

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014588.D
 Acq On : 06 Jul 2023 15:06
 Operator : KP/MD
 Sample : 03523-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WALDWICK-COMP

Quant Time: Jul 07 06:14:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

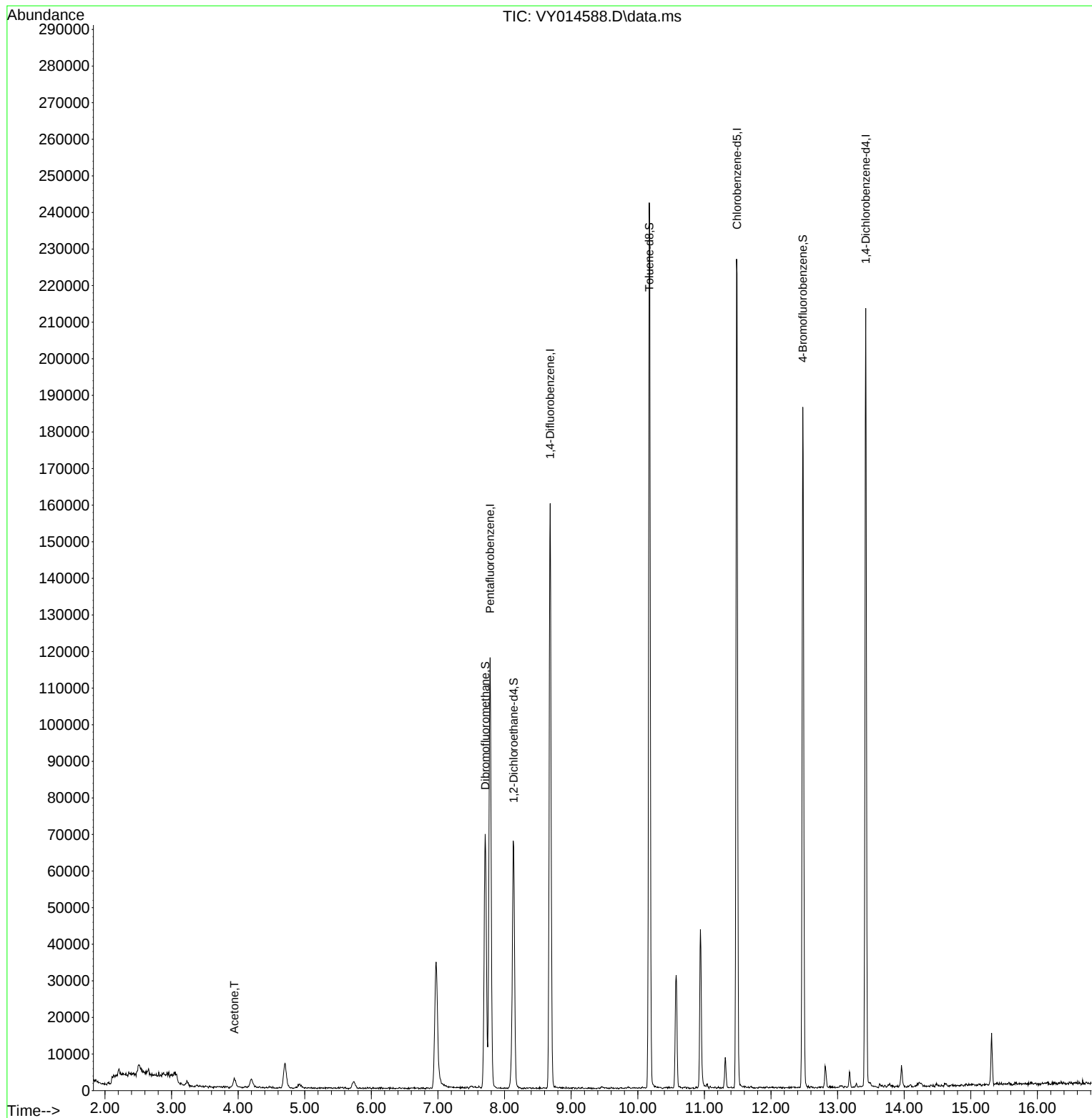
Internal Standards						
1) Pentafluorobenzene	7.783	168	99364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52345	52.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.710	113	50221	57.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.320%	
50) Toluene-d8	10.173	98	171162	49.284	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.477	95	51300	42.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.080%	
Target Compounds						
16) Acetone	3.942	43	4617	14.957	ug/l	Qvalue 97

