Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\
Data File : VL033570.D
Acq On : 10 Apr 2019 18:57
Operator : SY/AP
Sample : K2301-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1DL

Quant Time: Apr 11 04:13:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	871989	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2083160	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2168962	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1730498	10.18	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue
13) Ethanol	3.66	45	33601m	3.080	ppbv	
15) Acetone	3.91	43	69673	0.665	ppbv	98
20) Methylene Chloride	4.41	84	27868	0.626	ppbv	98

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

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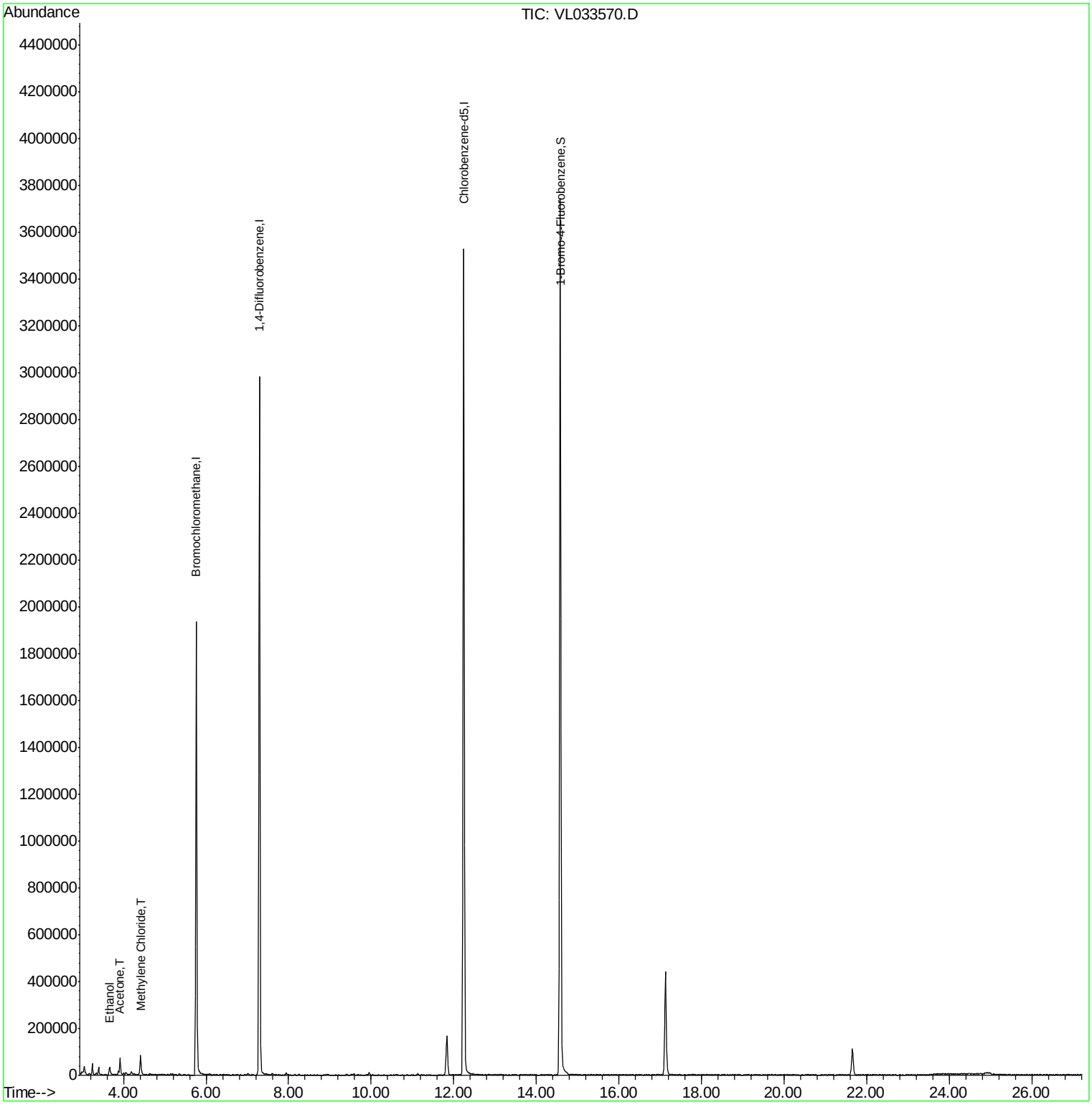
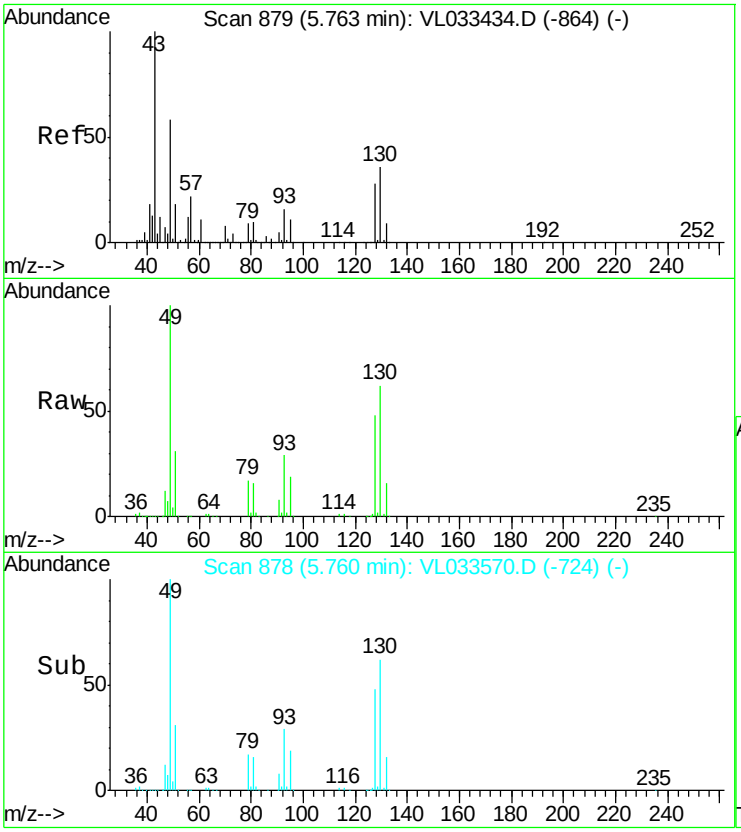


