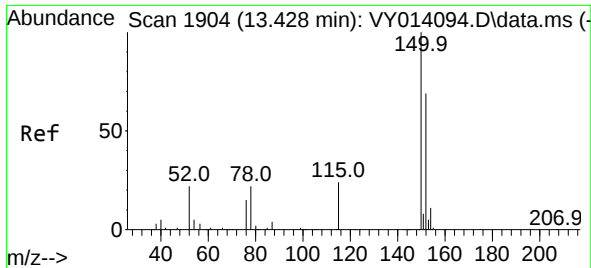
Tgt Ion: 95 Resp: 6462
Ion Ratio Lower Upper
95 100
174 111.3 0.0 178.2
176 112.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014431.D
Acq: 26 Jun 2023 14:06

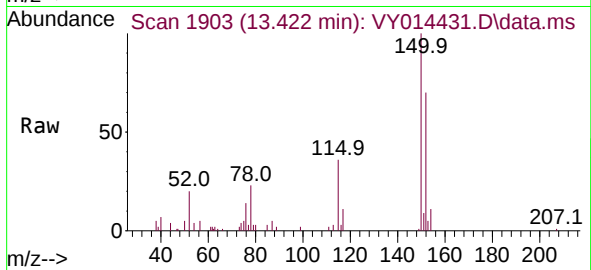
Tgt Ion: 117 Resp: 17487
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 35.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014431.D
 Acq: 26 Jun 2023 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:	152	Resp:	7671
Ion Ratio	Lower	Upper	
152	100		
115	54.4	28.8	86.5
150	155.3	0.0	348.8