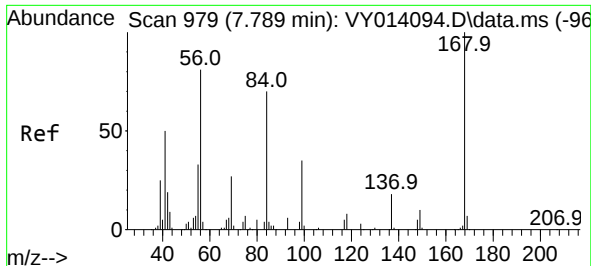
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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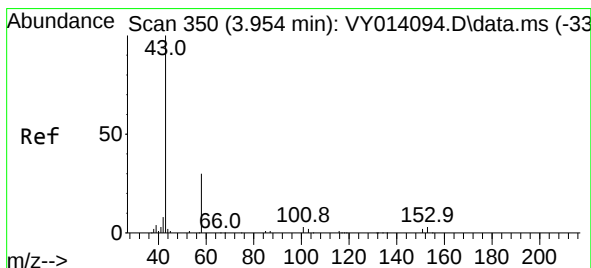
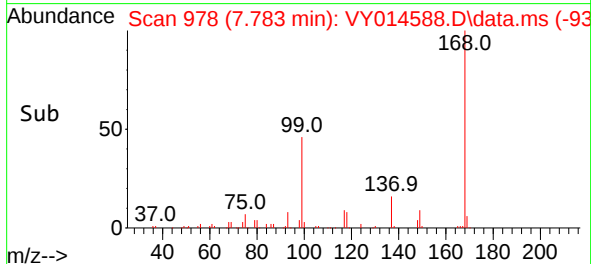
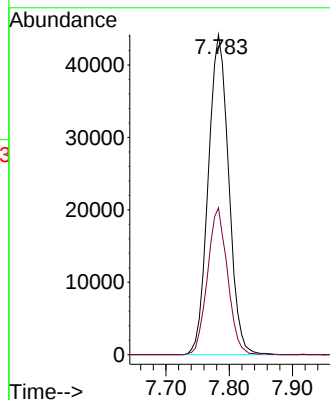
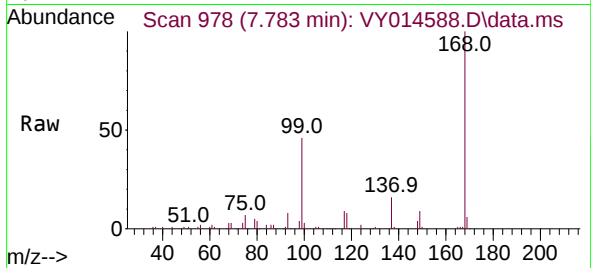




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014588.D
Acq: 06 Jul 2023 15:06

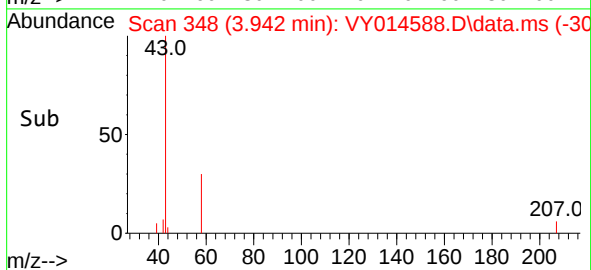
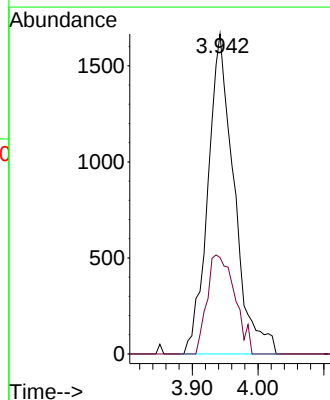
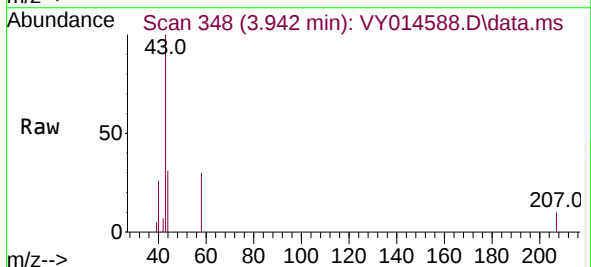
Instrument :
MSVOA_Y
ClientSampleId :
WALDWICK-COMP

