Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071918\
Data File : VL032291.D
Acq On : 19 Jul 2018 16:46
Operator : SY/AP
Sample : VL0719ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 20 02:09:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1551361	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3159847	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3731903	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.66	95	2880708	9.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.20%			
Target Compounds						Qvalue
20) Methylene Chloride	4.48	84	6174	0.099	ppbv #	68
39) 1,2-Dichloropropane	7.37	63	889339	7.222	ppbv #	25

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

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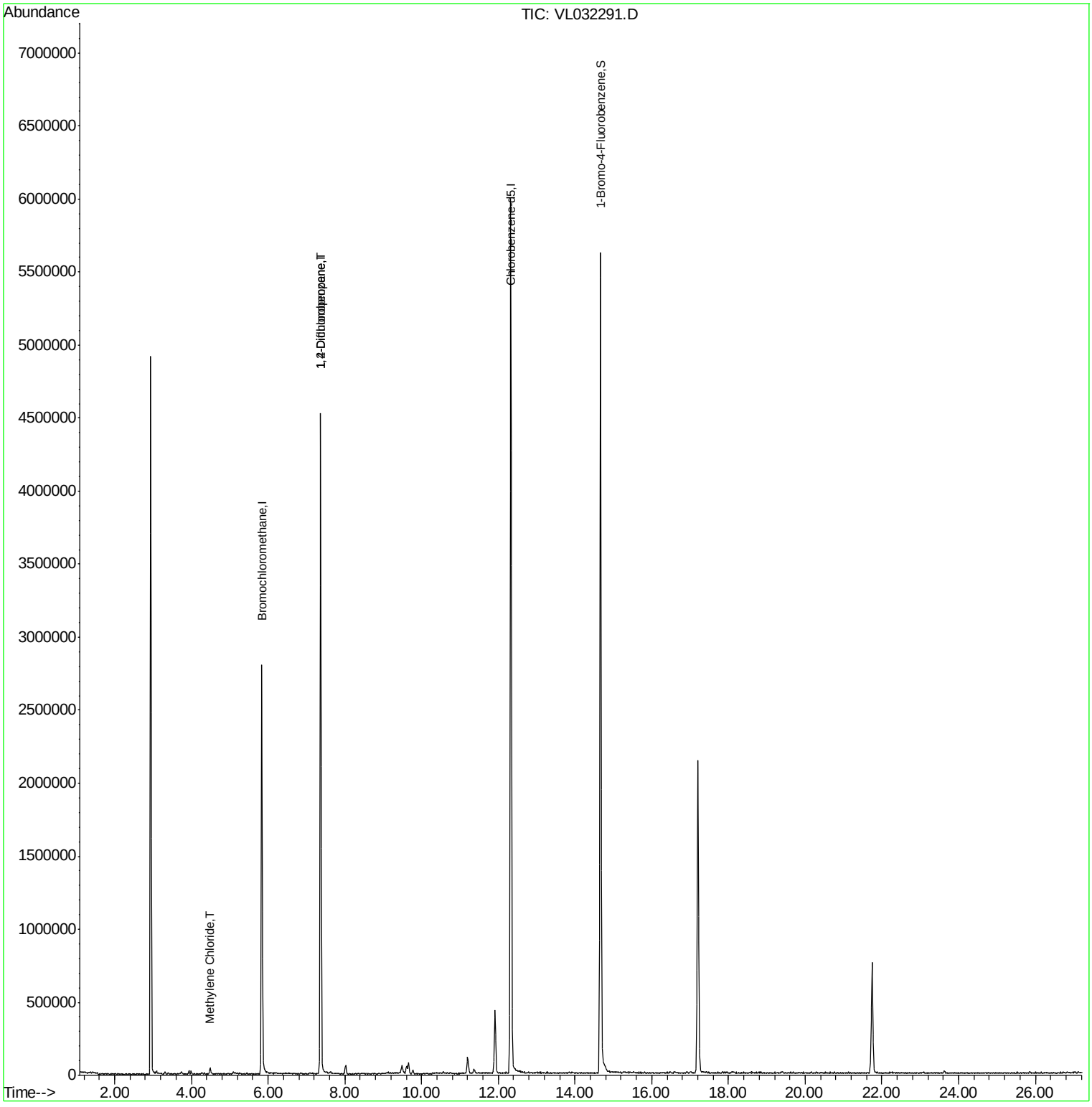
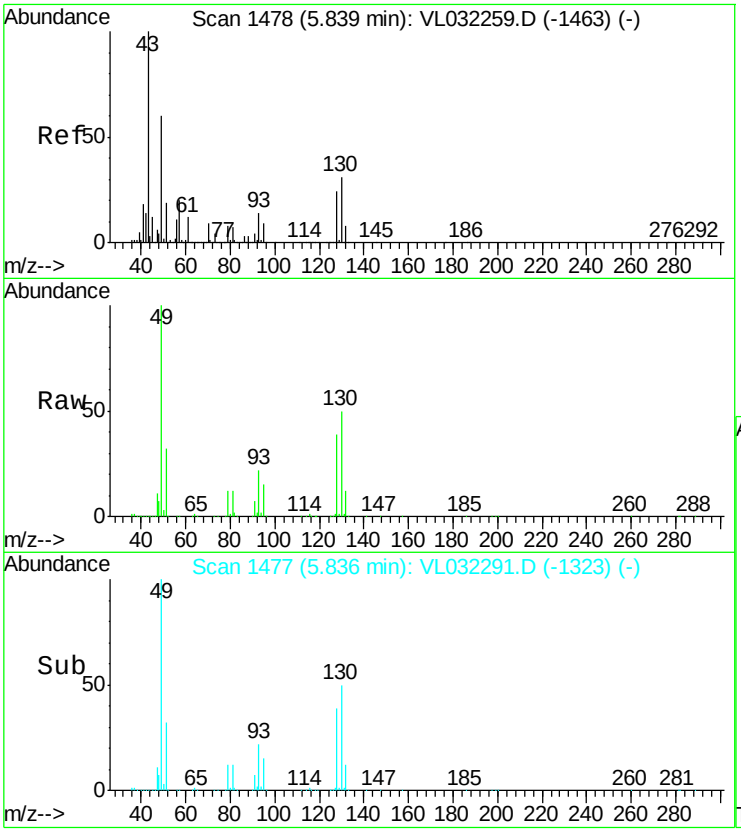


