Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050219\
Data File : VL033647.D
Acq On : 3 May 2019 3:42
Operator : SY/AP
Sample : K2628-11DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-11DL

Quant Time: May 03 04:48:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050119AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 02 06:29:02 2019
QLast Update : Thu May 02 06:29:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	890472	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2114201	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2216137	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1812200	10.74	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	13175	0.098	ppbv	95
3) Chlorodifluoromethane	2.99	51	101667	0.955	ppbv #	61
4) Chloromethane	3.17	50	4088	0.070	ppbv #	77
13) Ethanol	3.65	45	22105	1.599	ppbv #	38
15) Acetone	3.91	43	52479	0.484	ppbv	96
19) Isopropyl Alcohol	4.05	45	8699	0.117	ppbv #	94
20) Methylene Chloride	4.40	84	3904	0.092	ppbv #	76
26) Hexane	5.78	57	4053	0.047	ppbv #	45
39) 1,2-Dichloropropane	7.28	63	567604	8.355	ppbv #	24
53) Toluene	9.94	91	61878	0.272	ppbv	98

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

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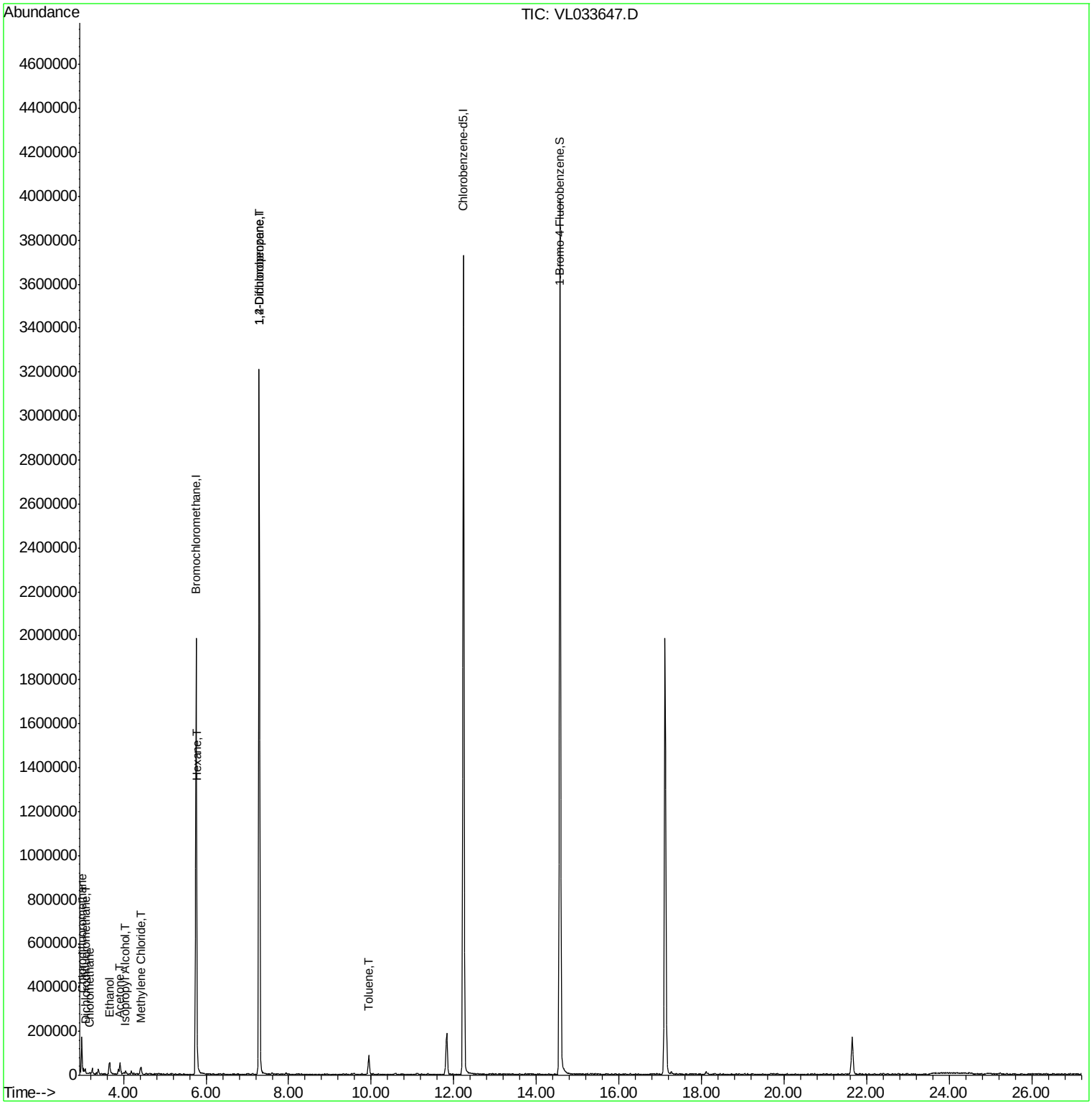
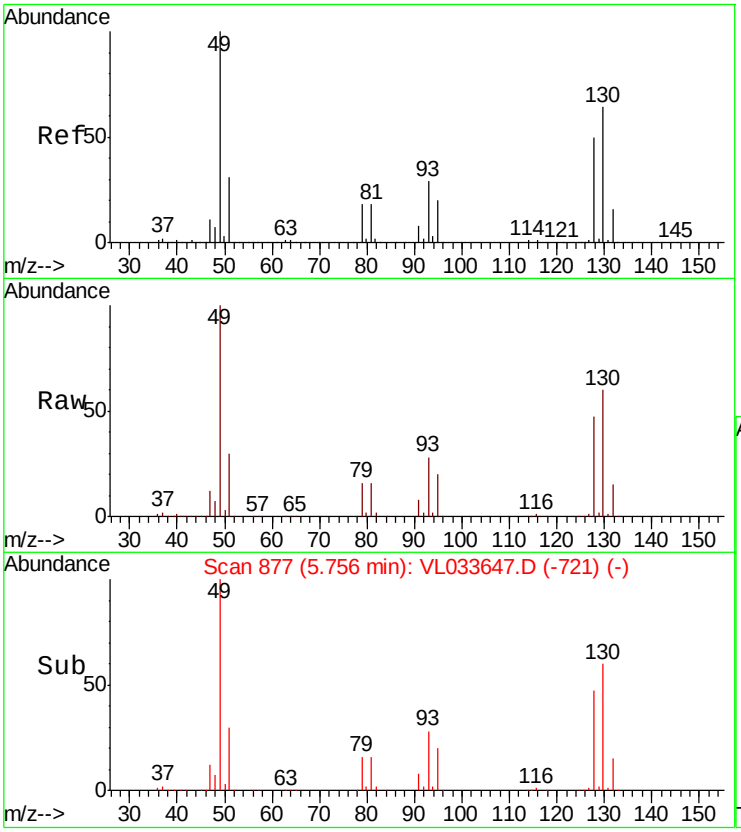