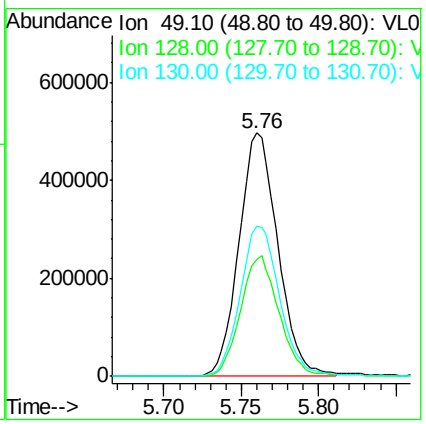


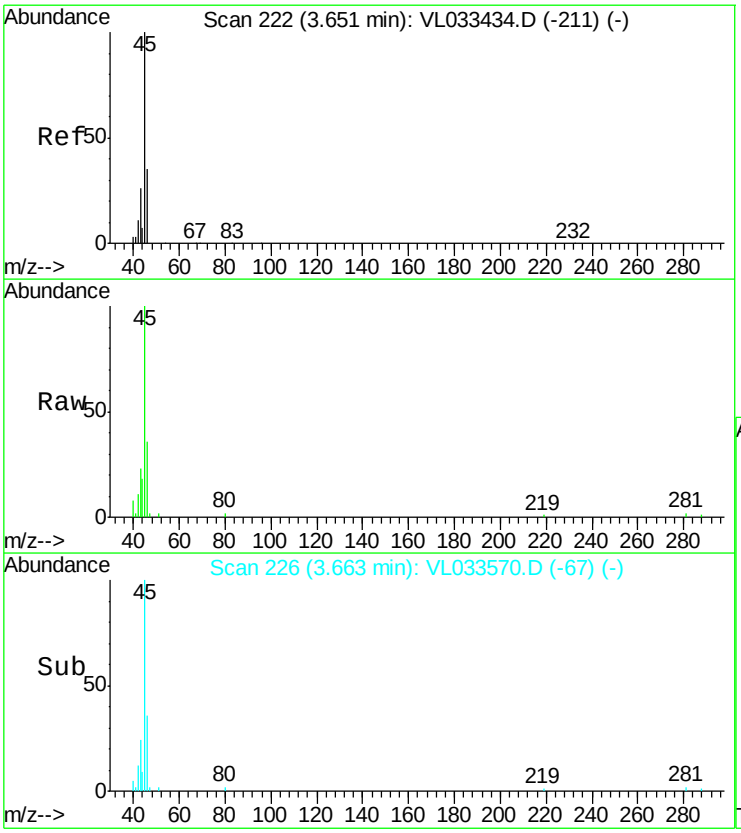
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 49 Resp: 871989

Ion	Ratio	Lower	Upper
49	100		
128	49.3	24.0	72.0
130	63.3	31.2	93.6

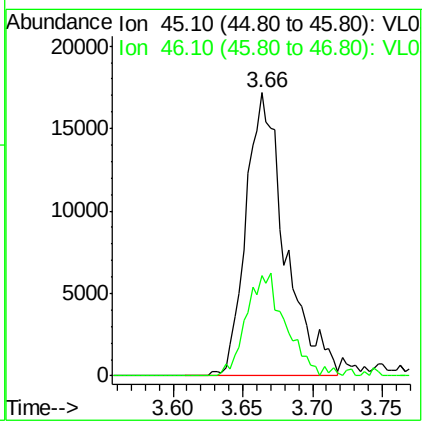


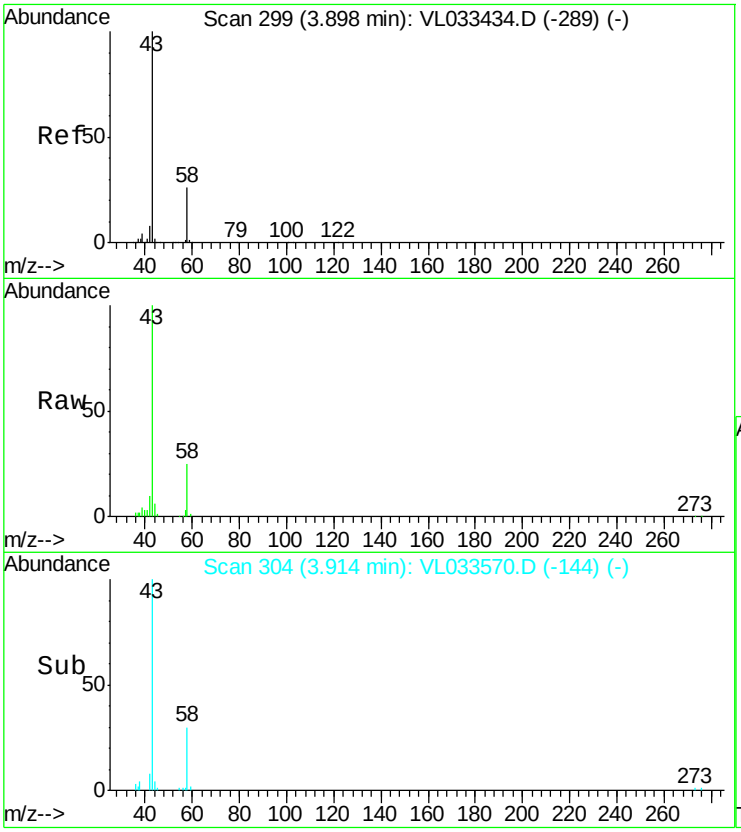


#13
Ethanol
Concen: 3.080 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion: 45 Resp: 33601