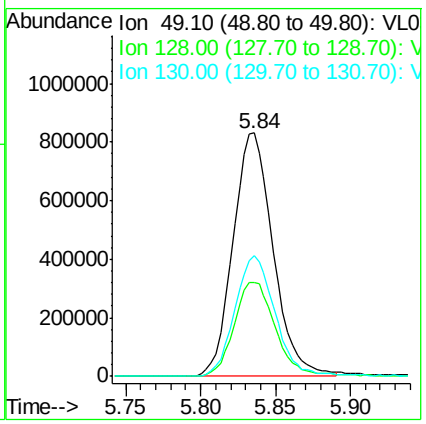


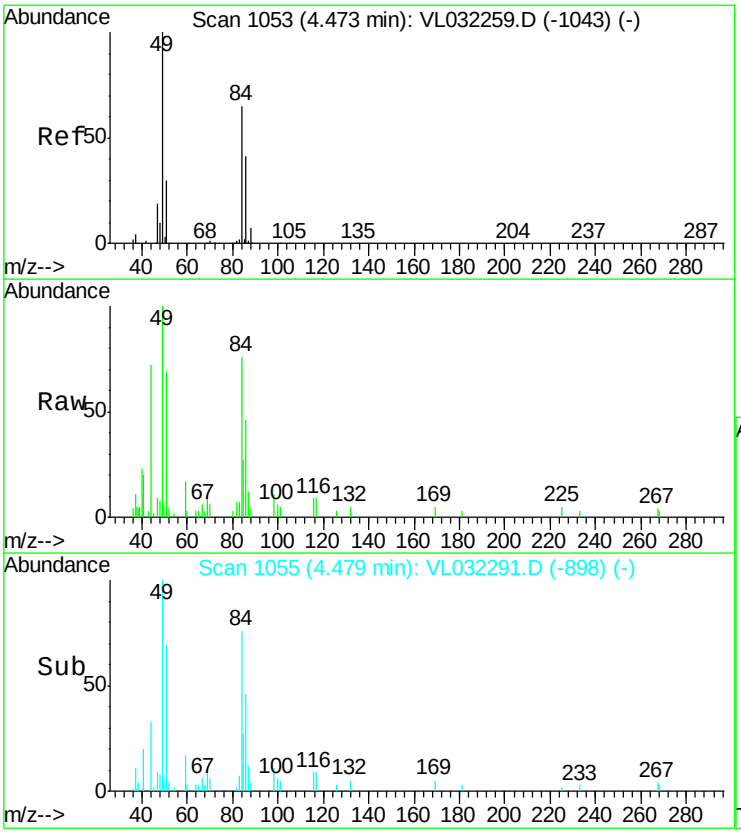
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032291.D
Acq: 19 Jul 2018 16:46

