Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033823.D
Acq On : 29 May 2019 4:27
Operator : SY/AP
Sample : K2960-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55DL

Quant Time: May 29 05:35:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	806609	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2068618	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1900673	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1525169	9.90	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	3422	0.037	ppbv #	85
4) Chloromethane	3.17	50	827	0.016	ppbv #	76
8) Dichlorotetrafluoroethane	3.08	85	2812	0.021	ppbv #	16
13) Ethanol	3.66	45	944	0.074	ppbv #	1
15) Acetone	3.91	43	8547	0.076	ppbv #	5
16) 1,3-Butadiene	3.35	39	1296	0.029	ppbv #	6
19) Isopropyl Alcohol	4.06	45	2190	0.030	ppbv #	94
20) Methylene Chloride	4.40	84	1091	0.025	ppbv	93
26) Hexane	5.77	57	1179	0.014	ppbv #	54
39) 1,2-Dichloropropane	7.28	63	508803	7.252	ppbv #	22

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033823.D
Acq On : 29 May 2019 4:27
Operator : SY/AP
Sample : K2960-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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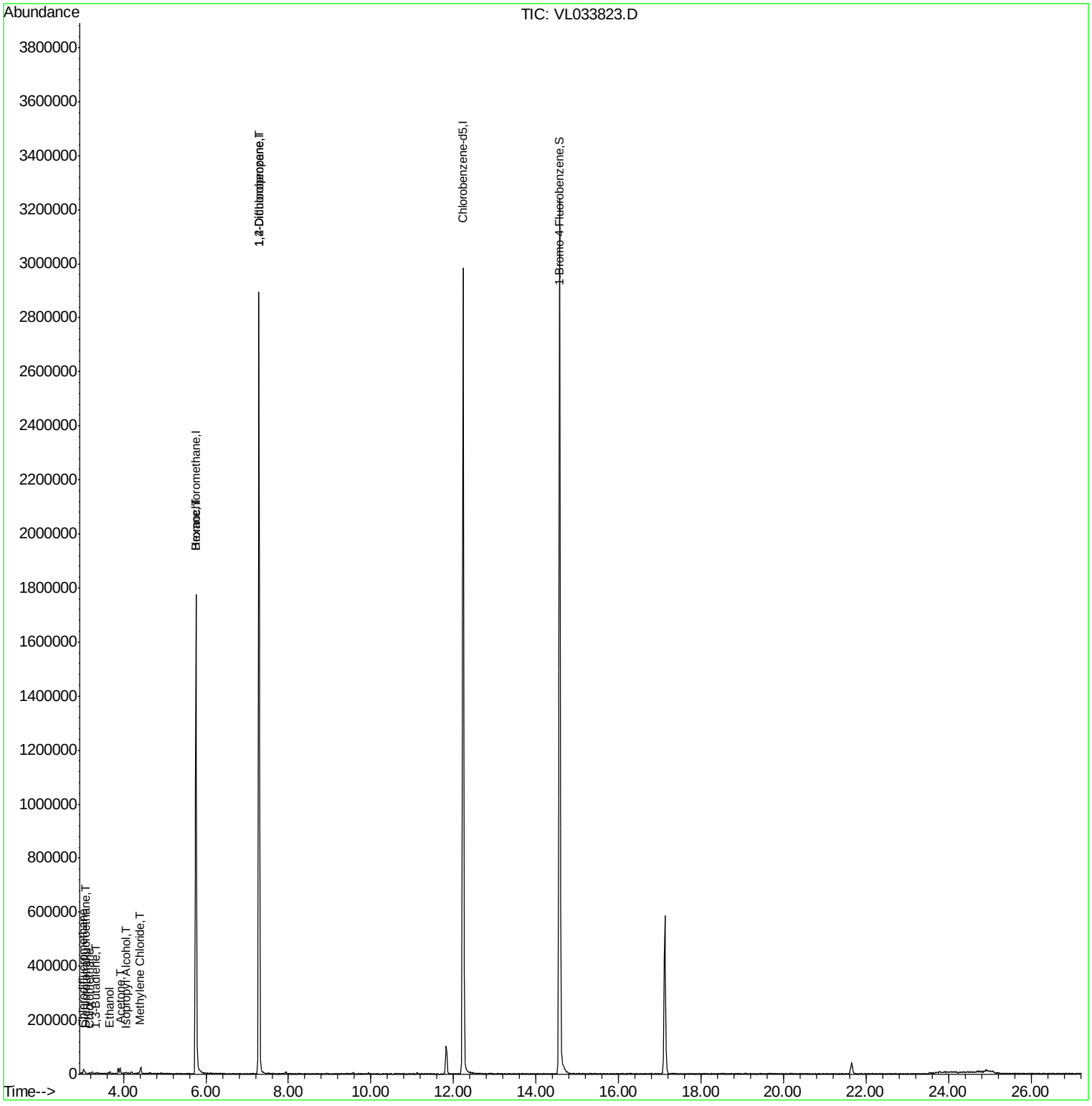
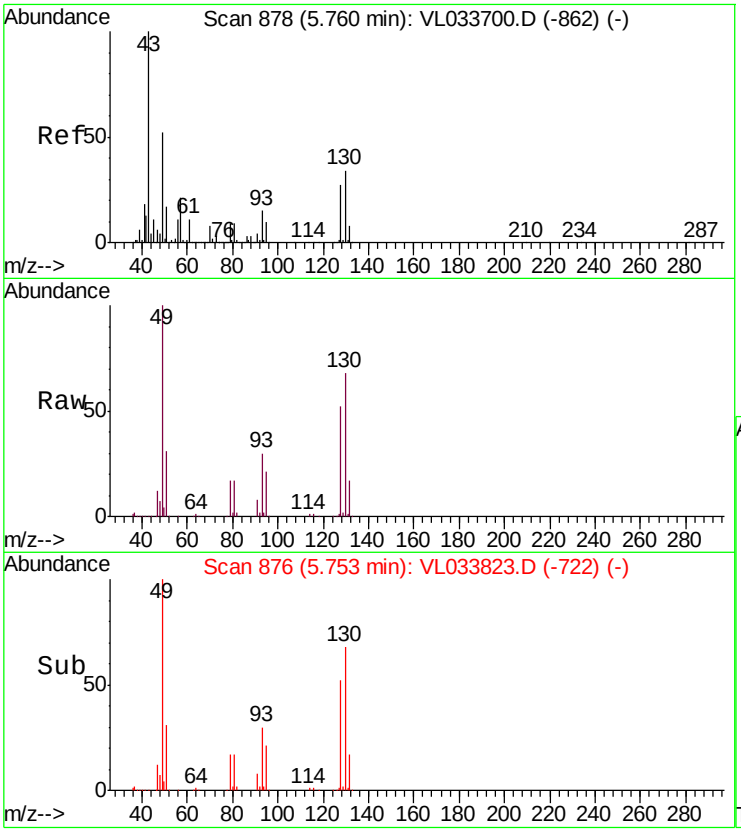
Quant Time: May 29 05:35:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



