Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
Data File : VY020106.D
Acq On : 31 Oct 2024 19:43
Operator : SY/MD
Sample : P4639-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103024

Quant Time: Nov 01 03:52:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

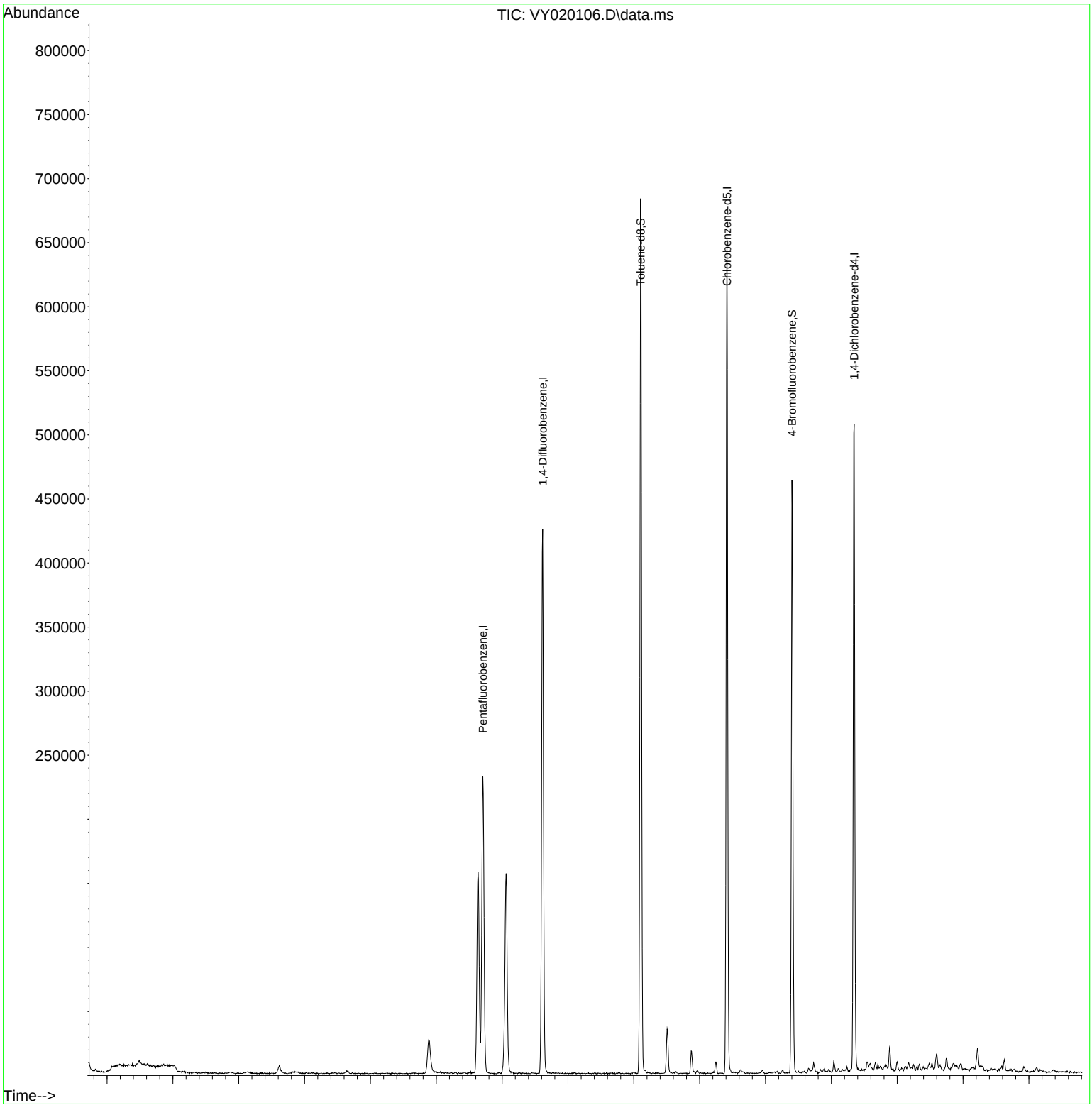
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	162810	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	334766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	113681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	117286	57.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.440%			
35) Dibromofluoromethane	7.640	113	111624	52.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.880%			
50) Toluene-d8	10.103	98	419437	49.508	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.402	95	130905	47.570	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.140%			
Target Compounds						Qvalue