Ion	Ratio	Lower	Upper
45	100		
46	0.0	25.4	101.8#



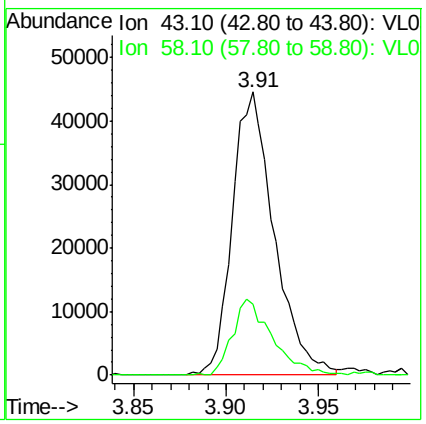


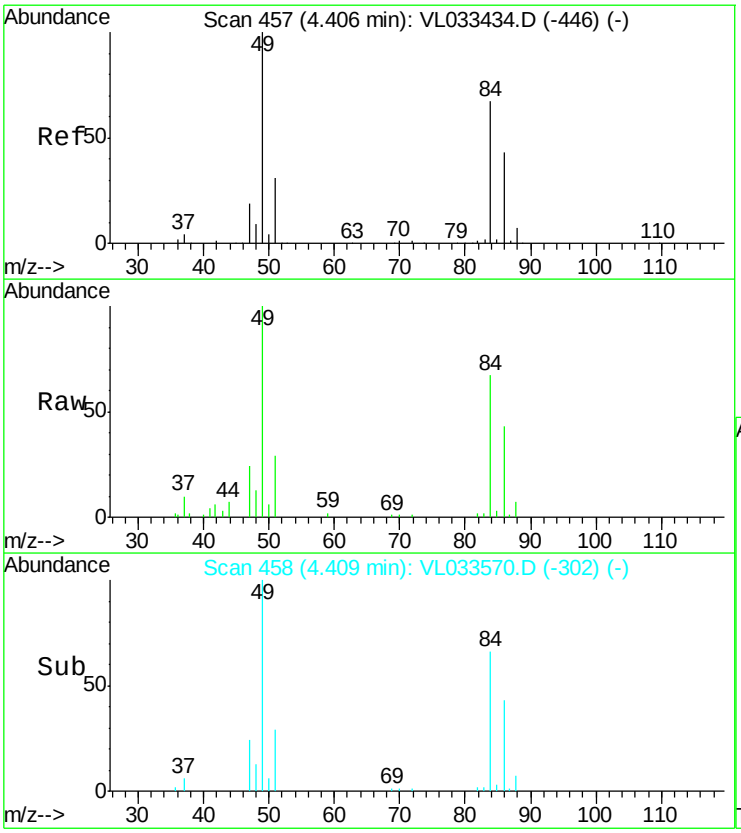
#15
Acetone
Concen: 0.665 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.02 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 69673