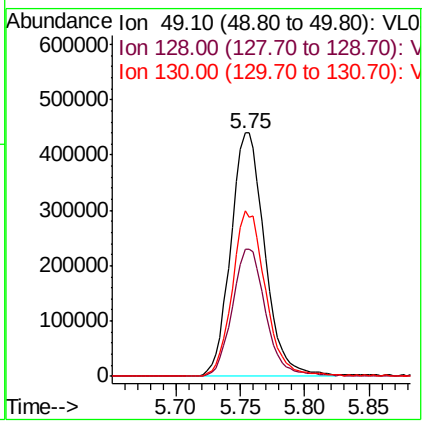


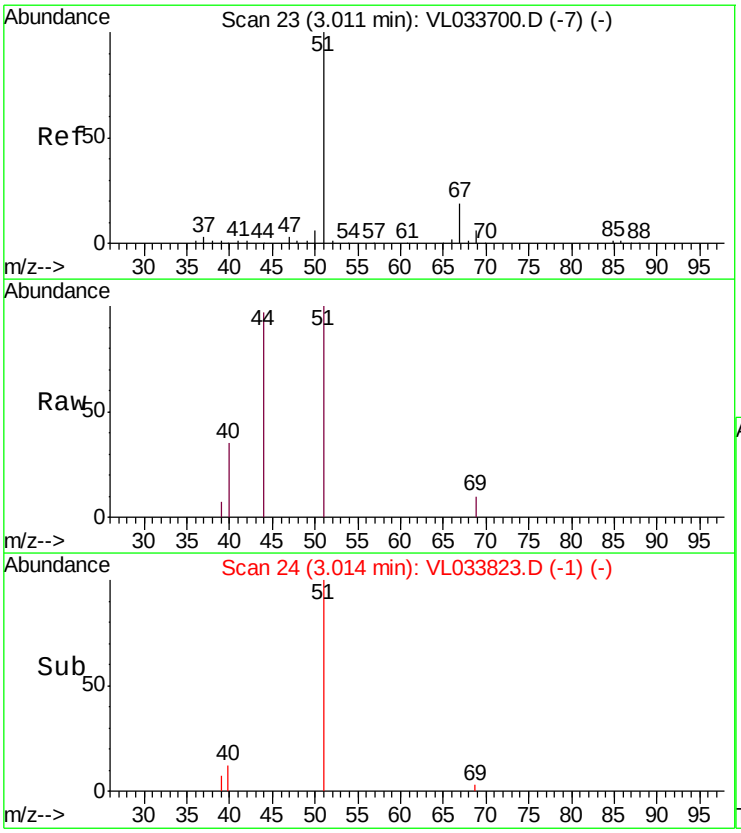
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55DL