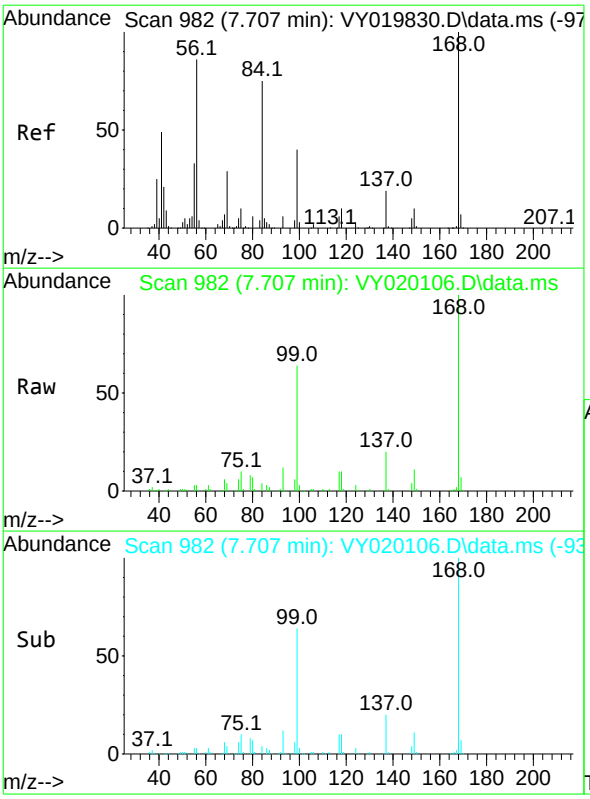
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
Data File : VY020106.D
Acq On : 31 Oct 2024 19:43
Operator : SY/MD
Sample : P4639-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103024

Quant Time: Nov 01 03:52:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



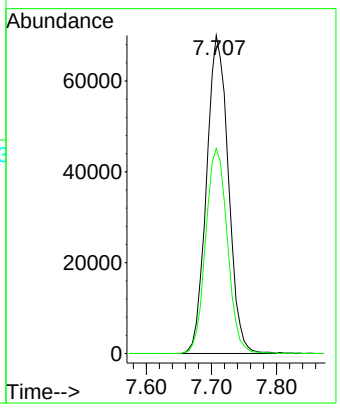


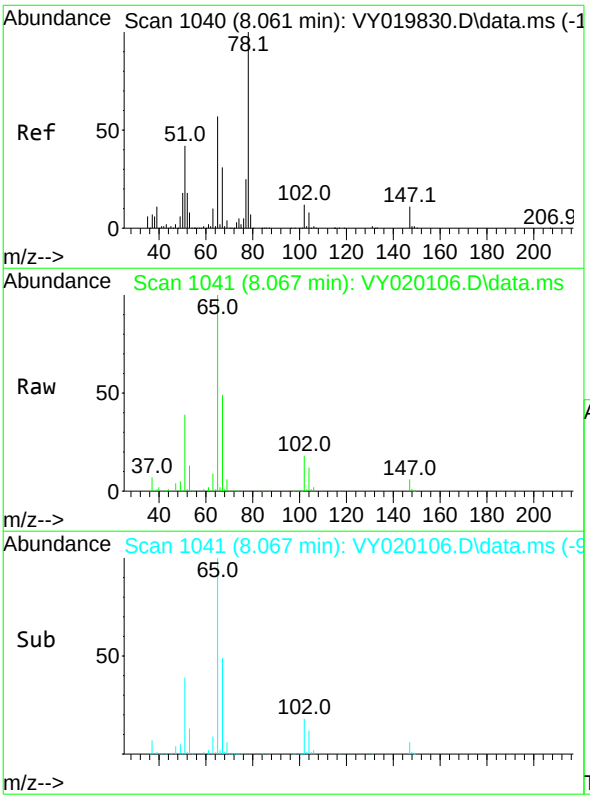
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103024