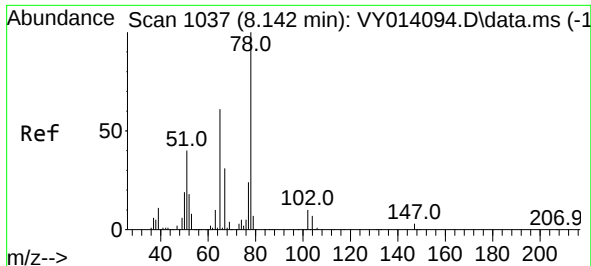
Tgt Ion:168 Resp: 99364
Ion Ratio Lower Upper
168 100
99 45.9 43.4 65.0



#16
Acetone
Concen: 14.957 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014588.D
Acq: 06 Jul 2023 15:06

Tgt Ion: 43 Resp: 4617
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 52.956 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY014588.D

Acq: 06 Jul 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

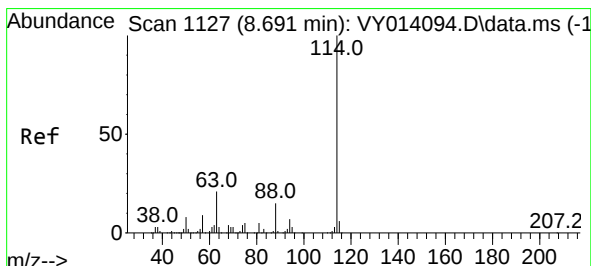
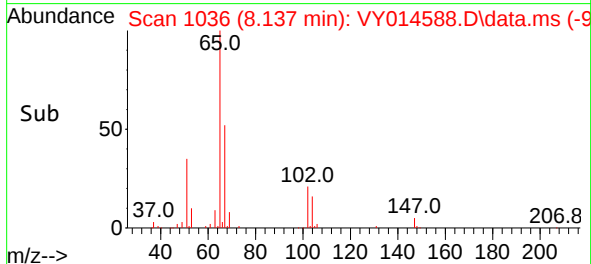
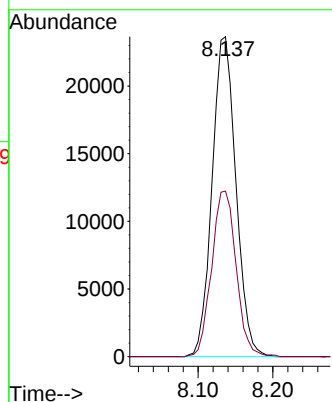
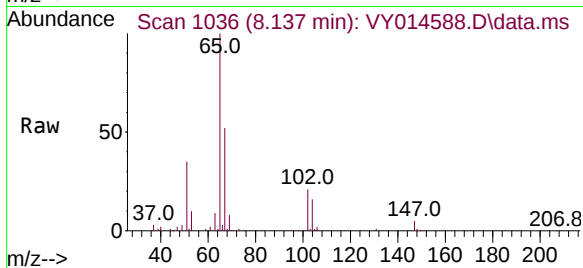
WALDWICK-COMP

