Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
Data File : VY020700.D
Acq On : 23 Dec 2024 18:38
Operator : SY/MD
Sample : P5306-11
Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

Quant Time: Dec 25 01:02:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 25 00:58:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	94664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	149835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	128778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	55306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	55443	66.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.260%			
35) Dibromofluoromethane	7.646	113	48256	54.849	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.700%			
50) Toluene-d8	10.115	98	185787	58.140	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.280%			
62) 4-Bromofluorobenzene	12.414	95	58708	50.477	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.960%			
Target Compounds						Qvalue

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

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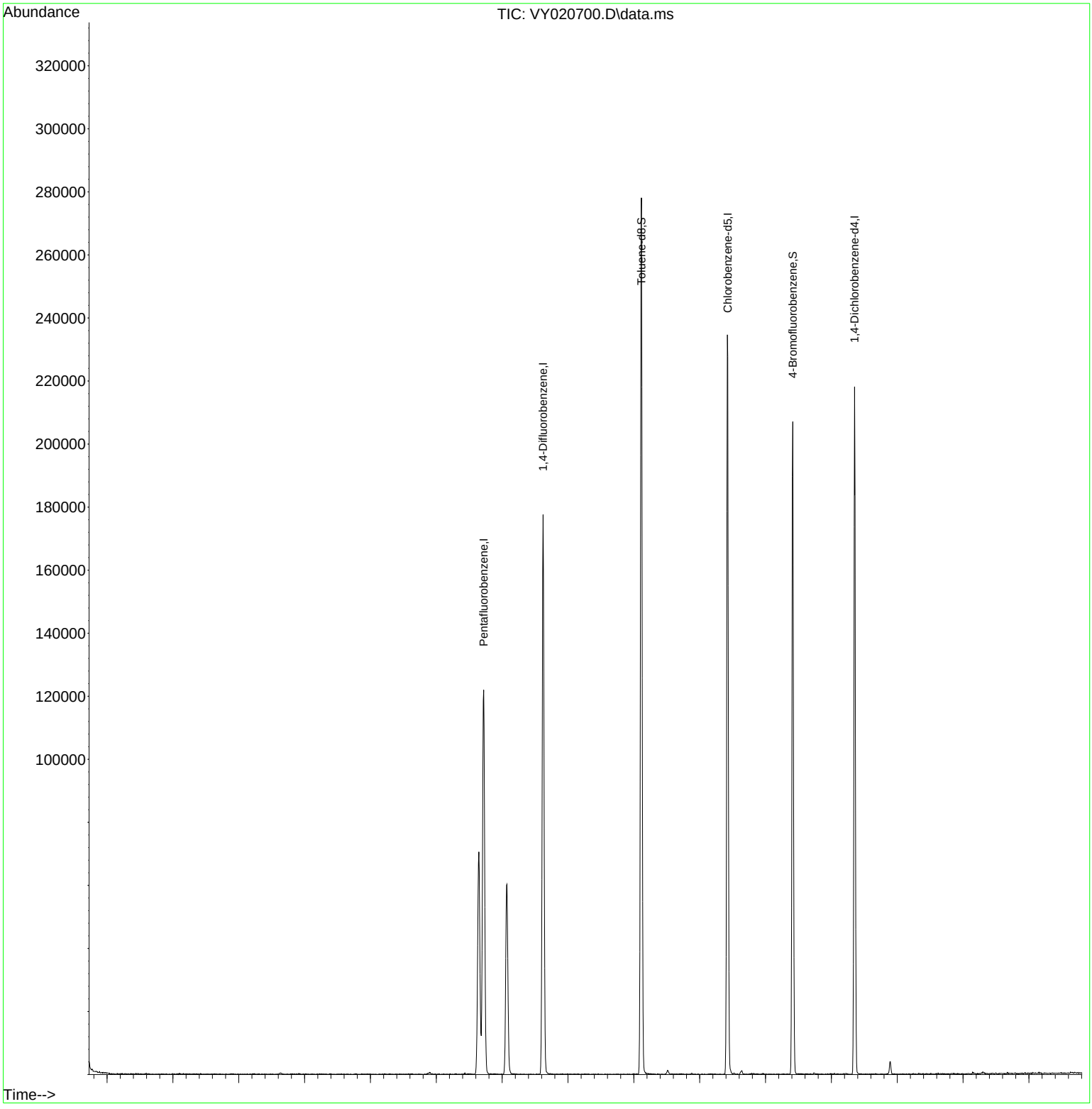
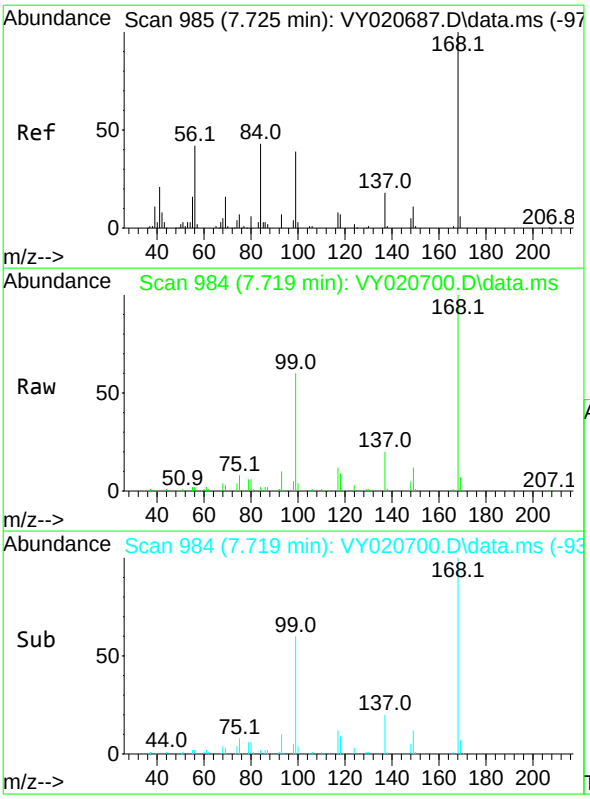