Tgt Ion:168 Resp: 162810

Ion	Ratio	Lower	Upper
168	100		
99	64.4	39.1	58.7#

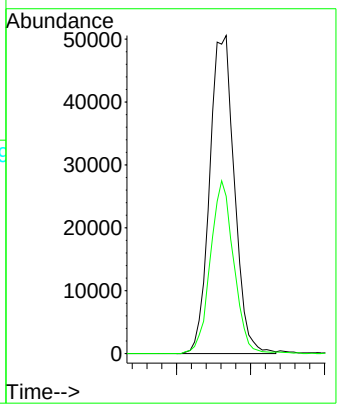


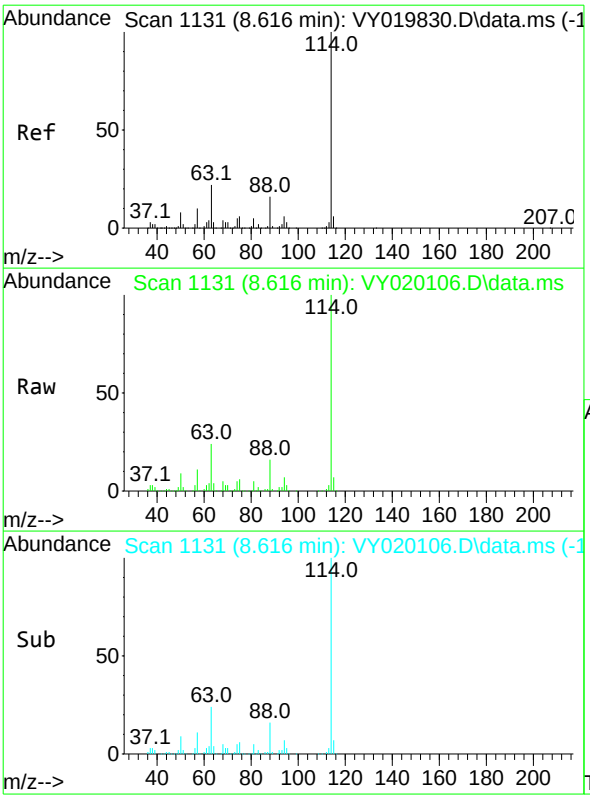


#33
1,2-Dichloroethane-d4
Concen: 57.720 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion: 65 Resp: 117286

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	109.6



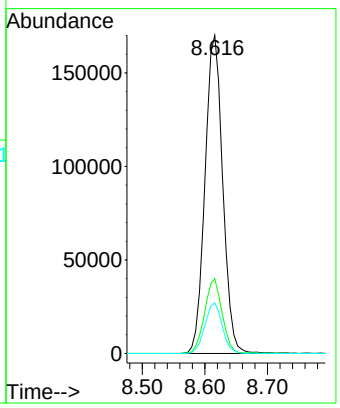


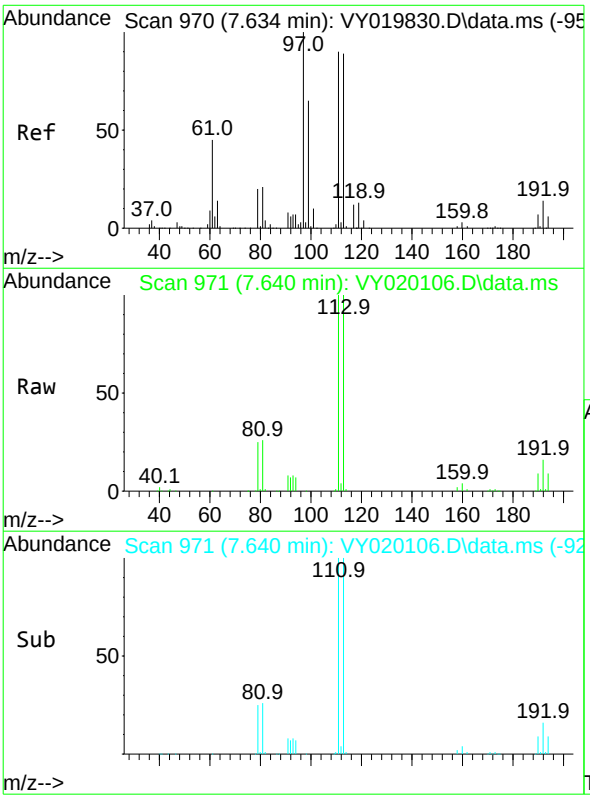
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103024