Tgt Ion: 65 Resp: 52345

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014588.D

Acq: 06 Jul 2023 15:06

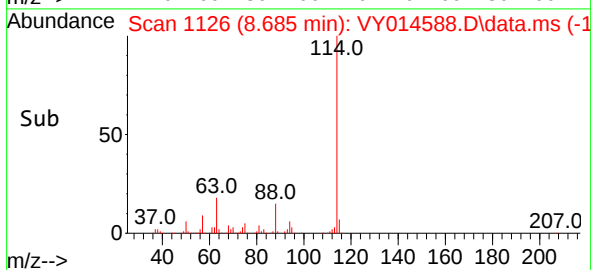
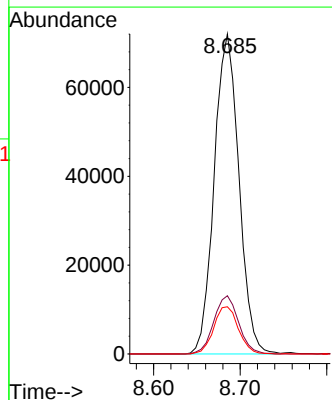
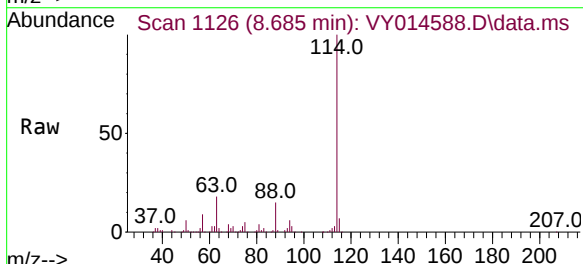
Tgt Ion: 114 Resp: 142665

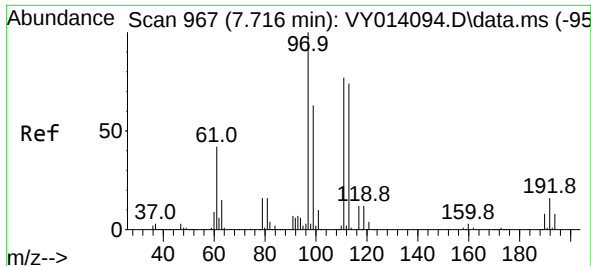
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.7 0.0 30.6

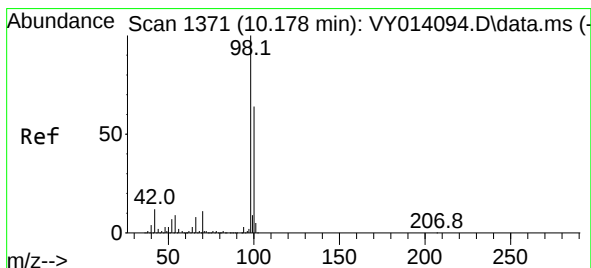
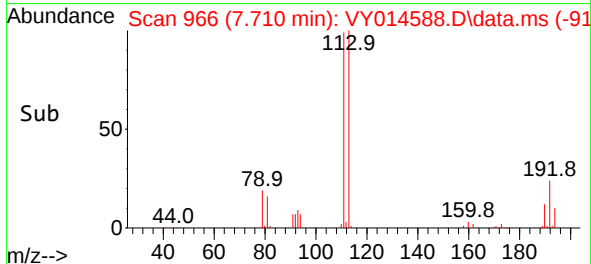
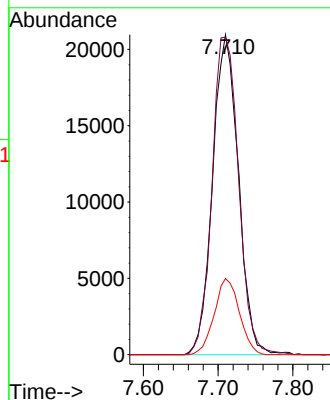
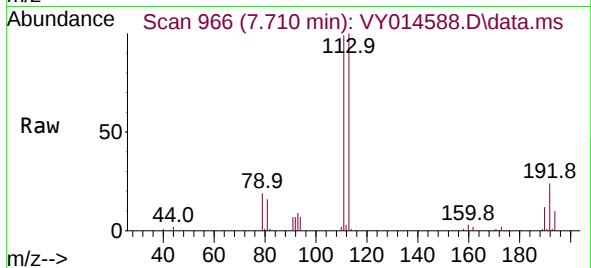




