Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
Data File : VY020701.D
Acq On : 23 Dec 2024 19:01
Operator : SY/MD
Sample : P5306-15
Misc : 4.90g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-14-121224

Quant Time: Dec 25 01:02:41 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	94774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	152816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	128401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	54196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	54157	64.522	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.040%			
35) Dibromofluoromethane	7.640	113	48833	54.422	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.840%			
50) Toluene-d8	10.115	98	186989	57.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.760%			
62) 4-Bromofluorobenzene	12.414	95	58946	49.693	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 99.380%			
Target Compounds						Qvalue

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

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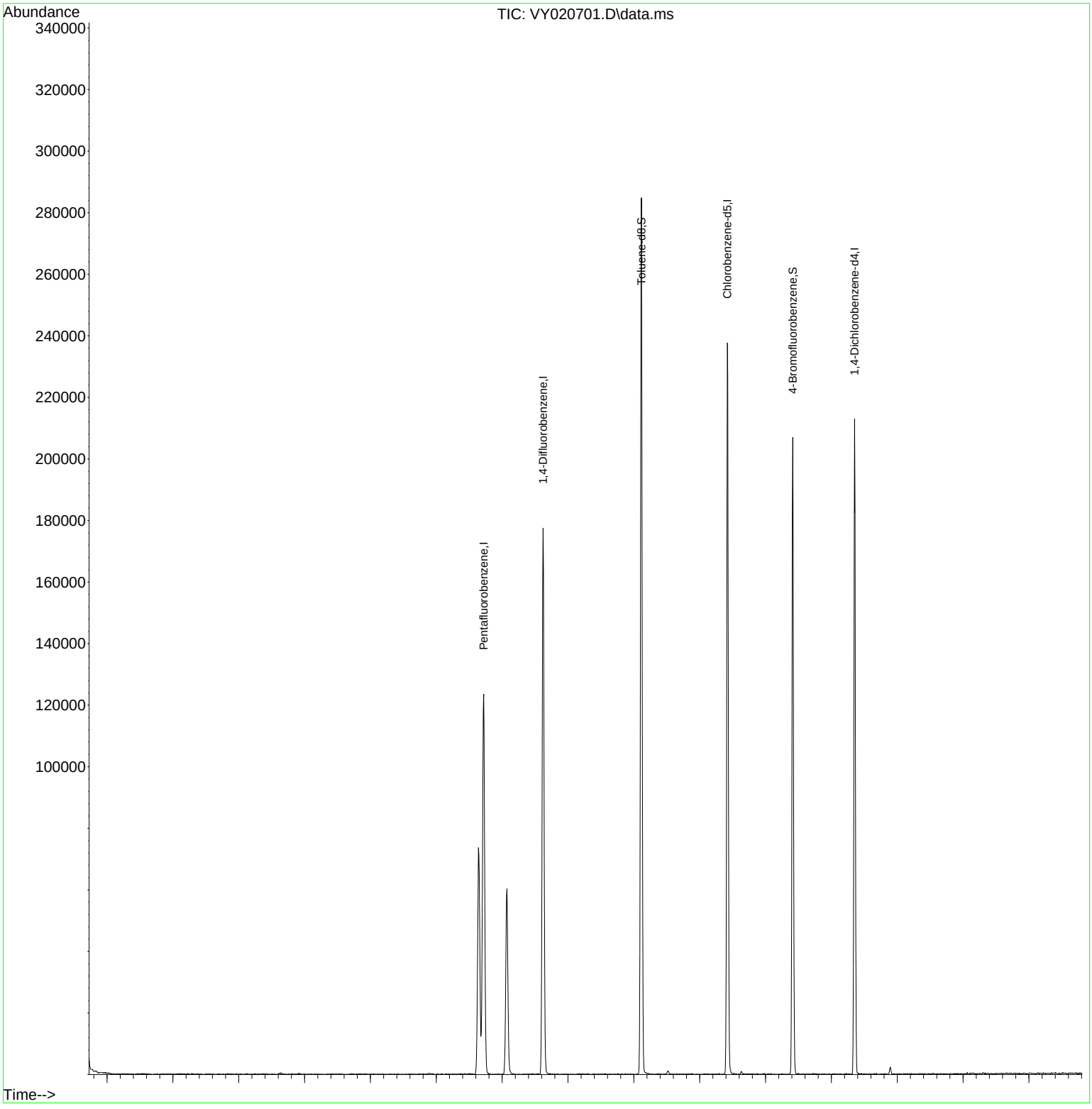
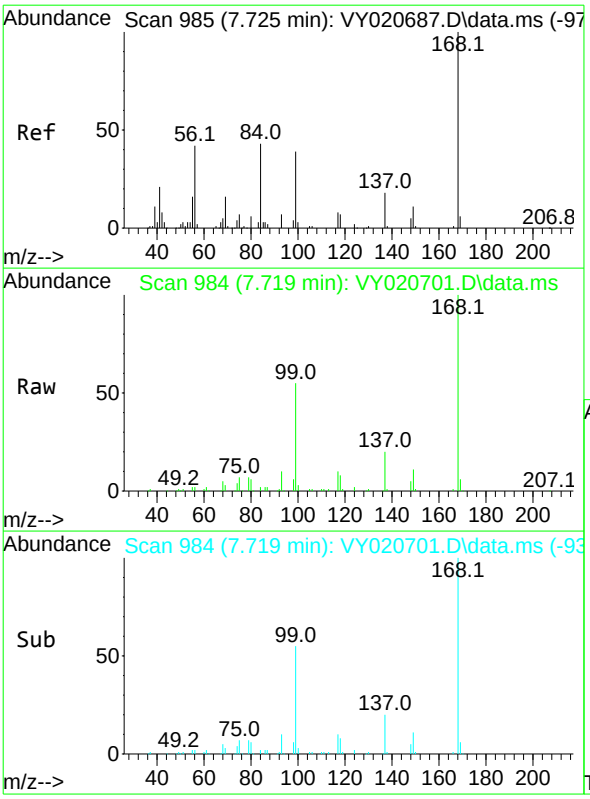