Tgt Ion:114 Resp: 334766

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	35.0
88	15.9	0.0	27.2

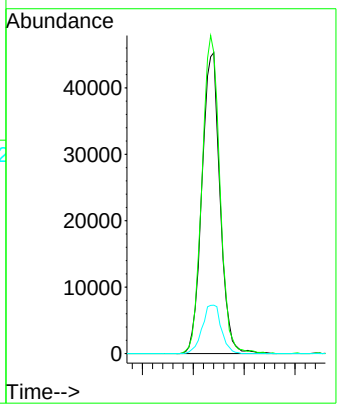


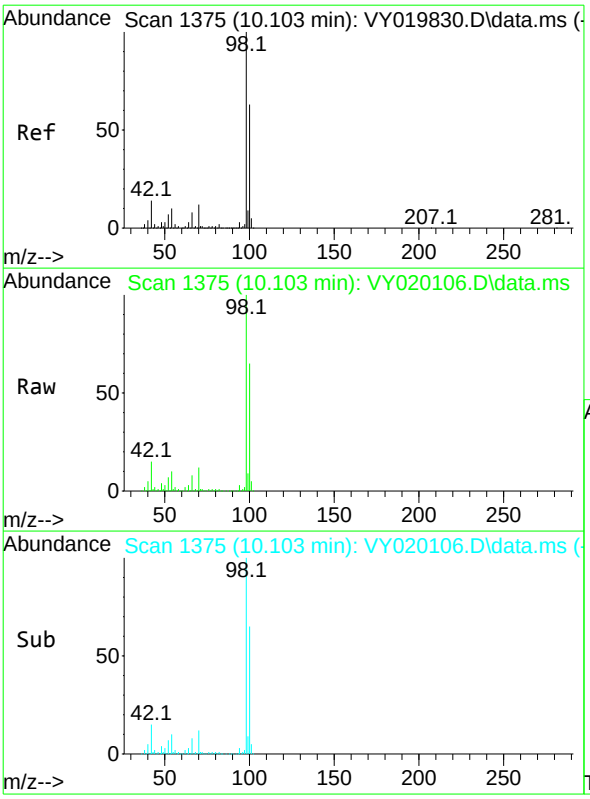


#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion:113 Resp: 111624

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.2	123.4
192	16.9	15.9	23.9



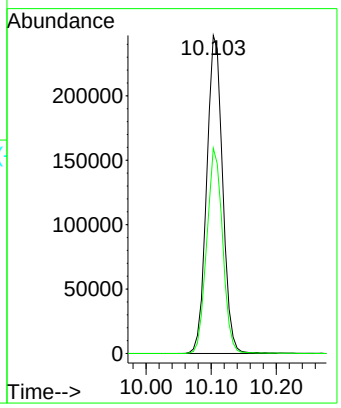


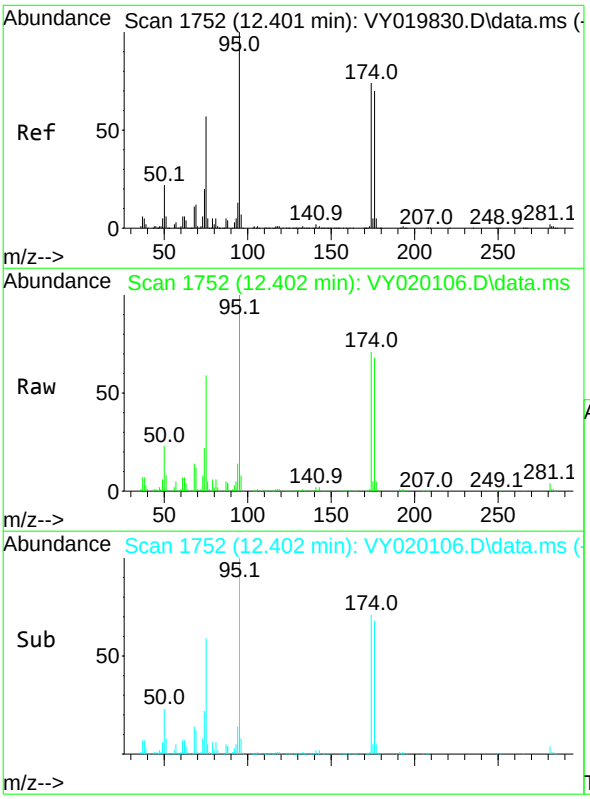
#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.103 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103024