#35
Dibromofluoromethane
Concen: 57.164 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014588.D
Acq: 06 Jul 2023 15:06

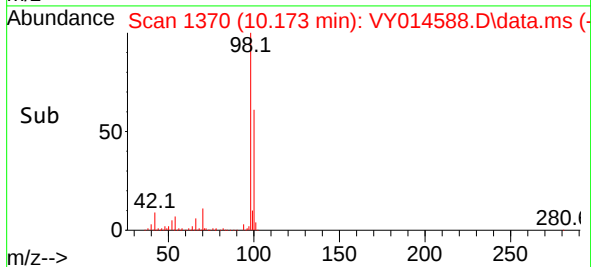
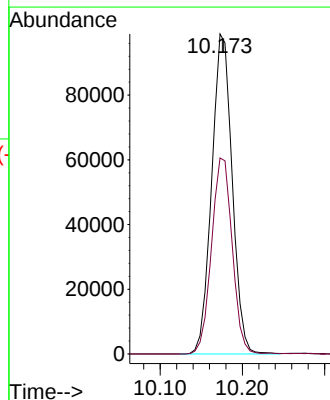
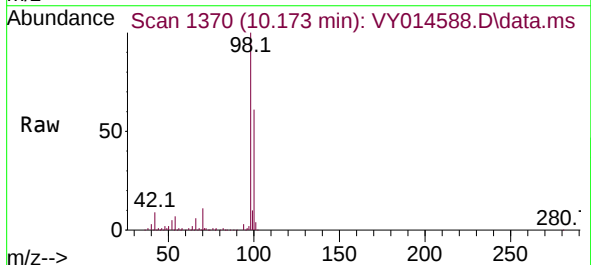
Instrument :
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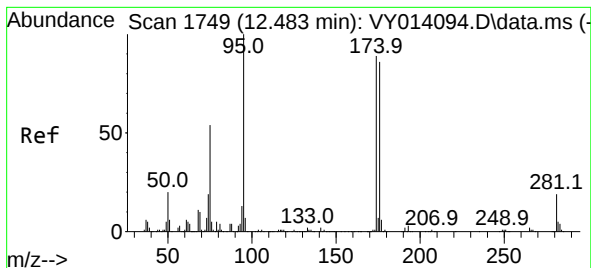
Tgt Ion:113 Resp: 50221
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 23.2 16.9 25.3



#50
Toluene-d8
Concen: 49.284 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014588.D
Acq: 06 Jul 2023 15:06

Tgt Ion: 98 Resp: 171162
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1

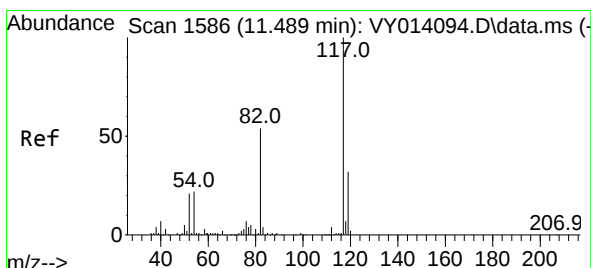
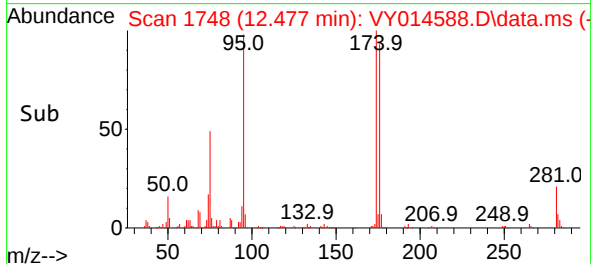
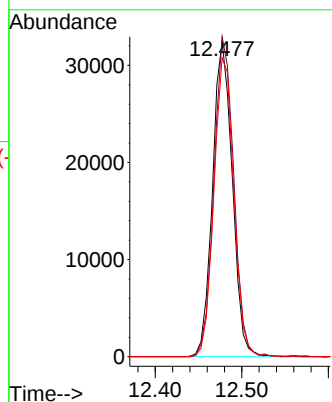
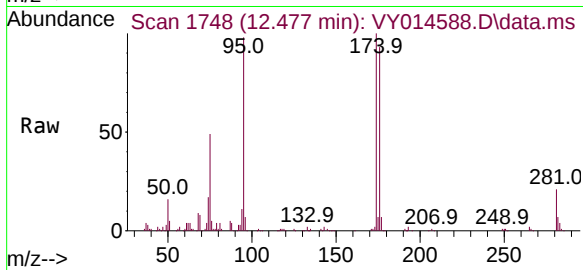