Tgt Ion: 49 Resp: 806609

Ion	Ratio	Lower	Upper
49	100		
128	51.9	25.2	75.6
130	67.0	32.5	97.5

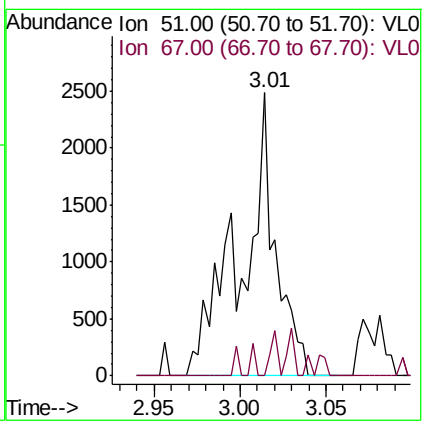


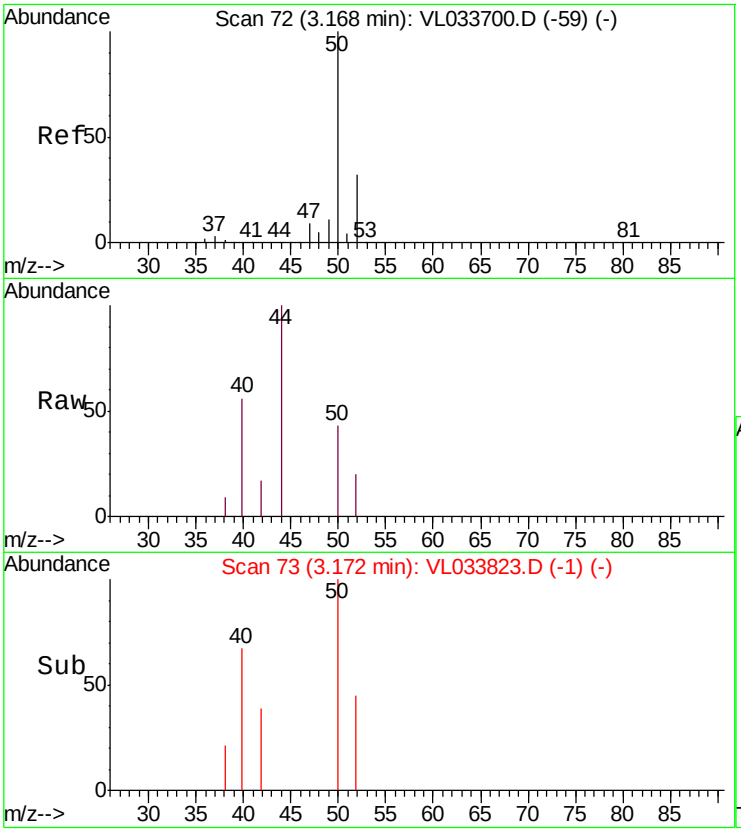


#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 51 Resp: 3422

Ion	Ratio	Lower	Upper
51	100		
67	12.7	15.6	23.4#



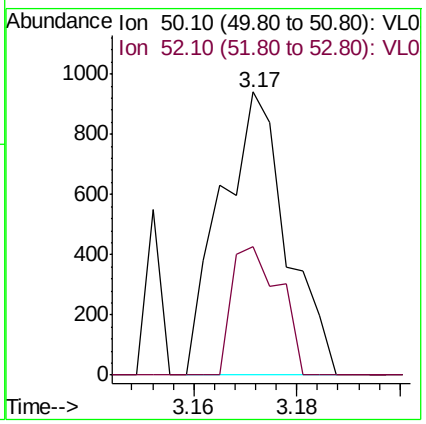


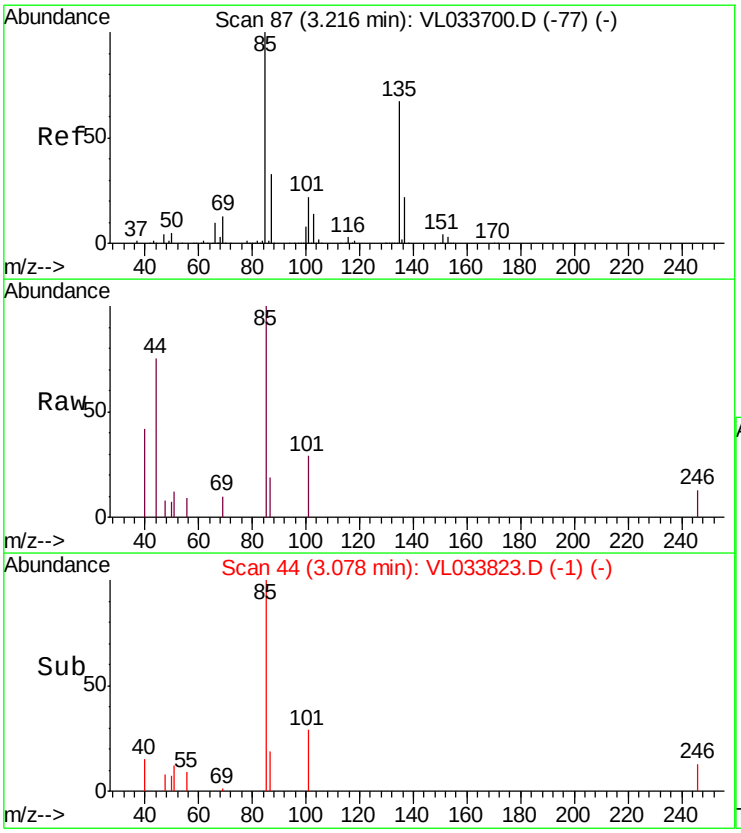
#4
Chloromethane
Concen: 0.016 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55DL