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.5	30.7

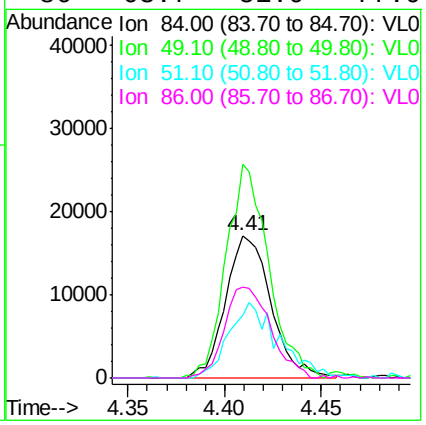


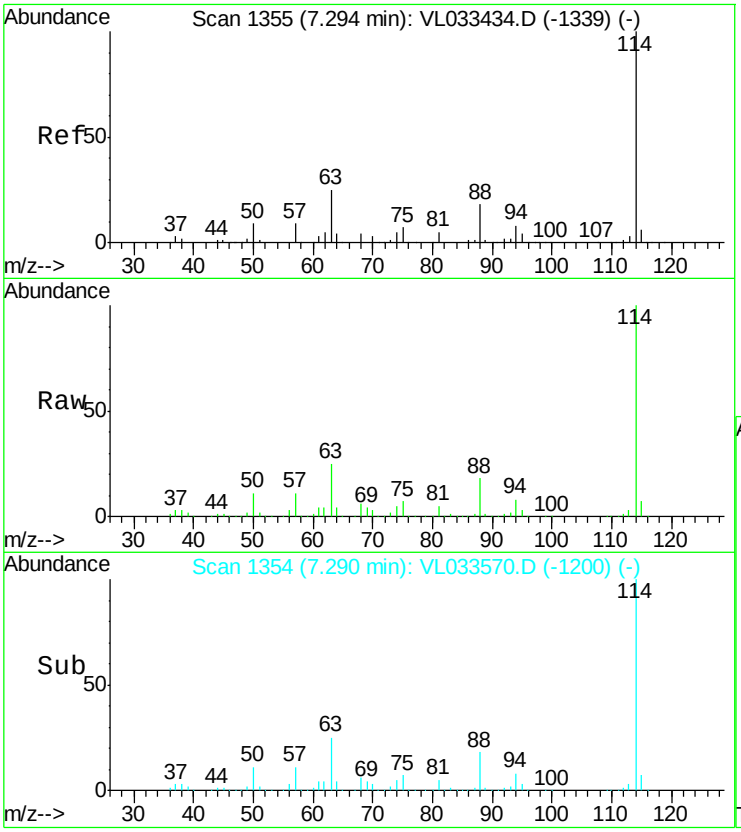


#20
Methylene Chloride
Concen: 0.626 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion: 84 Resp: 27868

Ion	Ratio	Lower	Upper
84	100		
49	148.0	120.0	180.0
51	44.0	36.7	55.1
86	63.7	51.9	77.9



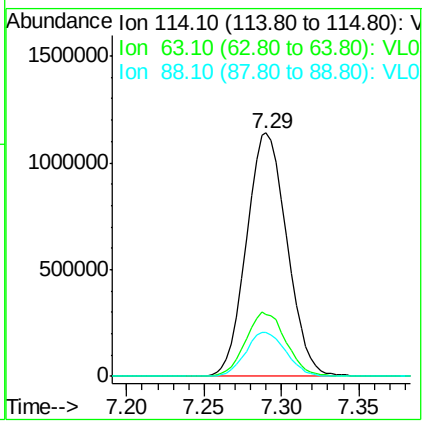


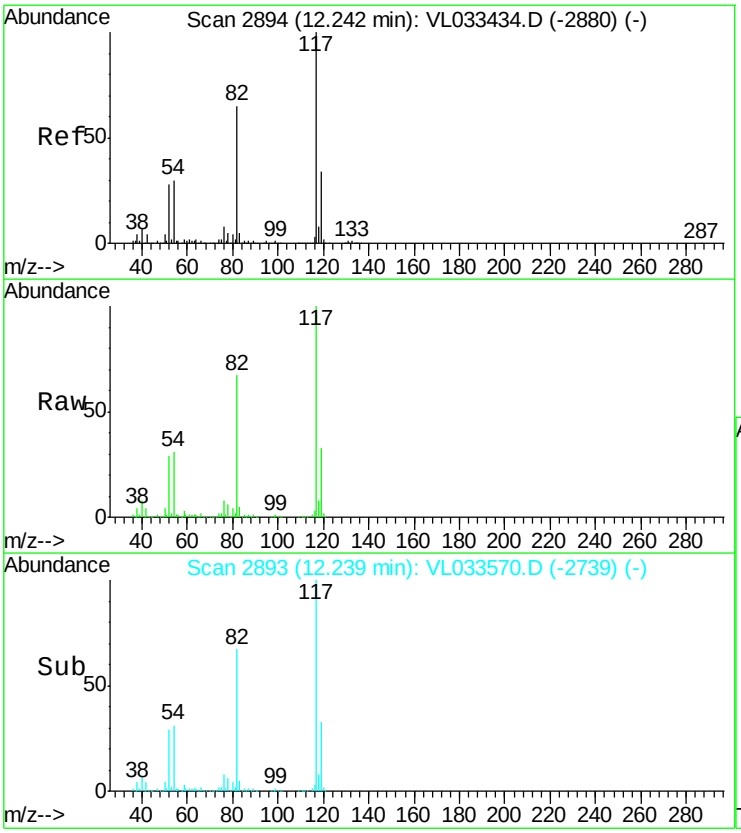
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:114 Resp: 2083160