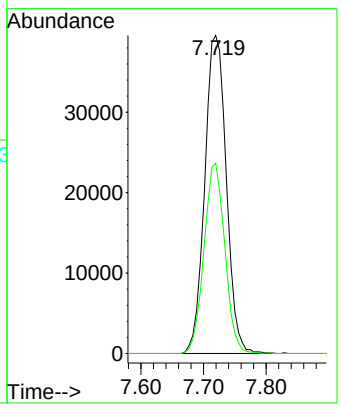


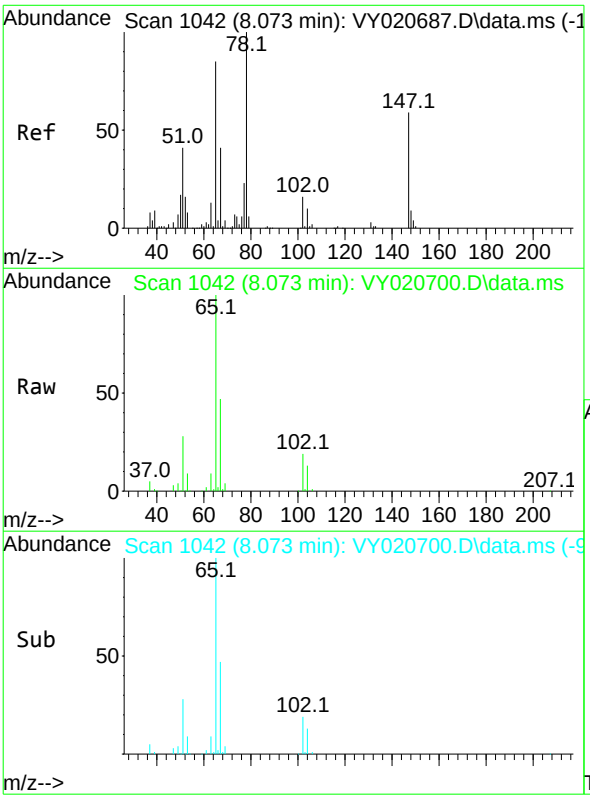
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