Tgt Ion: 98 Resp: 419437

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0

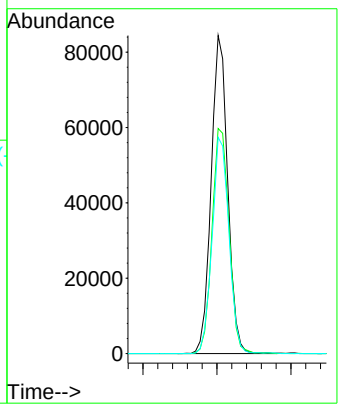


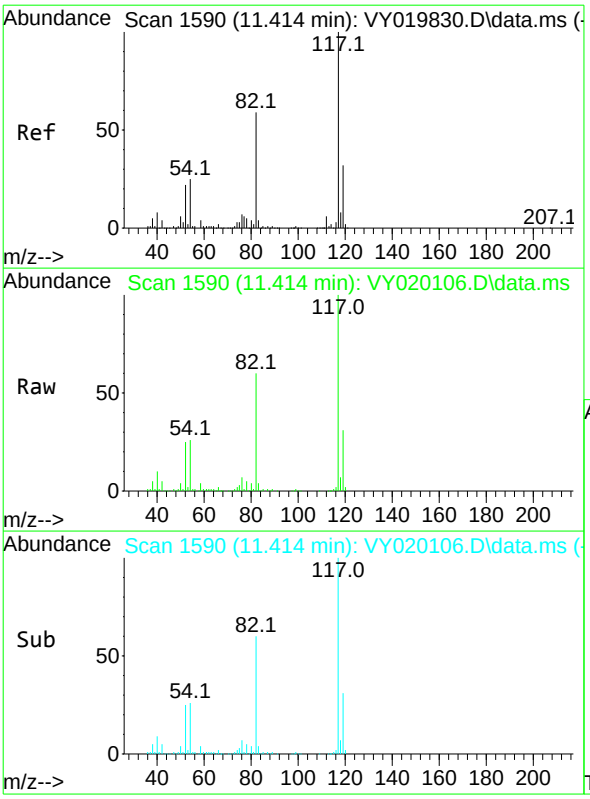


#62
4-Bromofluorobenzene
Concen: 47.570 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion: 95 Resp: 130905

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	175.6
176	69.2	0.0	171.4



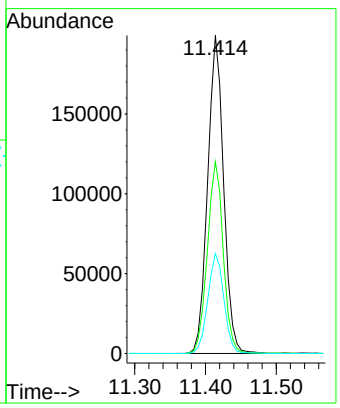


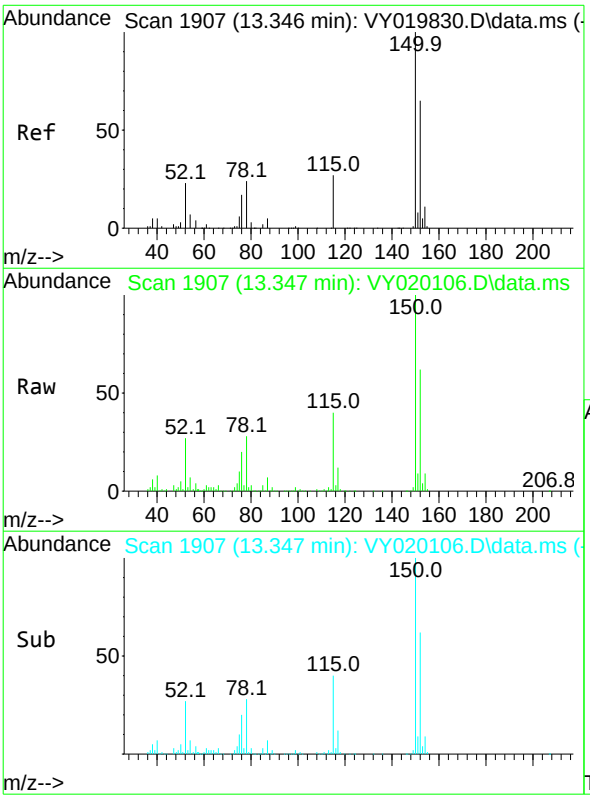
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103024

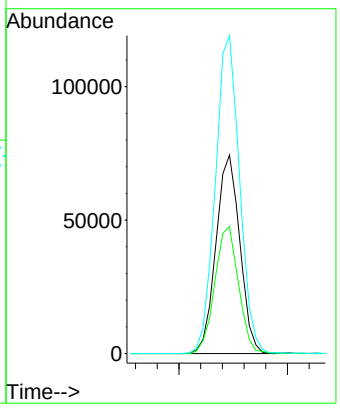
Tgt Ion:117 Resp: 312546

Ion	Ratio	Lower	Upper
117	100		
82	60.3	42.4	63.6
119	31.4	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion:152 Resp: 113681

Ion	Ratio	Lower	Upper
152	100		
115	63.8	28.2	84.7
150	162.7	0.0	345.6