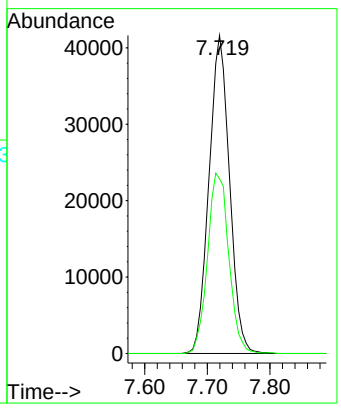


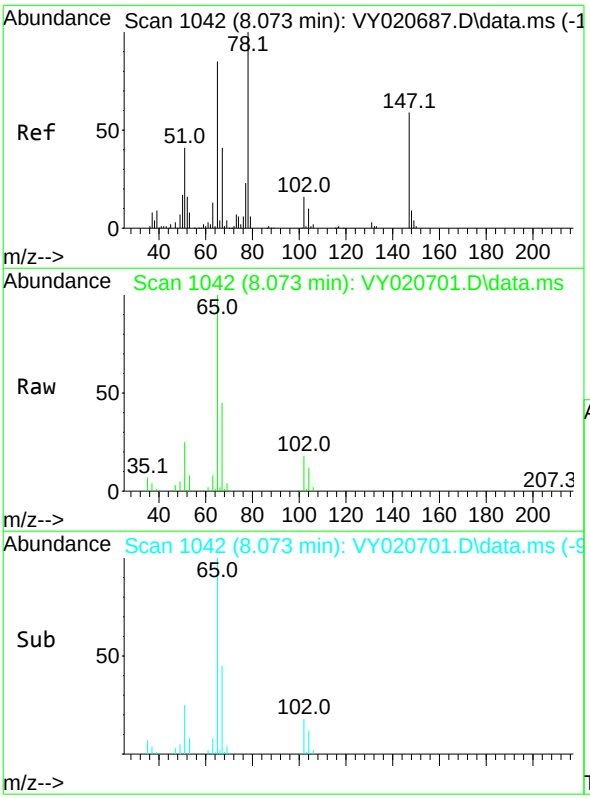
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-14-121224