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.5	32.3
88	18.1	14.5	21.7

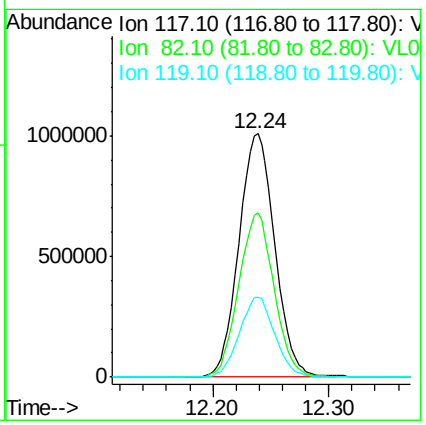


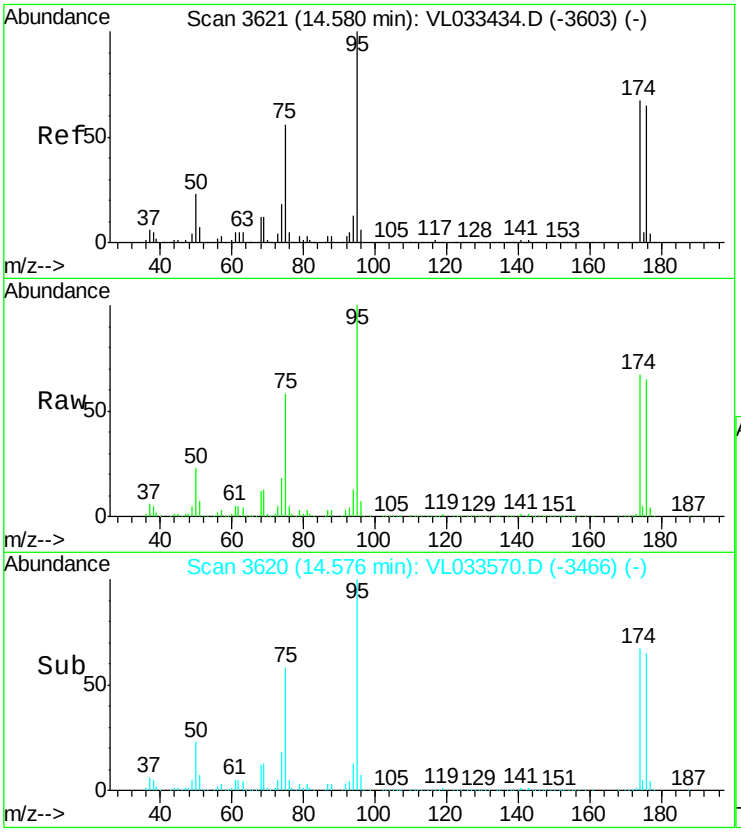


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion:117 Resp: 2168962

Ion	Ratio	Lower	Upper
117	100		
82	66.8	51.5	77.3
119	32.5	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.177 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 95 Resp: 1730498

Ion	Ratio	Lower	Upper
95	100		
174	66.6	52.9	79.3
175	5.0	3.8	5.6