Tgt Ion: 50 Resp: 827

Ion	Ratio	Lower	Upper
50	100		
52	45.4	25.7	38.5#

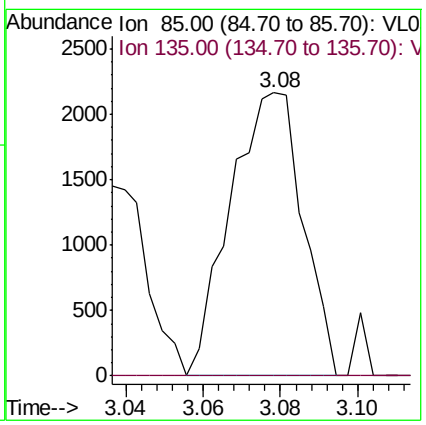


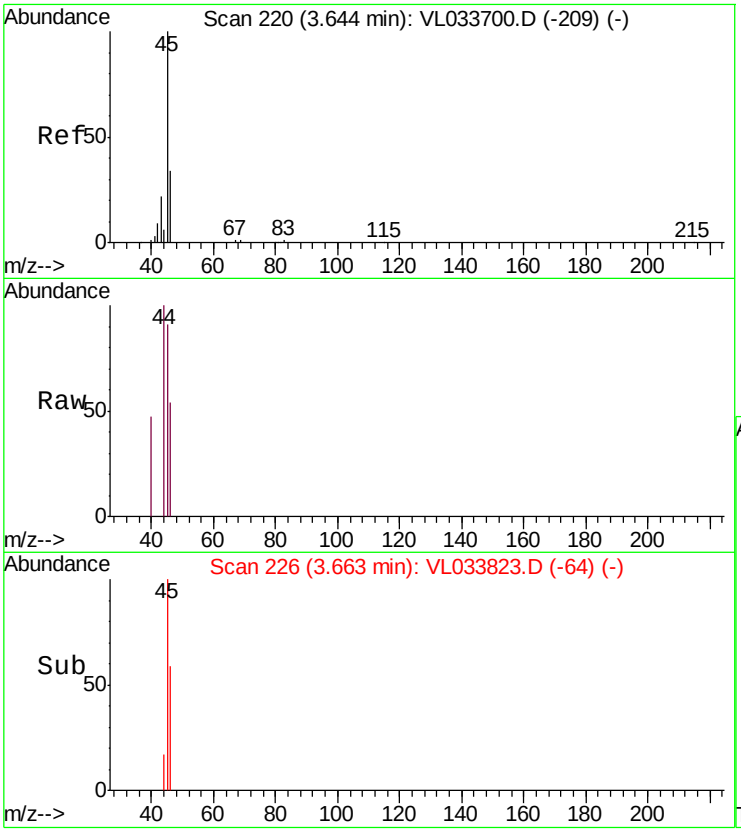


#8
Dichlorotetrafluoroethane
Concen: 0.021 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.14 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 85 Resp: 2812

Ion	Ratio	Lower	Upper
85	100		
135	0.0	54.5	81.7#



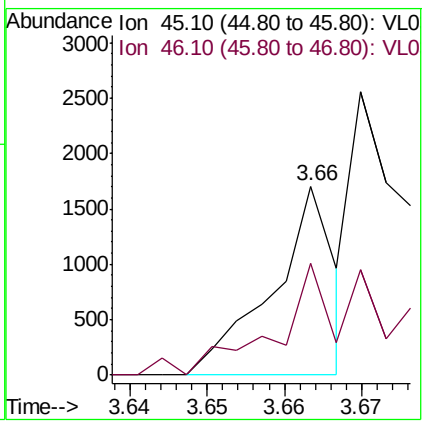


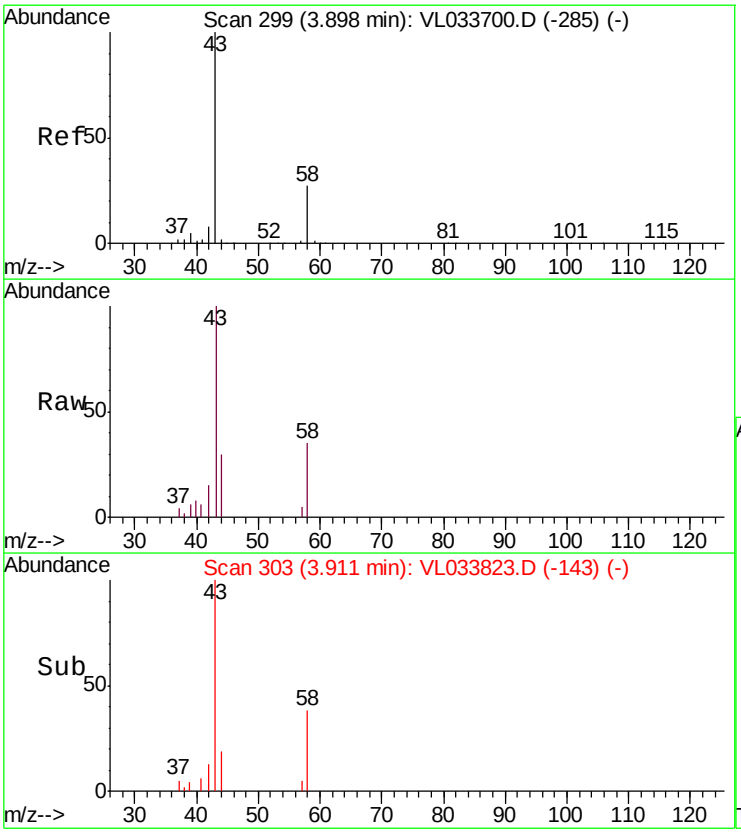
#13
Ethanol
Concen: 0.074 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.02 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55DL