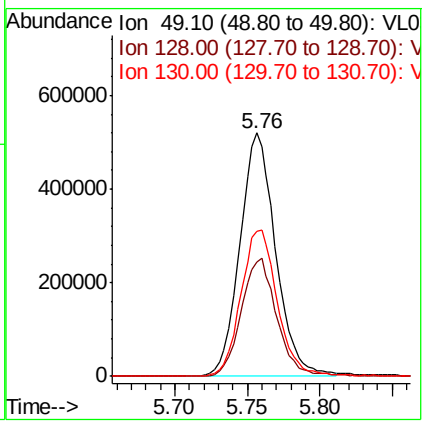


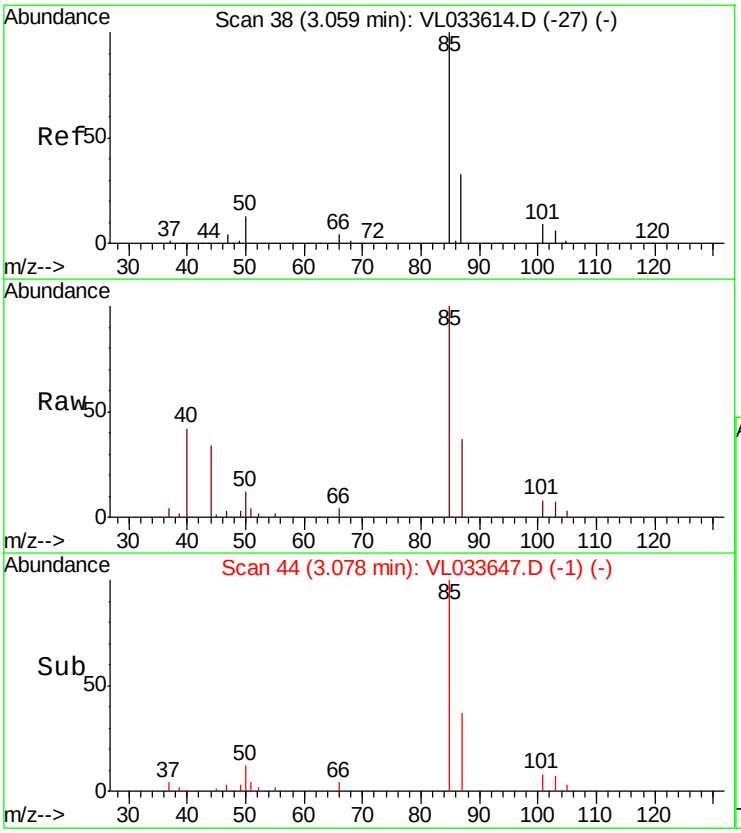
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. 0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument :
MSVOA_L
ClientSampleId :
A-11DL