Tgt Ion:168 Resp: 94774

Ion	Ratio	Lower	Upper
168	100		
99	54.9	43.8	65.6

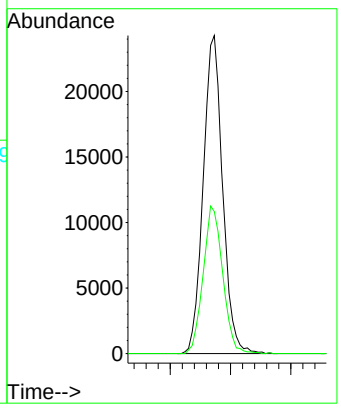


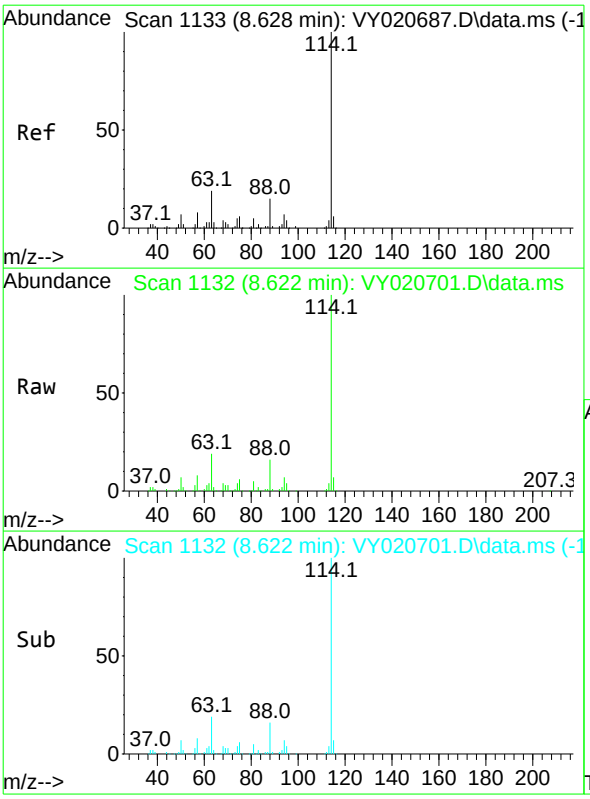


#33
1,2-Dichloroethane-d4
Concen: 64.522 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Tgt Ion: 65 Resp: 54157

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	98.0



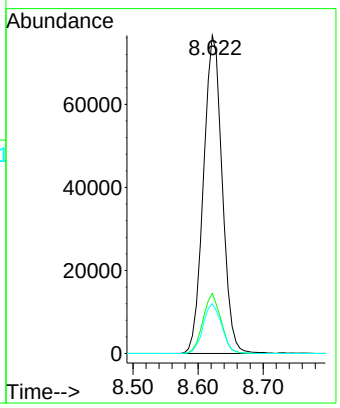


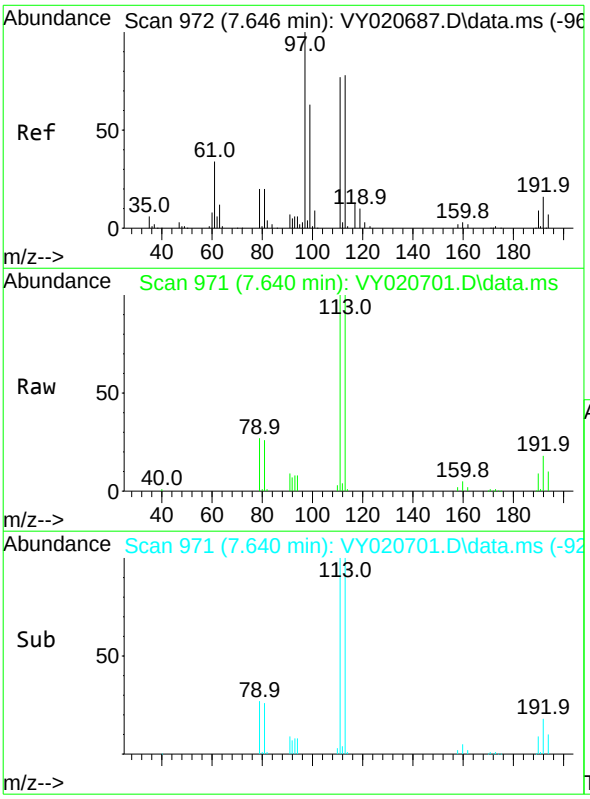
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-14-121224