Tgt Ion: 45 Resp: 944

Ion	Ratio	Lower	Upper
45	100		
46	118.6	14.8	59.0#

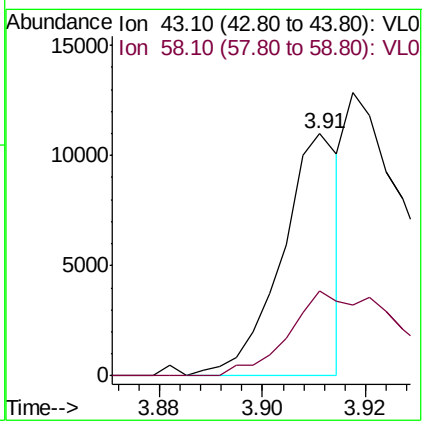


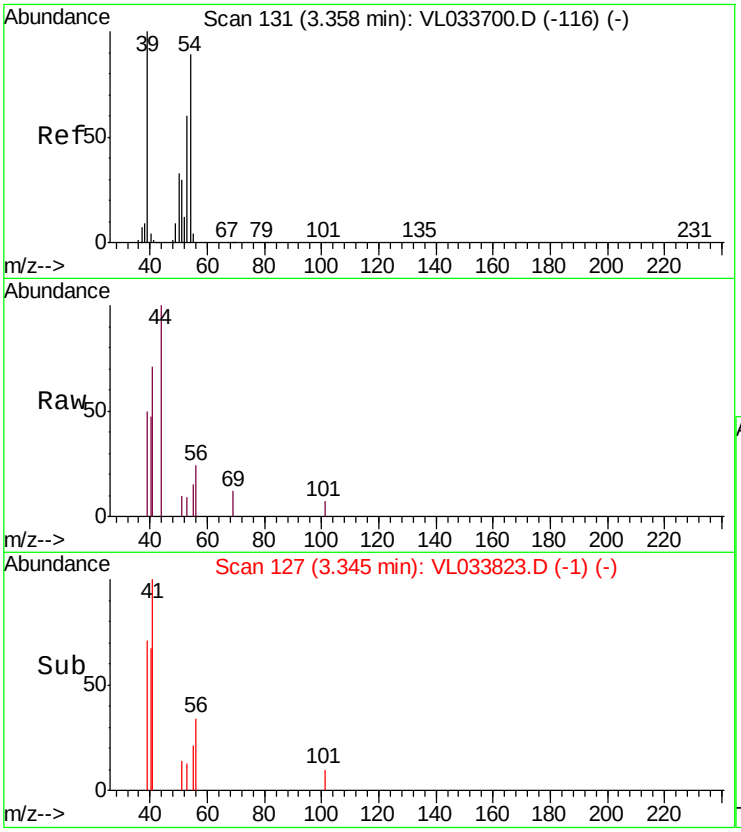


#15
Acetone
Concen: 0.076 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 43 Resp: 8547

Ion	Ratio	Lower	Upper
43	100		
58	75.7	21.3	31.9#



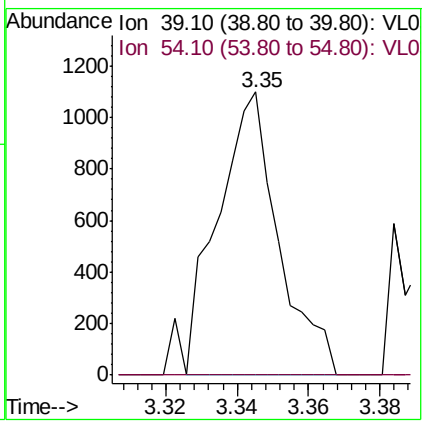


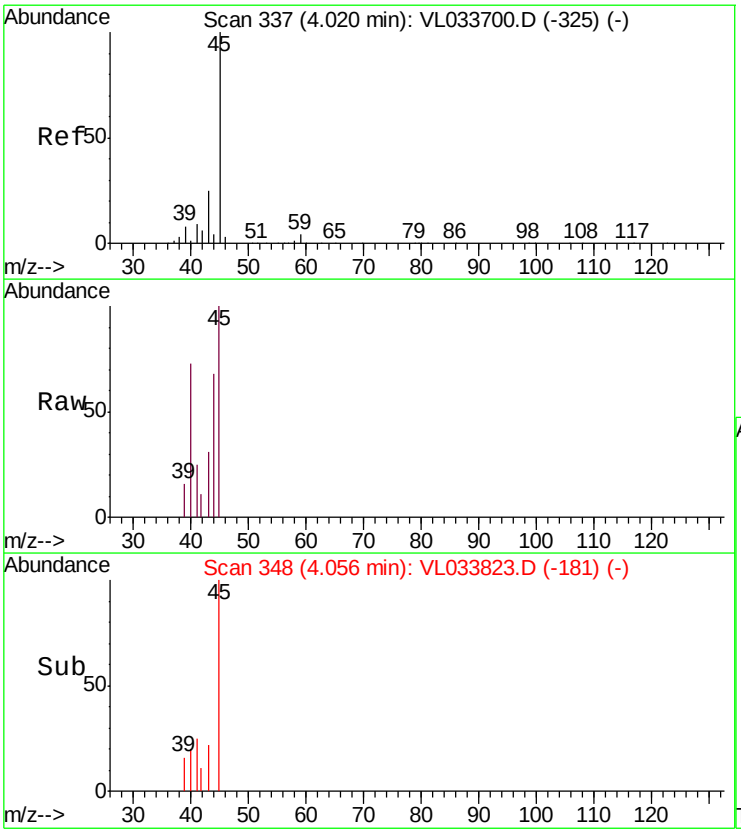
#16
1,3-Butadiene
Concen: 0.029 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55DL