Tgt Ion: 49 Resp: 890472

Ion	Ratio	Lower	Upper
49	100		
128	48.5	25.0	75.0
130	62.2	31.9	95.9

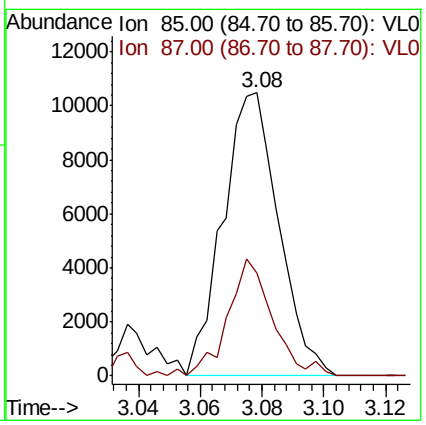


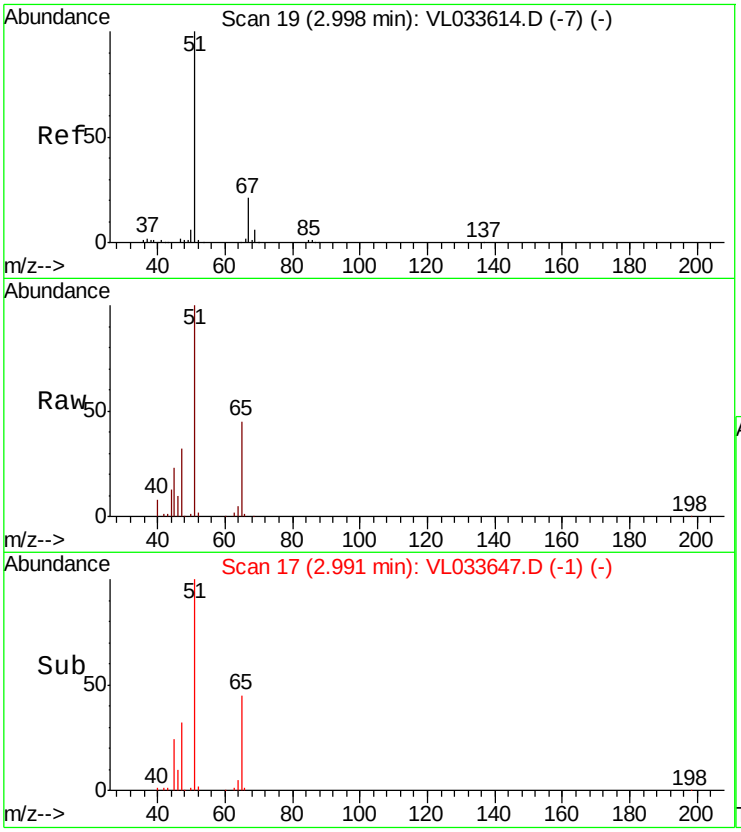


#2
Dichlorodifluoromethane
Concen: 0.098 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.02 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 85 Resp: 13175

Ion	Ratio	Lower	Upper
85	100		
87	36.5	26.8	40.2



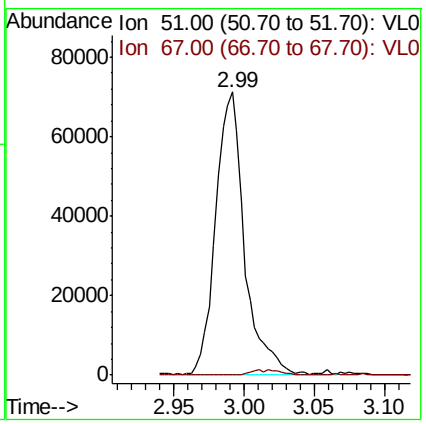


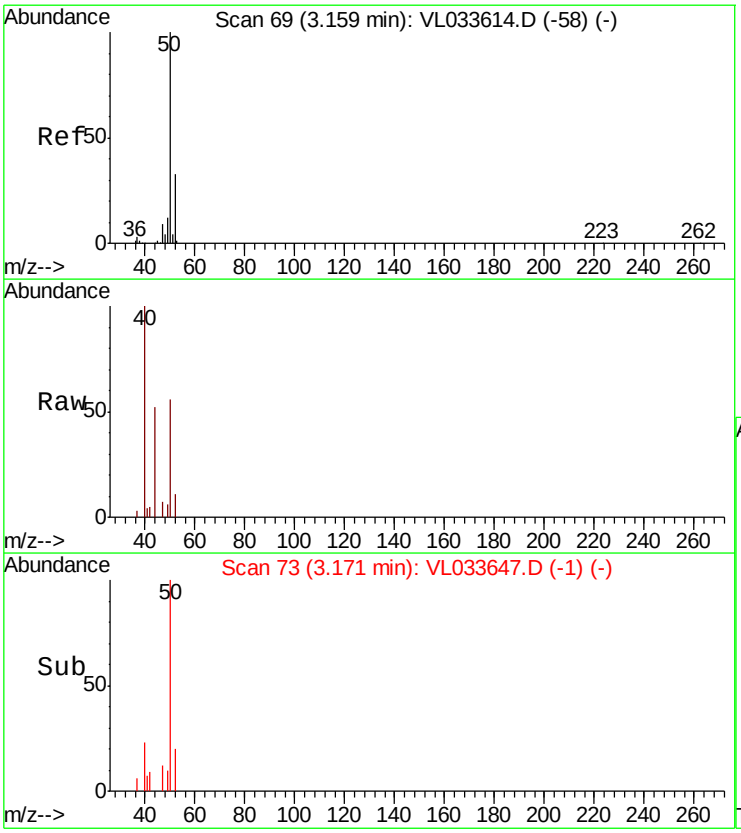
#3
Chlorodifluoromethane
Concen: 0.955 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.01 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument : MSVOA_L
ClientSampleId : A-11DL