Tgt Ion:168 Resp: 94664

Ion	Ratio	Lower	Upper
168	100		
99	59.8	43.8	65.6

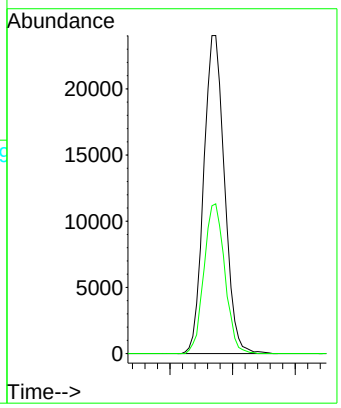


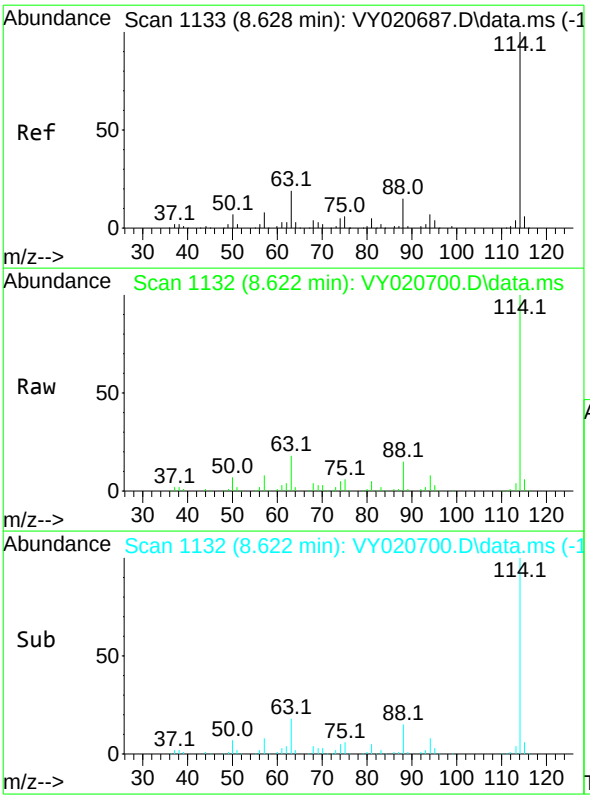


#33
1,2-Dichloroethane-d4
Concen: 66.131 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Tgt Ion: 65 Resp: 55443

Ion	Ratio	Lower	Upper
65	100		
67	47.2	0.0	98.0



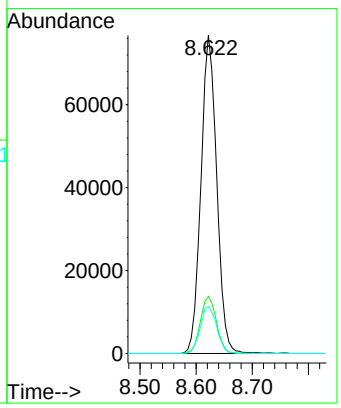


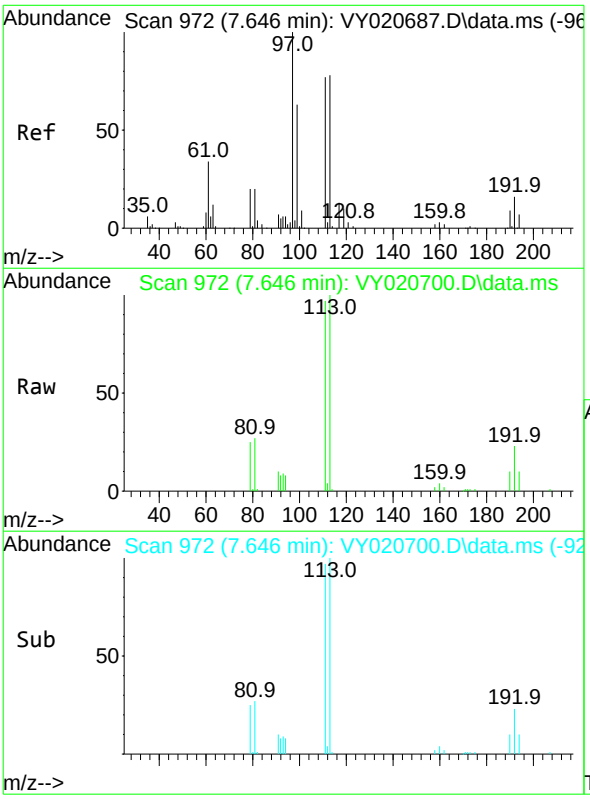
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