Tgt Ion: 39 Resp: 1296

Ion	Ratio	Lower	Upper
39	100		
54	0.0	69.0	103.6#

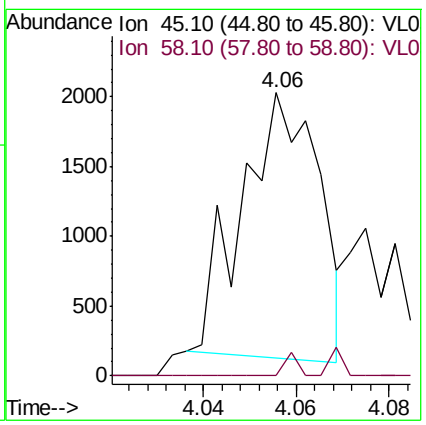


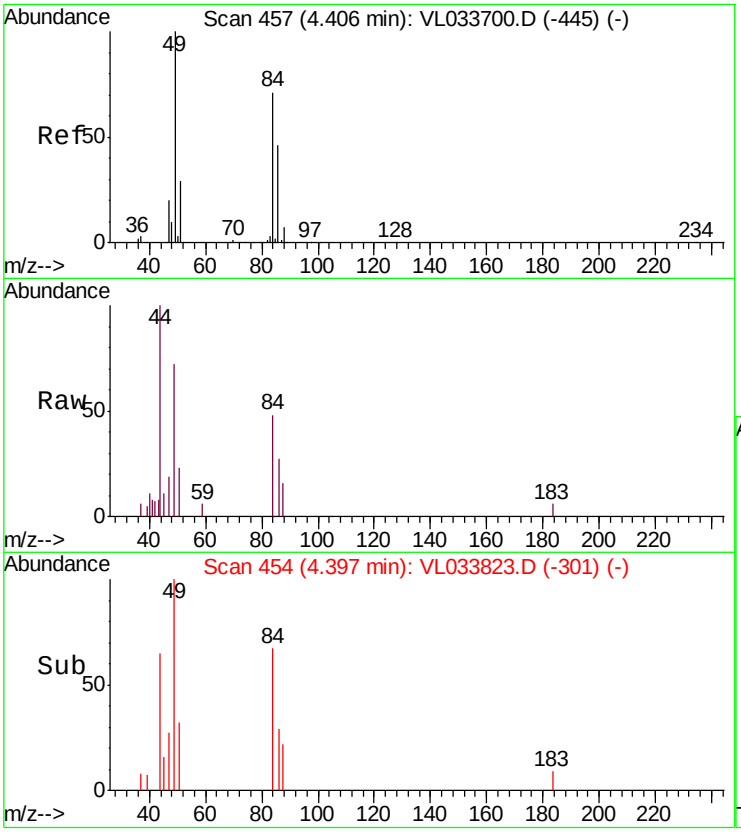


#19
Isopropyl Alcohol
Concen: 0.030 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.04 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 45 Resp: 2190

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



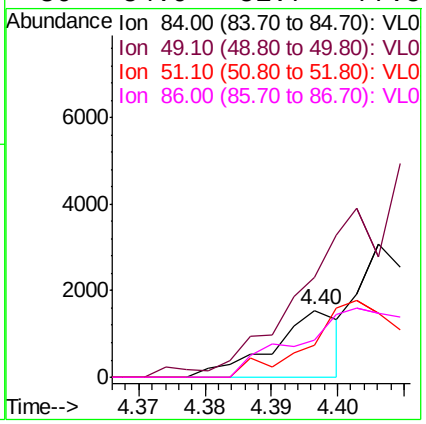


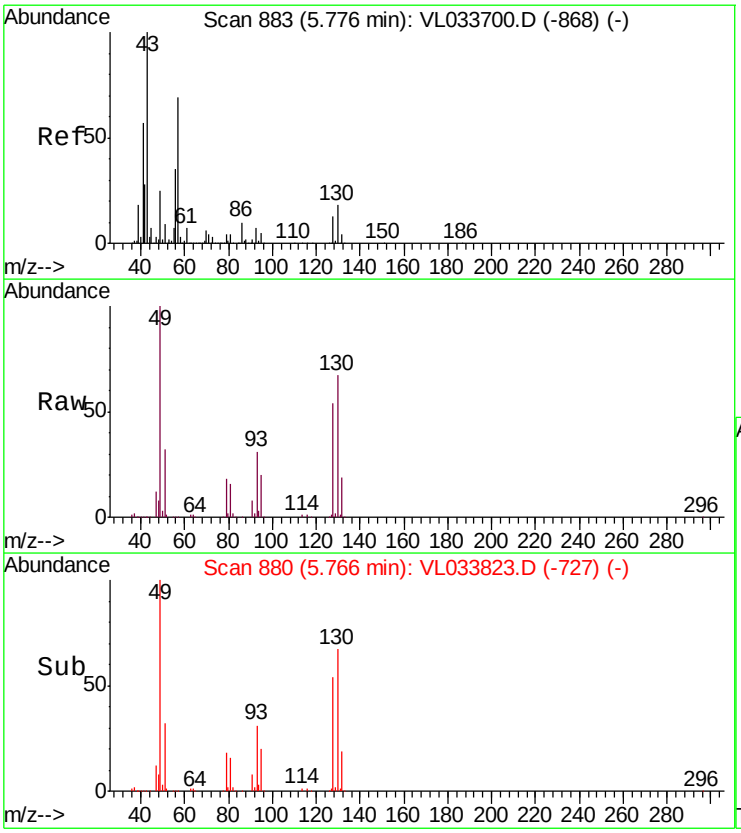
#20
Methylene Chloride
Concen: 0.025 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55DL

Tgt Ion: 84 Resp: 1091

Ion	Ratio	Lower	Upper
84	100		
49	137.2	112.8	169.2
51	48.3	33.4	50.0
86	54.9	51.7	77.5