Tgt Ion: 51 Resp: 101667

Ion	Ratio	Lower	Upper
51	100		
67	1.9	15.6	23.4#

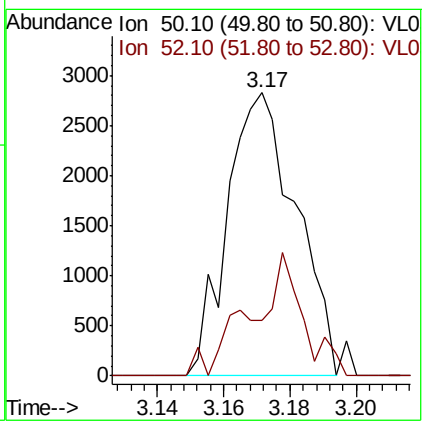


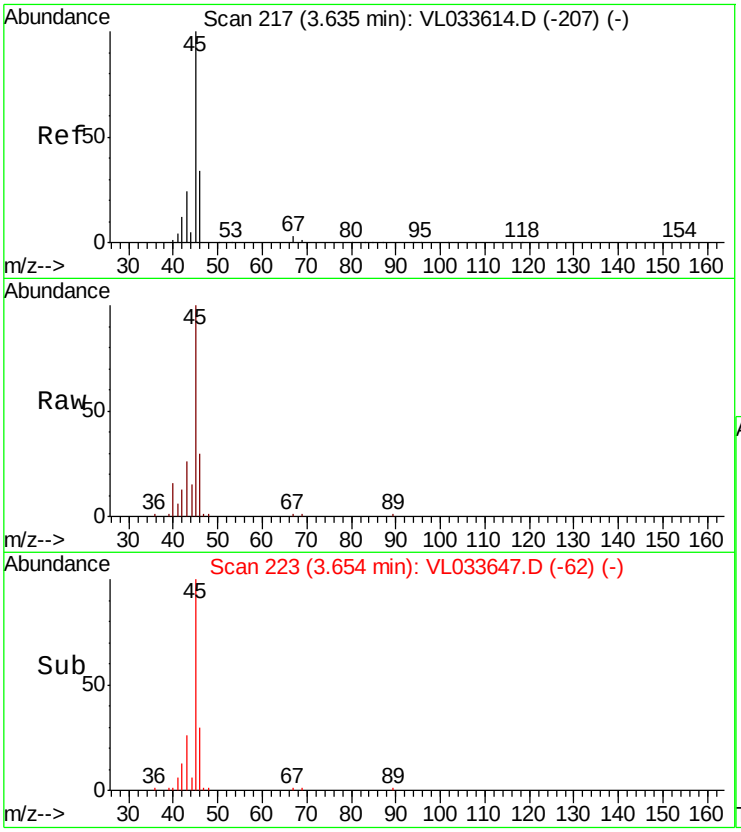


#4
Chloromethane
Concen: 0.070 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.01 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 50 Resp: 4088

Ion	Ratio	Lower	Upper
50	100		
52	19.7	26.0	39.0#



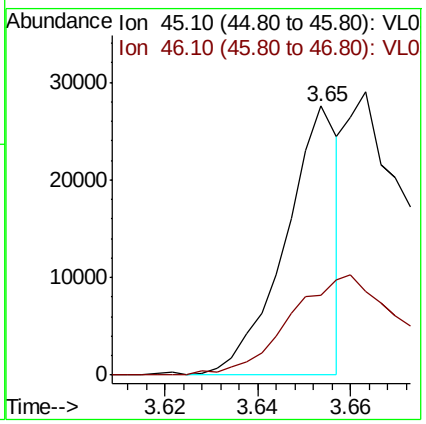


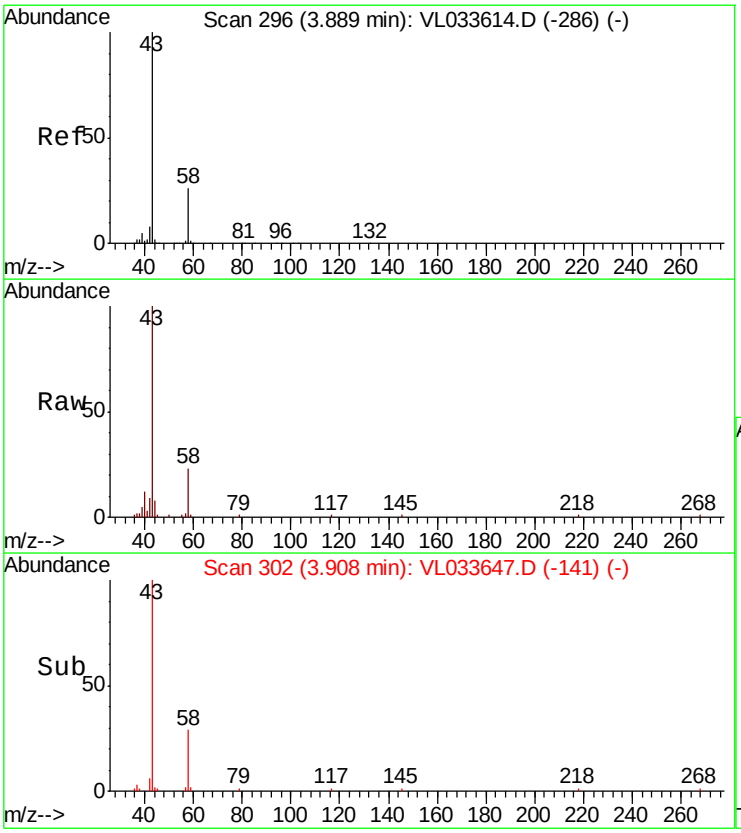
#13
Ethanol
Concen: 1.599 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.02 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument : MSVOA_L
ClientSampleId : A-11DL