#62
4-Bromofluorobenzene
Concen: 42.539 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014588.D
Acq: 06 Jul 2023 15:06

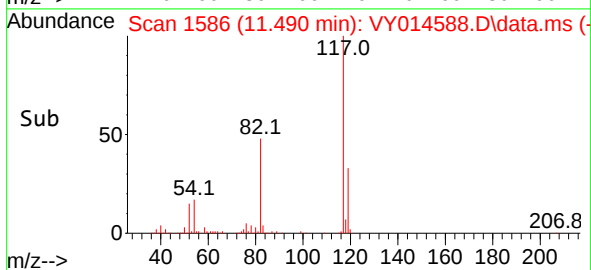
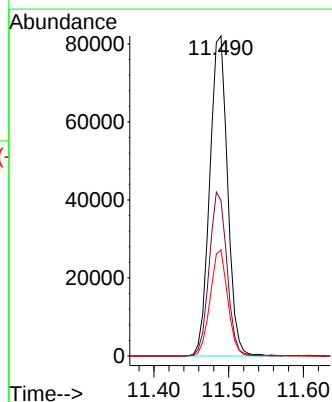
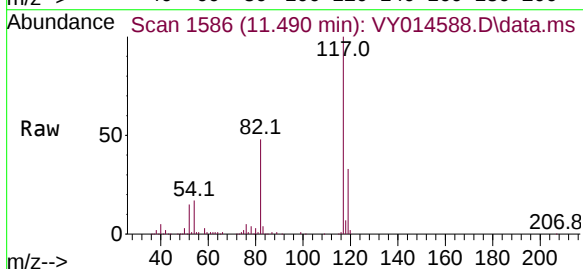
Instrument :
MSVOA_Y
ClientSampleId :
WALDWICK-COMP

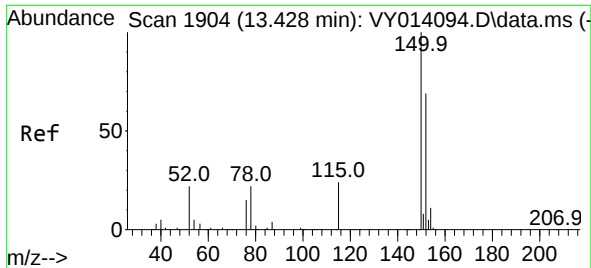
Tgt Ion: 95 Resp: 51300
Ion Ratio Lower Upper
95 100
174 101.8 0.0 178.2
176 95.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014588.D
Acq: 06 Jul 2023 15:06

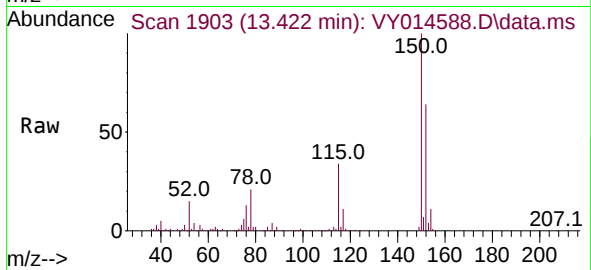
Tgt Ion: 117 Resp: 135758
Ion Ratio Lower Upper
117 100
82 48.5 43.4 65.0
119 33.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014588.D
 Acq: 06 Jul 2023 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 WALDWICK-COMP



Tgt Ion:	152	Resp:	60245
Ion Ratio	Lower	Upper	
152	100		
115	53.3	28.8	86.5
150	157.4	0.0	348.8