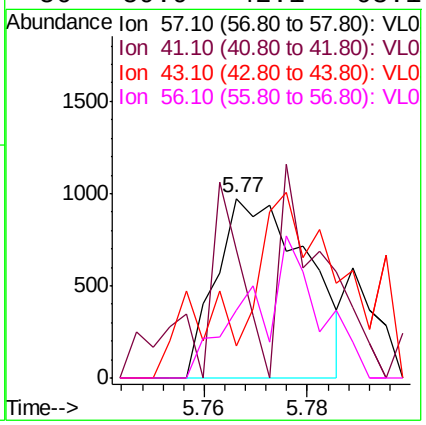


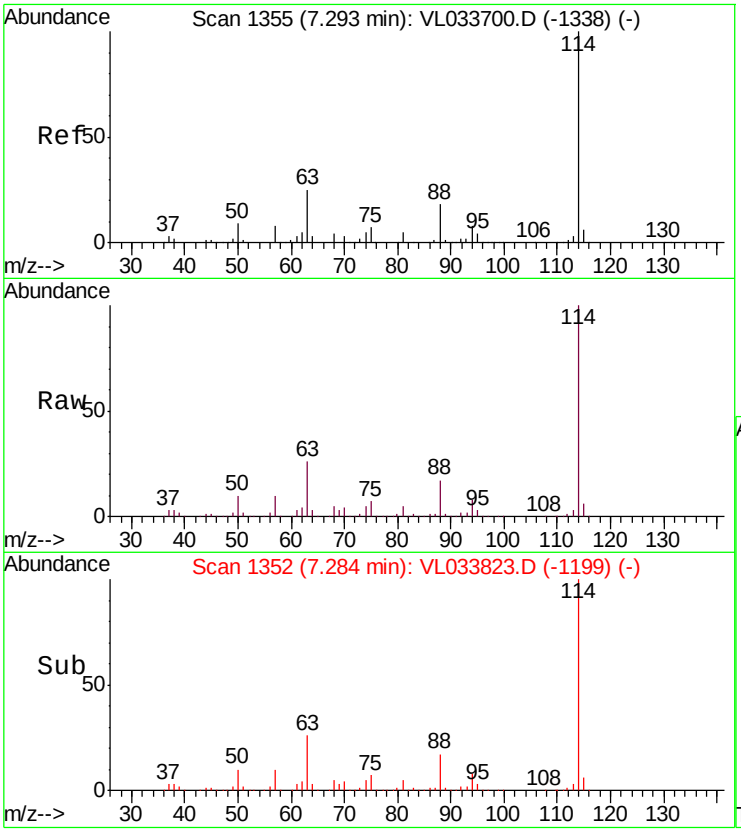


#26
Hexane
Concen: 0.014 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 57 Resp: 1179

Ion	Ratio	Lower	Upper
57	100		
41	113.9	69.8	104.6#
43	127.8	181.8	272.6#
56	59.9	42.1	63.1



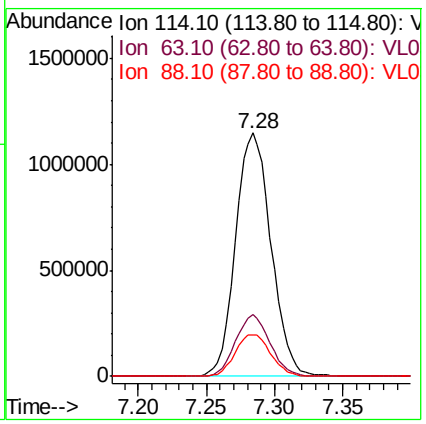


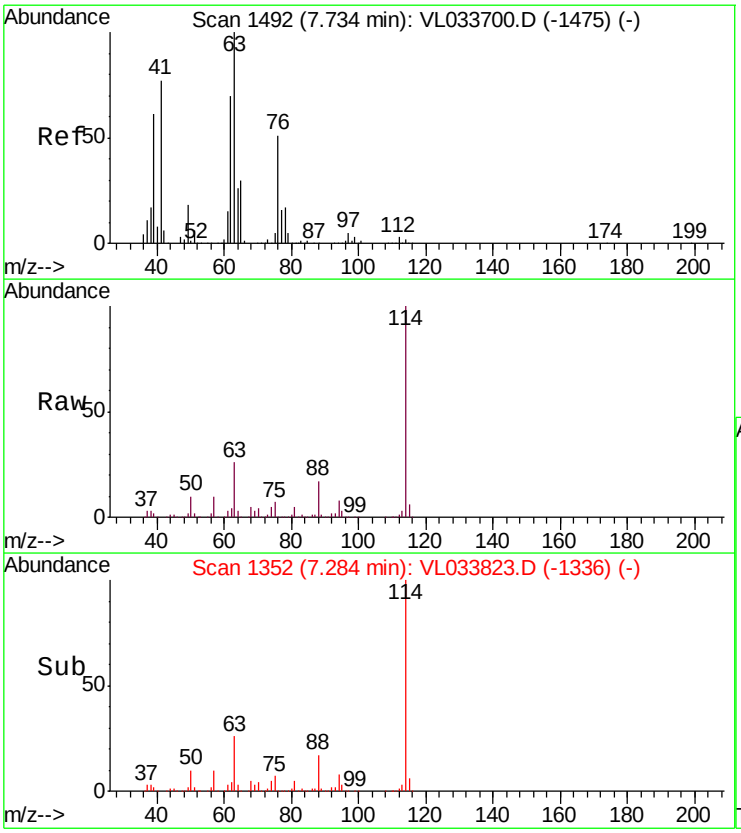
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55DL