Tgt Ion:114 Resp: 152816

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	15.6	0.0	30.4

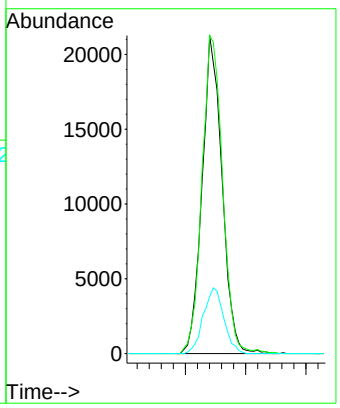


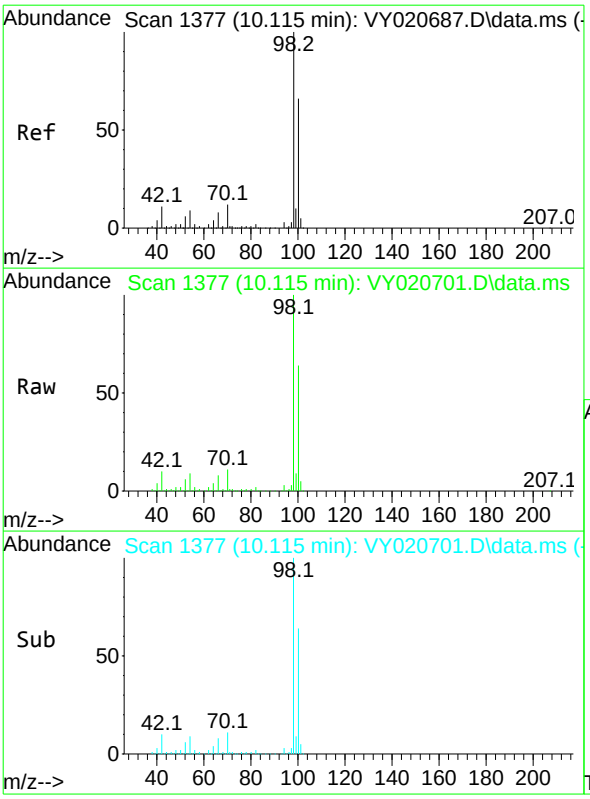


#35
Dibromofluoromethane
Concen: 54.422 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Tgt Ion:113 Resp: 48833

Ion	Ratio	Lower	Upper
113	100		
111	103.6	79.8	119.8
192	21.3	17.0	25.6



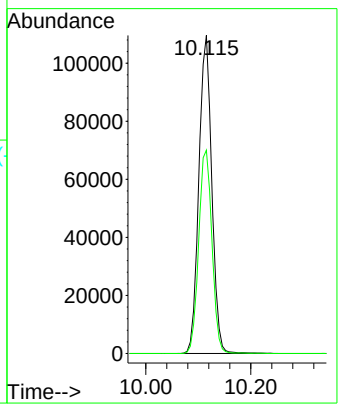


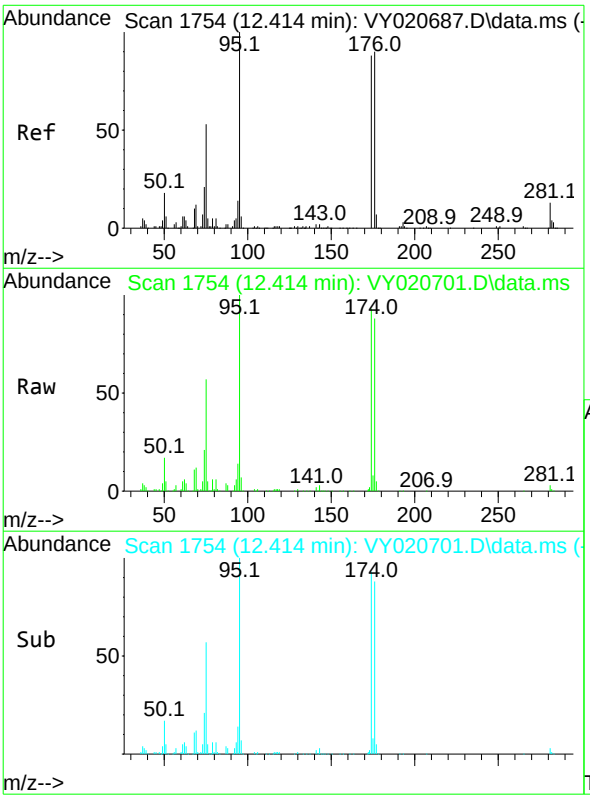
#50
Toluene-d8
Concen: 57.375 ug/l
RT: 10.115 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-14-121224