Tgt Ion: 45 Resp: 22105

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.6	58.2#

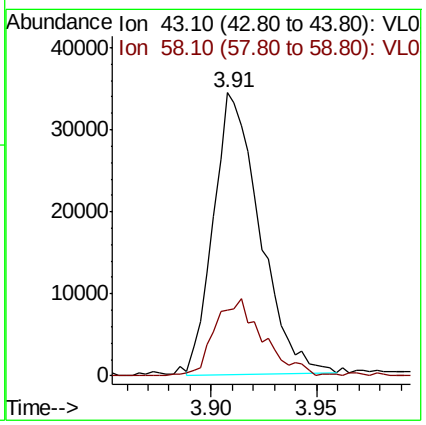


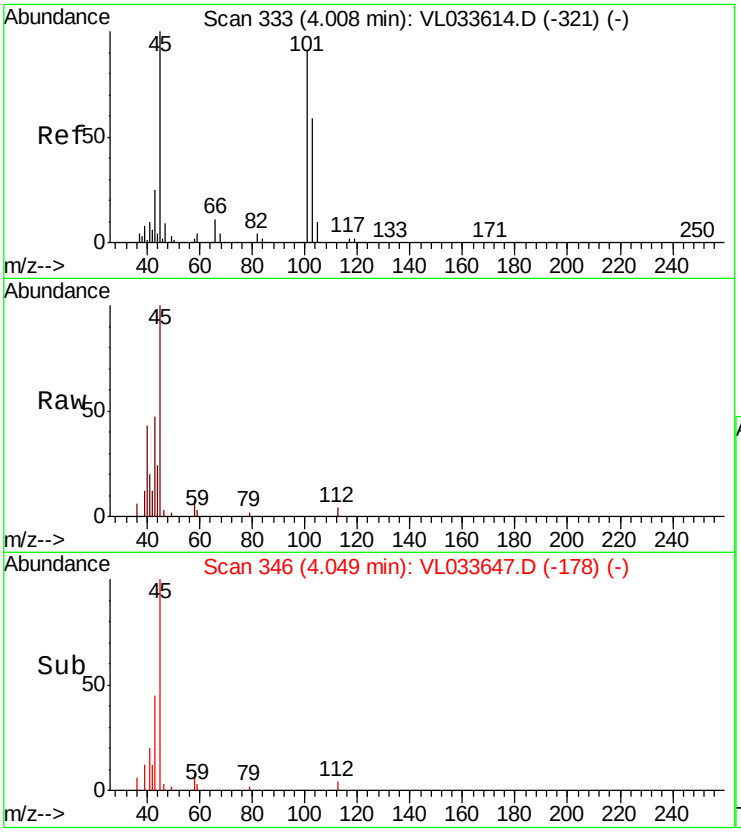


#15
Acetone
Concen: 0.484 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.02 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 43 Resp: 52479

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.2	31.8



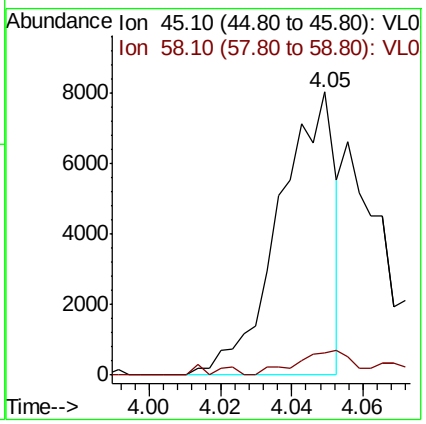


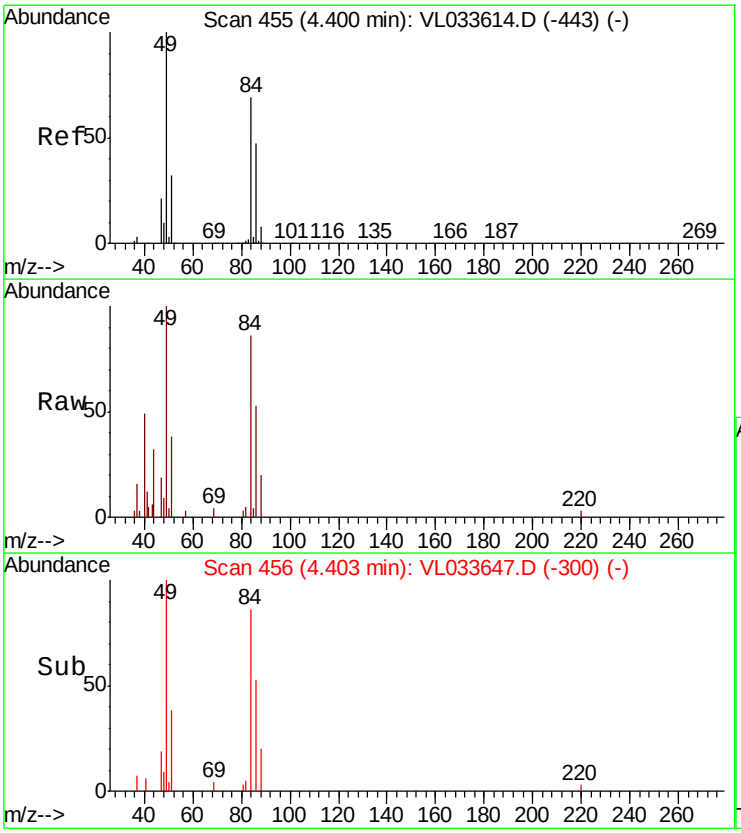
#19
Isopropyl Alcohol
Concen: 0.117 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.04 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument : MSVOA_L
ClientSampleId : A-11DL