Tgt Ion:114 Resp: 149835

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	14.8	0.0	30.4

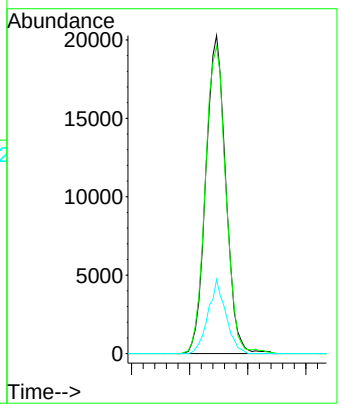


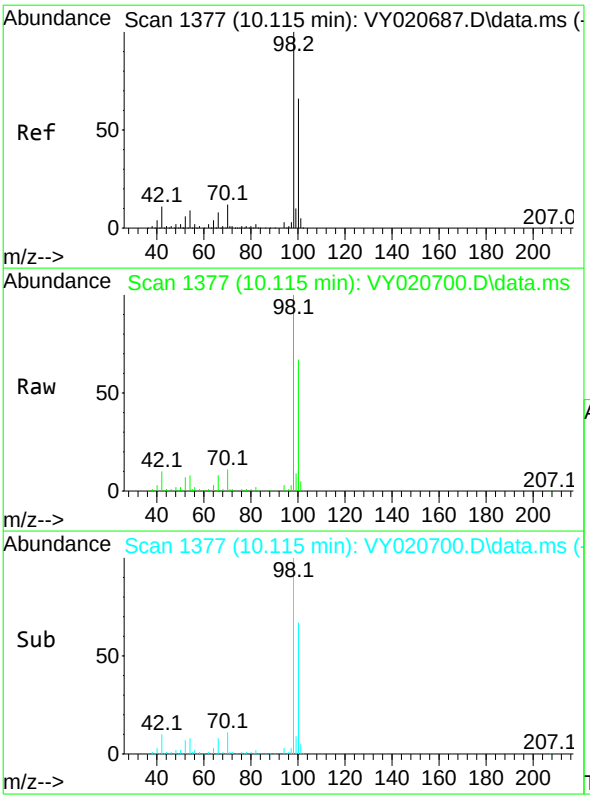


#35
Dibromofluoromethane
Concen: 54.849 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Tgt Ion:113 Resp: 48256

Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.8	119.8
192	20.7	17.0	25.6



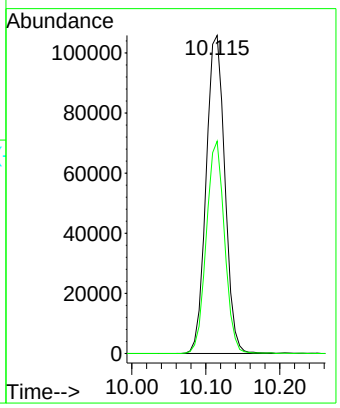


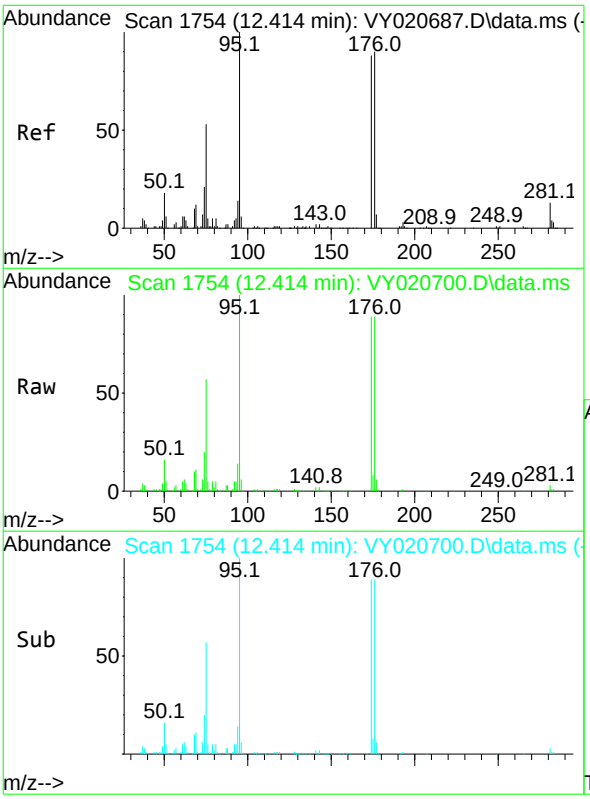
#50
Toluene-d8
Concen: 58.140 ug/l
RT: 10.115 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