Tgt Ion: 98 Resp: 186989

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4

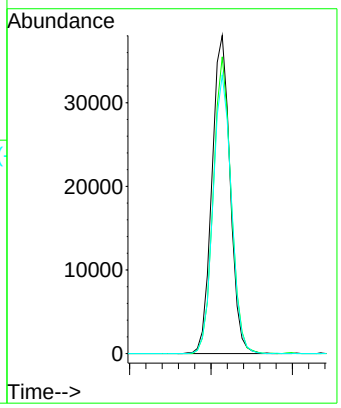


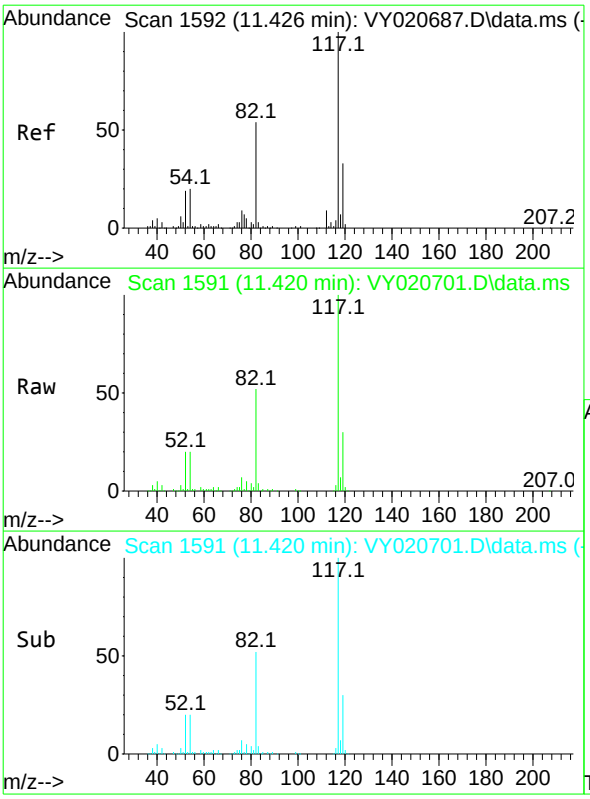


#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Tgt Ion: 95 Resp: 58946

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	179.2
176	88.7	0.0	179.8



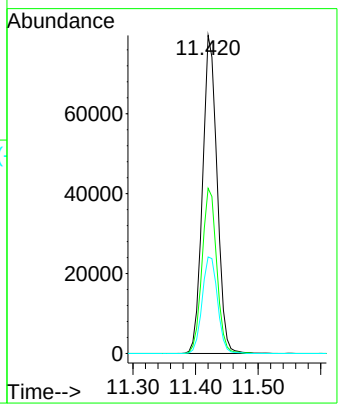


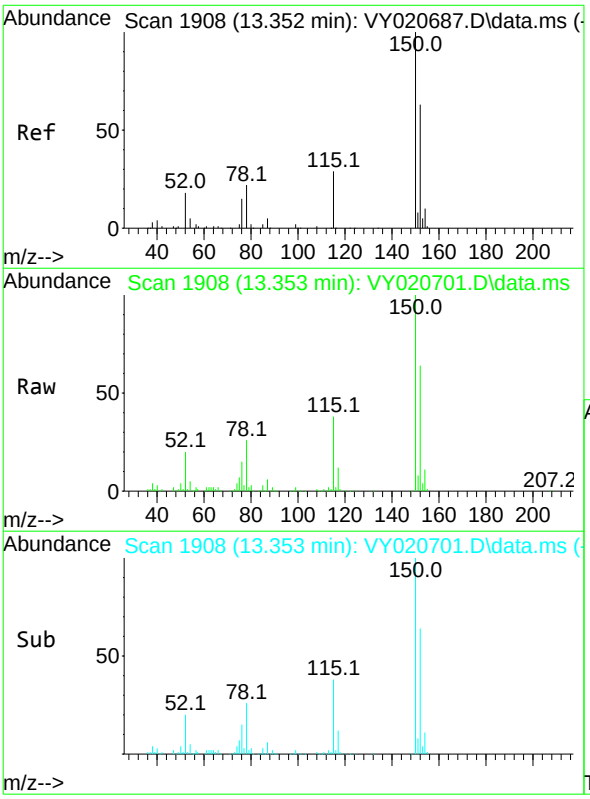
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-14-121224

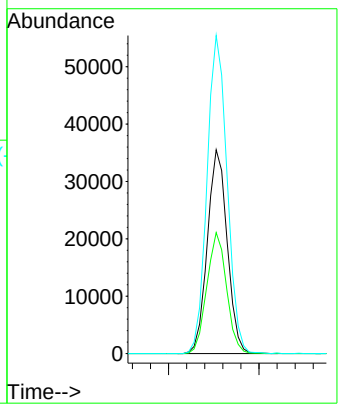
Tgt Ion:117 Resp: 128401

Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.4	65.2
119	30.4	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: VY020701.D
Acq: 23 Dec 2024 19:01

Tgt Ion:152 Resp: 54196

Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.3	90.9
150	157.6	0.0	349.0