Tgt Ion: 45 Resp: 8699

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#

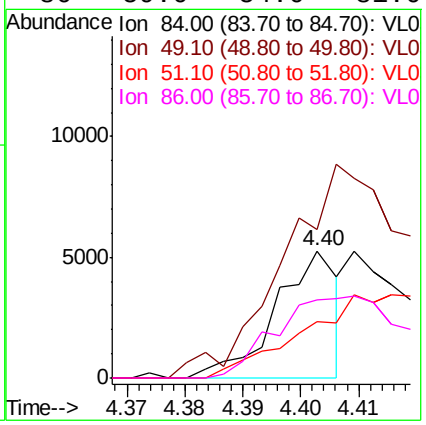


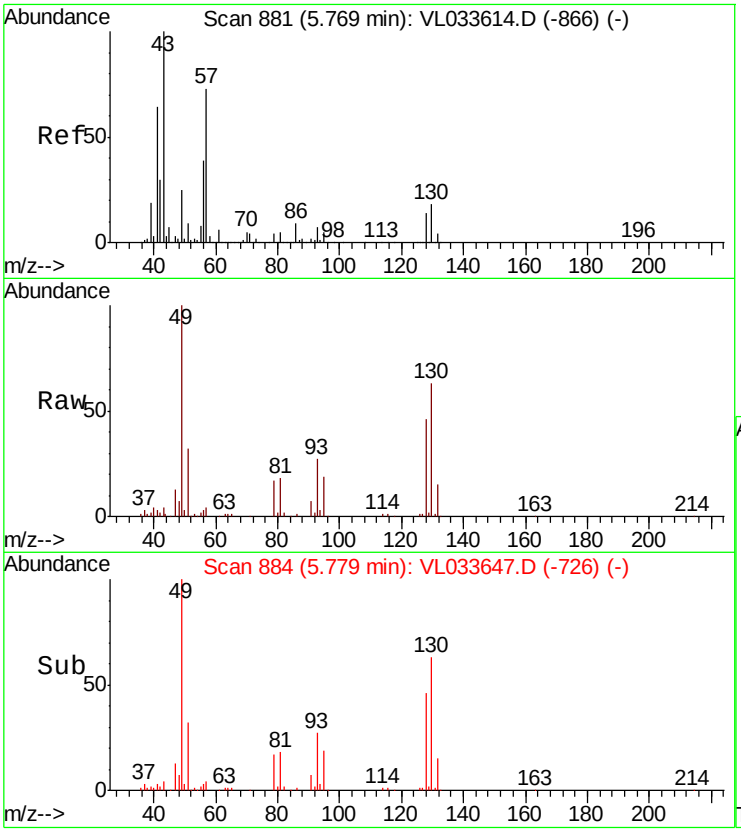


#20
Methylene Chloride
Concen: 0.092 ppbv
RT: 4.40 min Scan# 456
Delta R.T. 0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 84 Resp: 3904

Ion	Ratio	Lower	Upper
84	100		
49	100.0	116.2	174.2#
51	42.8	37.0	55.6
86	59.0	54.0	81.0



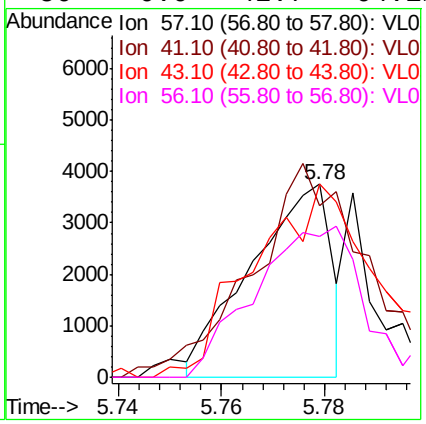


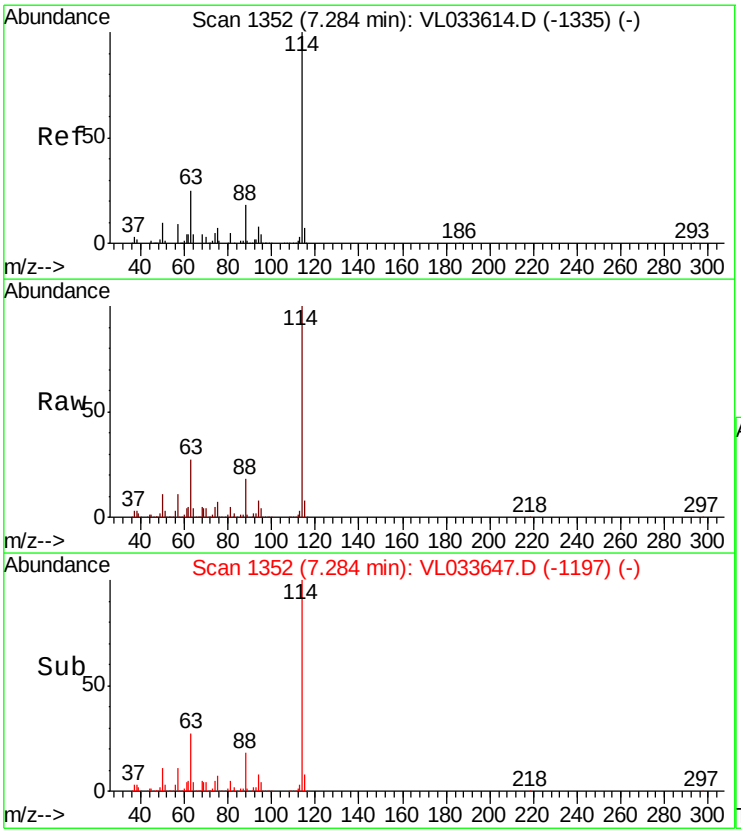
#26
Hexane
Concen: 0.047 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument :
MSVOA_L
ClientSampleId :
A-11DL

Tgt Ion: 57 Resp: 4053

Ion	Ratio	Lower	Upper
57	100		
41	155.6	70.6	106.0#
43	159.6	186.0	279.0#
56	0.0	42.7	64.1#