Tgt Ion:114 Resp: 2068618

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.9	31.3
88	17.4	14.3	21.5

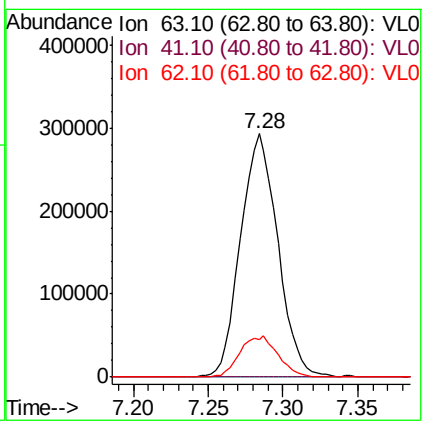


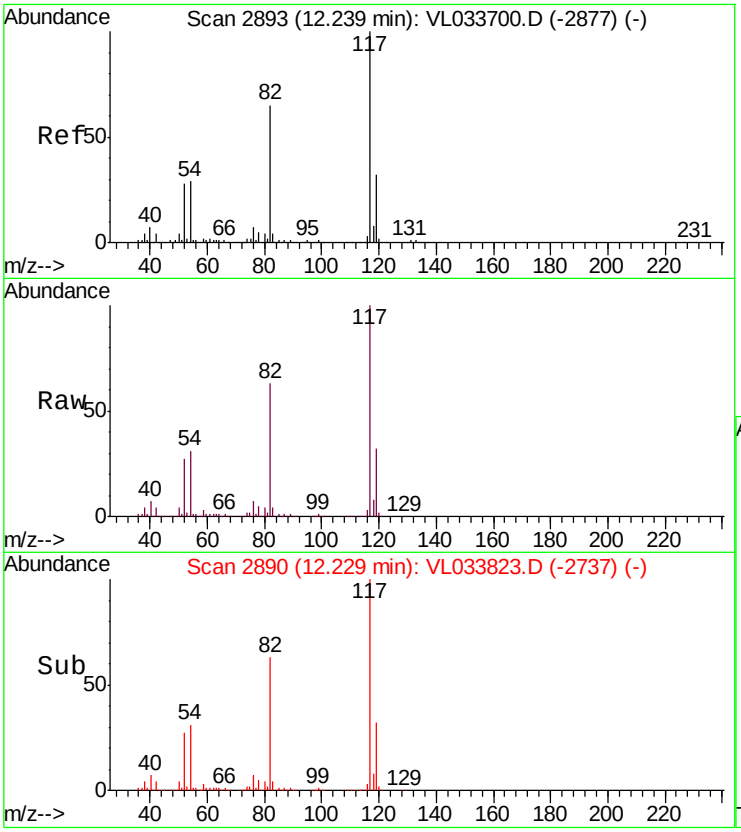


#39
1,2-Dichloropropane
Concen: 7.252 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 63 Resp: 508803

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	15.6	56.2	84.4#



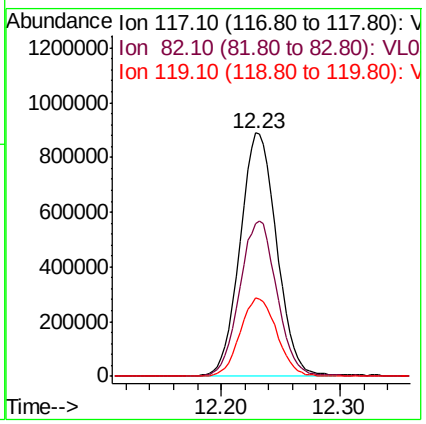


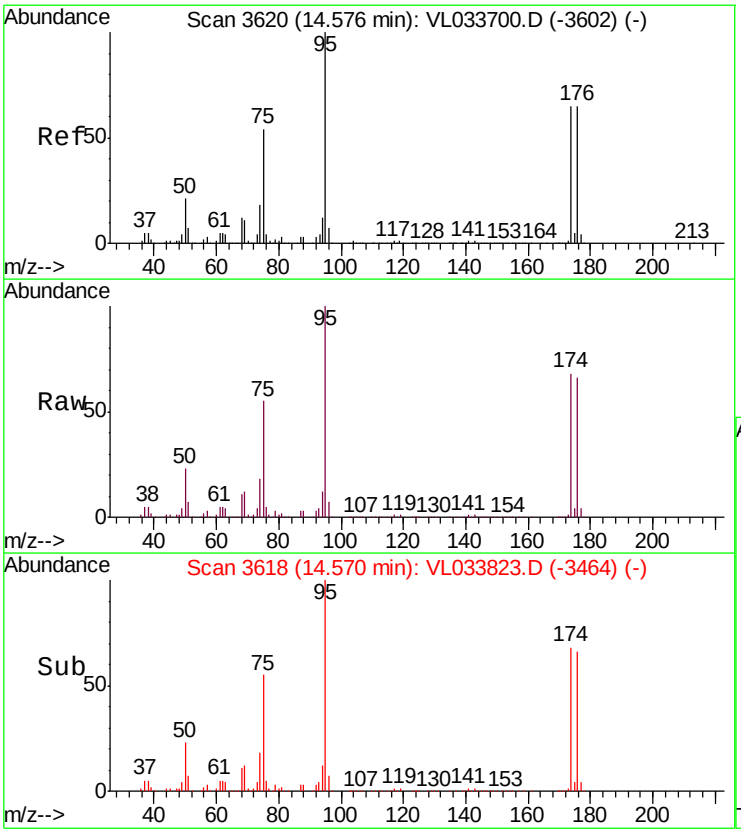
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55DL

Tgt Ion:117 Resp: 1900673

Ion	Ratio	Lower	Upper
117	100		
82	65.0	49.4	74.0
119	32.4	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.898 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033823.D
Acq: 29 May 2019 4:27

Tgt Ion: 95 Resp: 1525169

Ion	Ratio	Lower	Upper
95	100		
174	69.0	53.9	80.9
175	4.8	3.8	5.8