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1551361

Ion	Ratio	Lower	Upper
49	100		
128	40.1	20.1	60.2
130	50.1	25.9	77.6

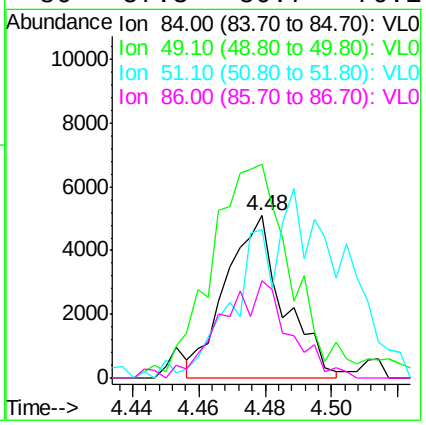


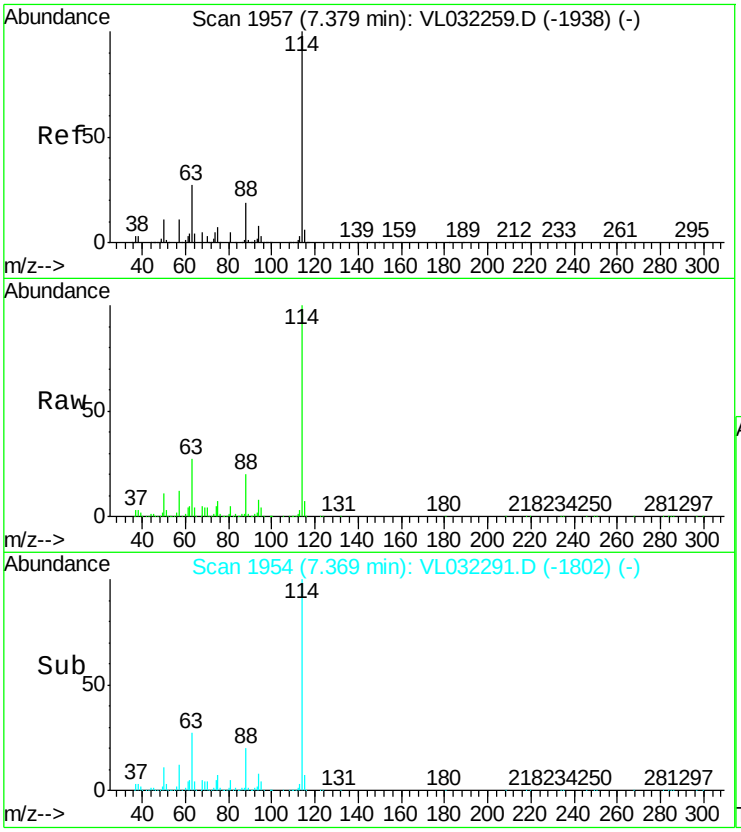


#20
Methylene Chloride
Concen: 0.099 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VL032291.D
Acq: 19 Jul 2018 16:46

Tgt Ion: 84 Resp: 6174

Ion	Ratio	Lower	Upper
84	100		
49	114.6	122.4	183.6#
51	94.9	36.8	55.2#
86	57.3	50.7	76.1