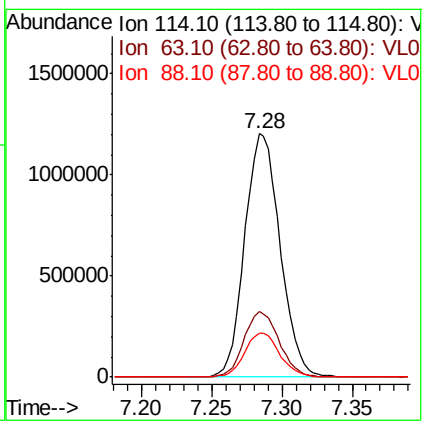


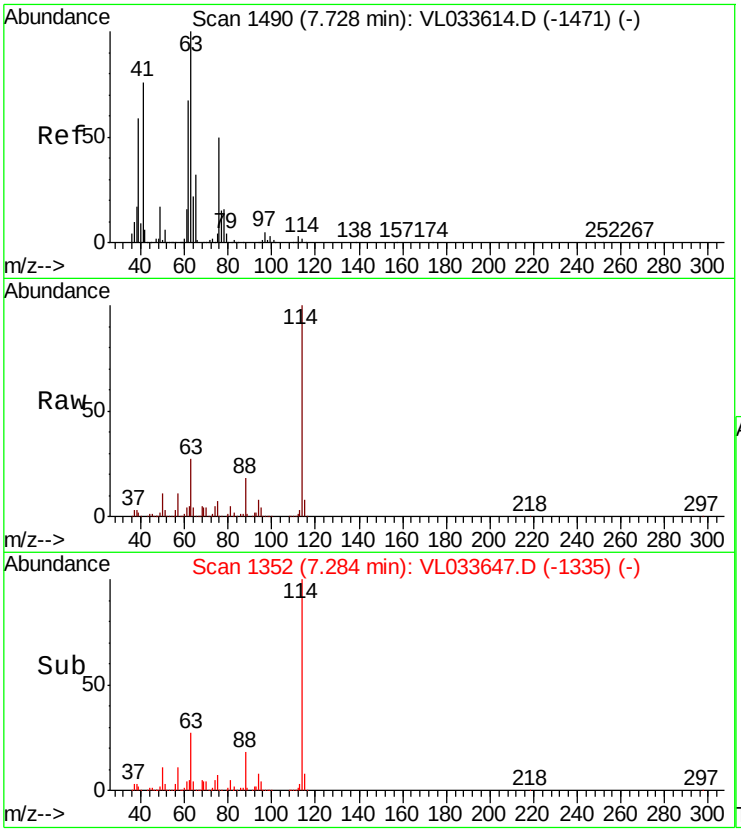


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion:114 Resp: 2114201

Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.1	31.7
88	18.1	14.2	21.4



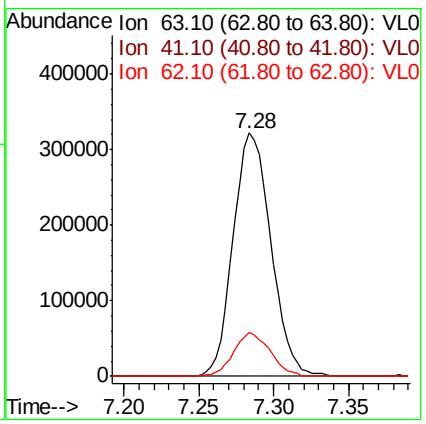


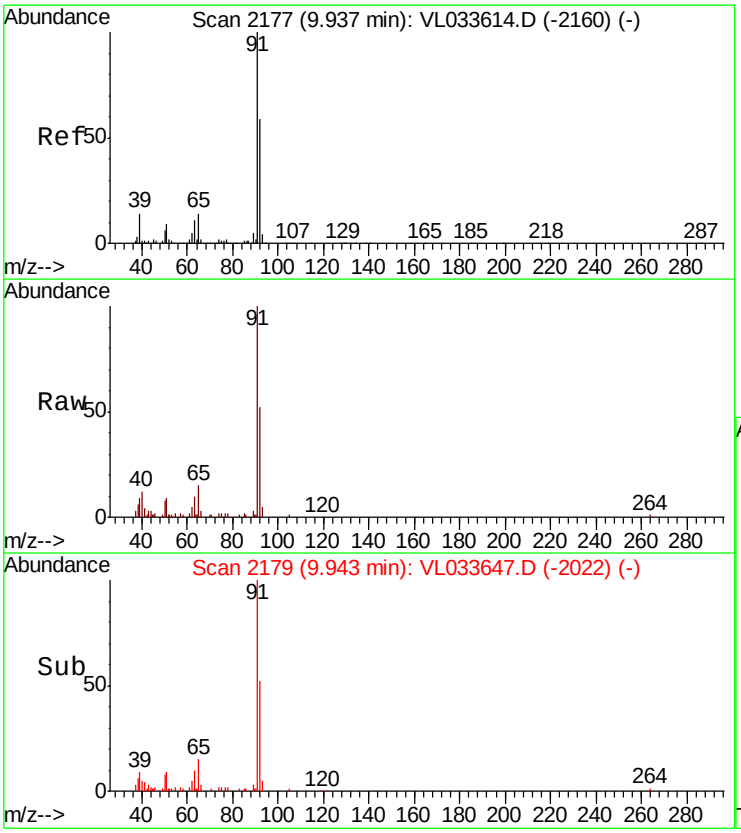
#39
1,2-Dichloropropane
Concen: 8.355 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.44 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument : MSVOA_L
ClientSampleId : A-11DL