Tgt Ion: 98 Resp: 185787

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

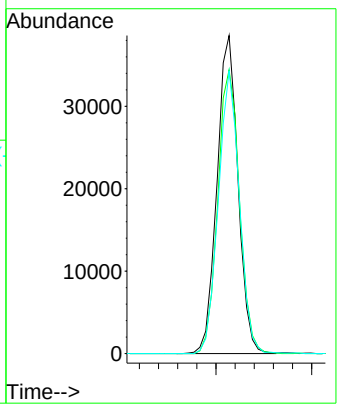


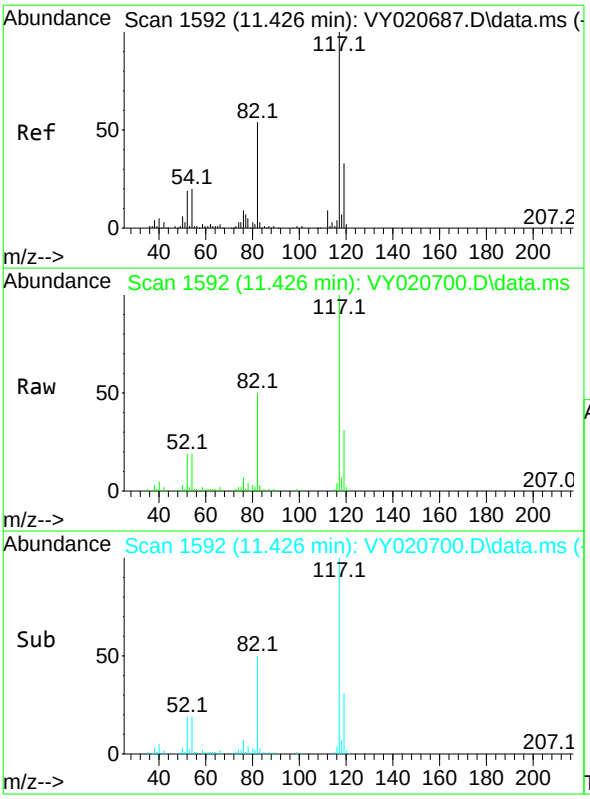


#62
4-Bromofluorobenzene
Concen: 50.477 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Tgt Ion: 95 Resp: 58708

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	179.2
176	88.7	0.0	179.8



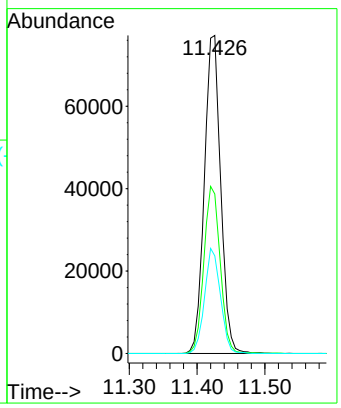


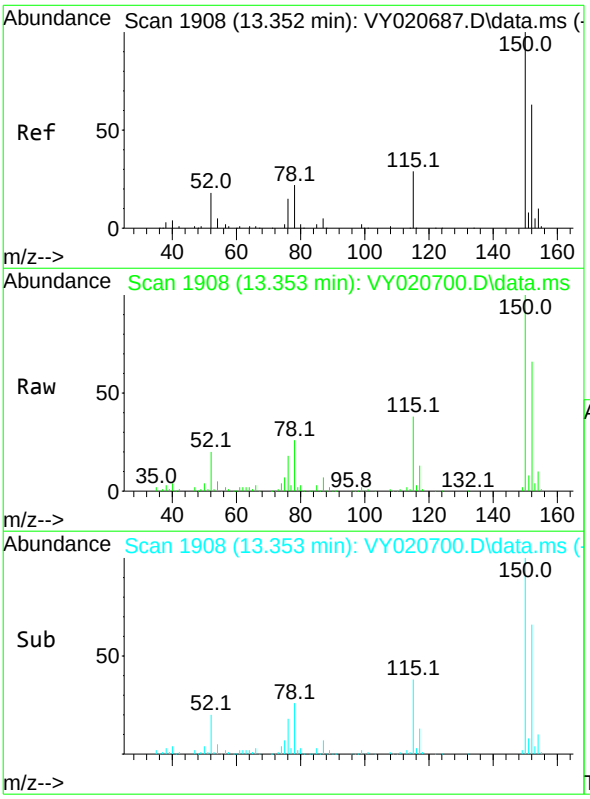
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

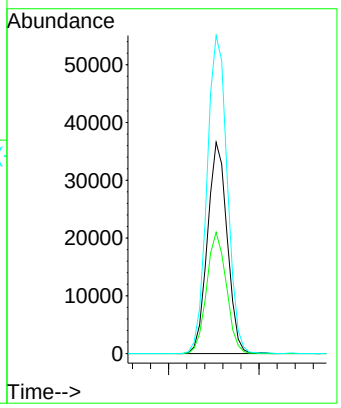
Tgt Ion:117 Resp: 128778

Ion	Ratio	Lower	Upper
117	100		
82	50.1	43.4	65.2
119	30.7	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Tgt Ion:152 Resp: 55306

Ion	Ratio	Lower	Upper
152	100		
115	57.4	30.3	90.9
150	154.6	0.0	349.0