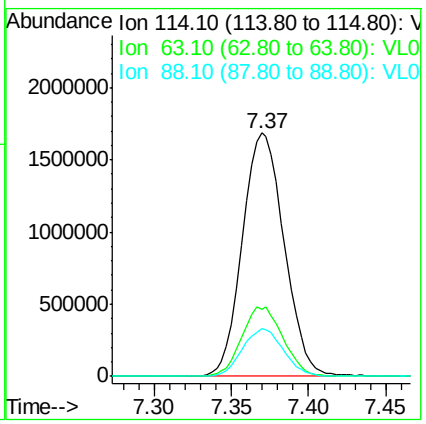


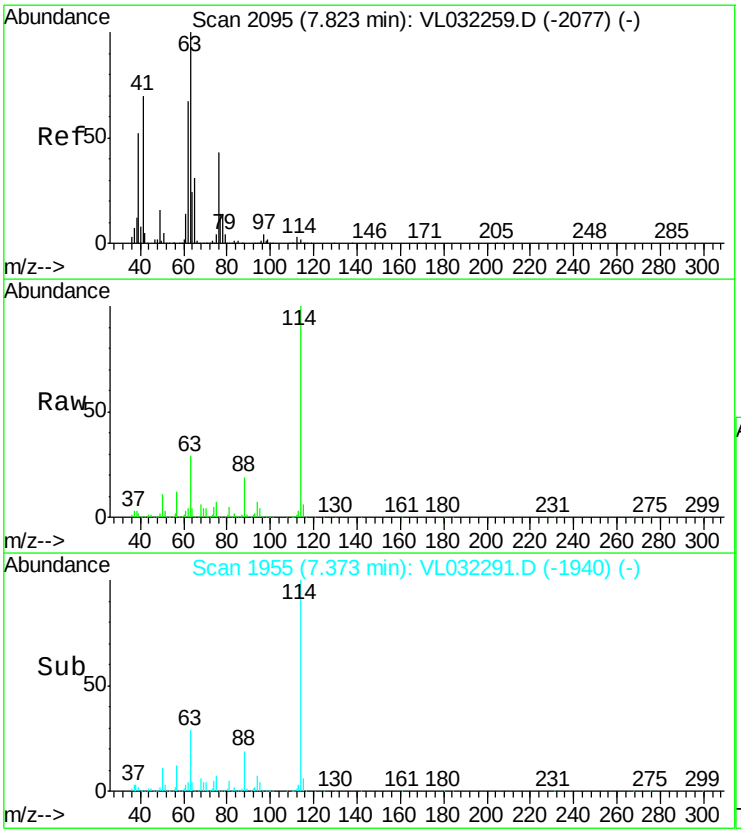
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1954
Delta R.T. -0.01 min
Lab File: VL032291.D
Acq: 19 Jul 2018 16:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3159847

Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.6	33.8
88	19.4	15.2	22.8

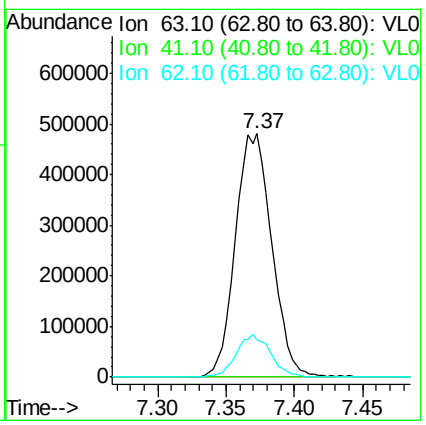


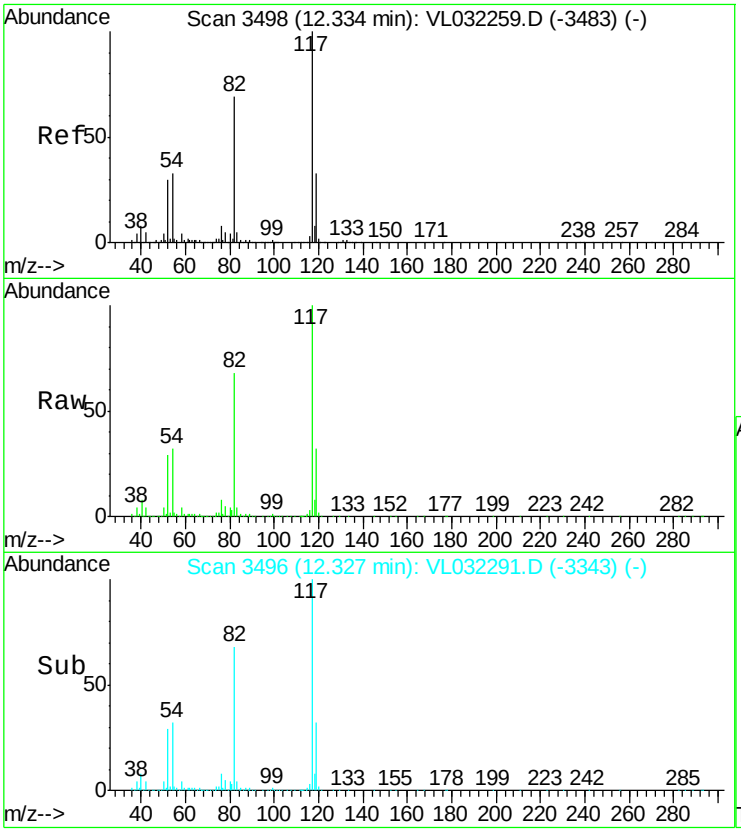


#39
1,2-Dichloropropane
Concen: 7.222 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.45 min
Lab File: VL032291.D
Acq: 19 Jul 2018 16:46

Tgt Ion: 63 Resp: 889339

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.8	83.6#
62	15.4	53.8	80.8#



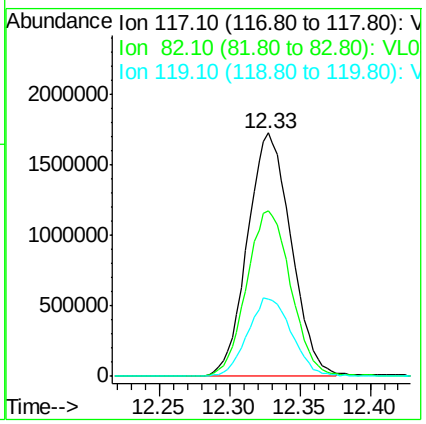


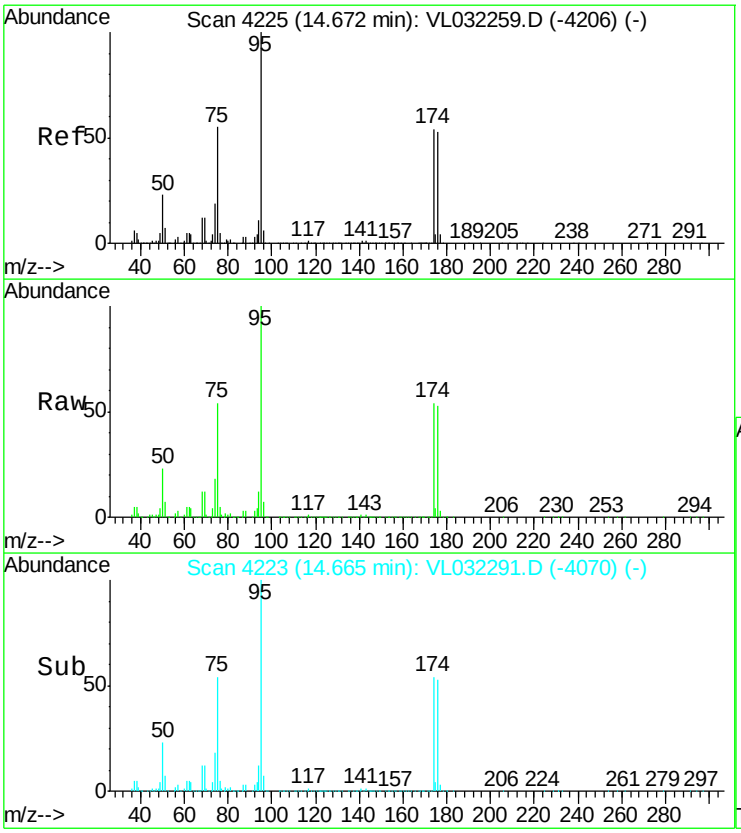
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032291.D
Acq: 19 Jul 2018 16:46

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3731903

Ion	Ratio	Lower	Upper
117	100		
82	69.7	53.9	80.9
119	32.6	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.521 ppbv
RT: 14.66 min Scan# 4223
Delta R.T. -0.01 min
Lab File: VL032291.D
Acq: 19 Jul 2018 16:46

Tgt Ion: 95 Resp: 2880708

Ion	Ratio	Lower	Upper
95	100		
174	56.7	44.3	66.5
175	3.9	3.3	4.9