Tgt Ion: 63 Resp: 567604

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.9	91.3#
62	17.8	53.3	79.9#

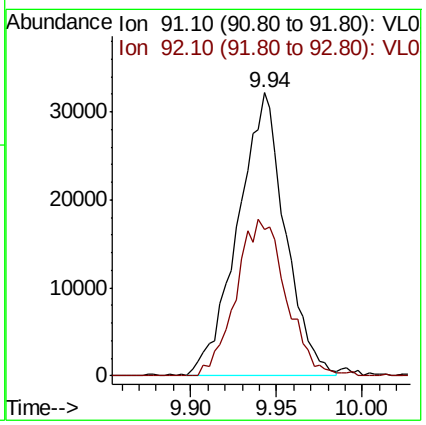


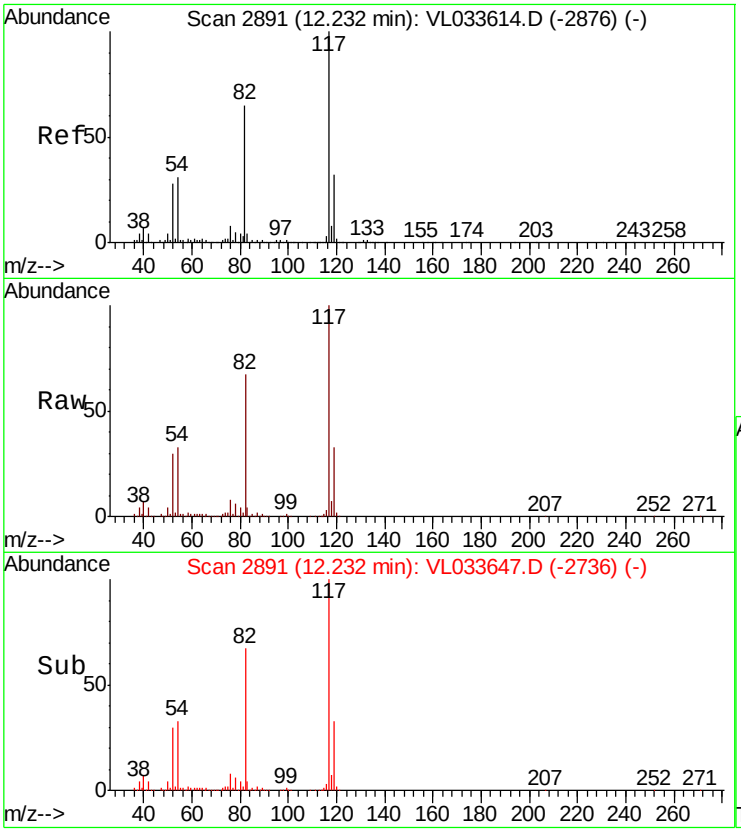


#53
Toluene
Concen: 0.272 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 91 Resp: 61878

Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.8	71.6



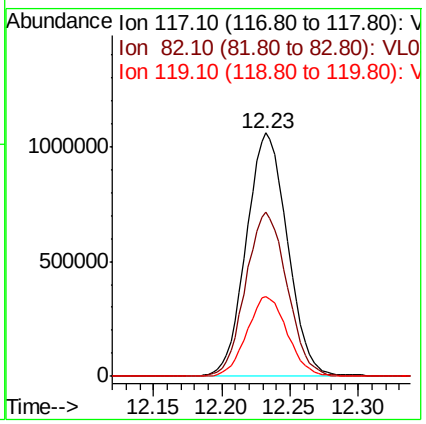


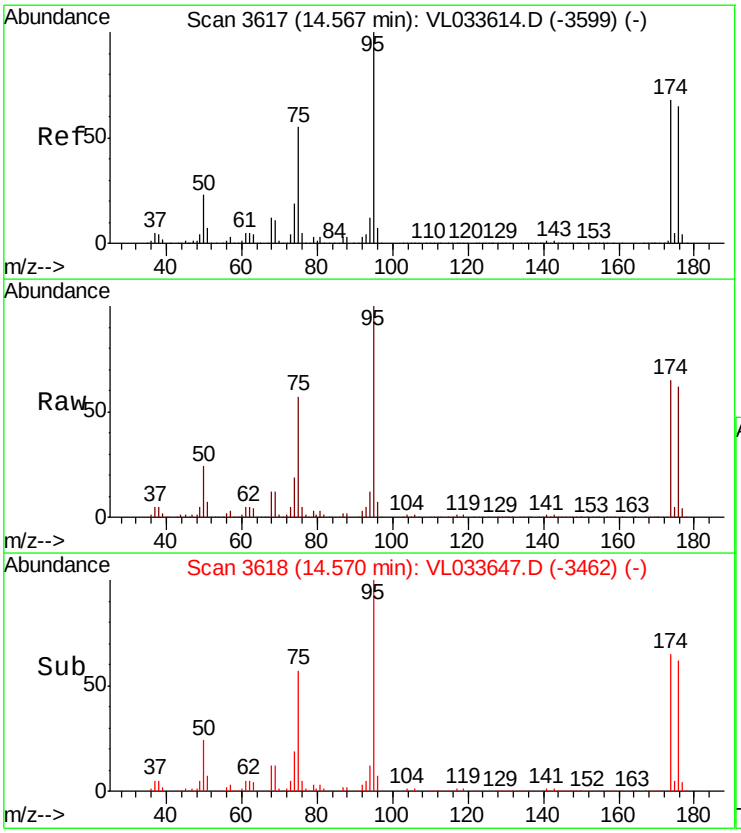
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument : MSVOA_L
ClientSampleId : A-11DL

Tgt Ion:117 Resp: 2216137

Ion	Ratio	Lower	Upper
117	100		
82	68.4	52.6	78.8
119	32.6	28.3	42.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.741 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 95 Resp: 1812200

Ion	Ratio	Lower	Upper
95	100		
174	65.8	53.9	80.9
175	4.6	4.0	6.0