Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036169.D
Acq On : 16 Dec 2020 16:42
Operator : SY/AP
Sample : L5082-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 17 03:40:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1294937	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2762090	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2492708	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2141699	10.82	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.20%			
Target Compounds						Qvalue
9) Propene	3.00	41	4757	0.064	ppbv #	72
10) Heptane	8.10	43	6102	0.032	ppbv #	1
13) Ethanol	3.61	45	1569	0.154	ppbv #	38
15) Acetone	3.85	43	27471	0.177	ppbv #	49
20) Methylene Chloride	4.33	84	11942	0.187	ppbv #	83
25) Ethyl Acetate	5.67	43	84352	0.271	ppbv #	78
26) Hexane	5.67	57	121228	0.866	ppbv #	39
29) Chloroform	5.73	83	6988	0.038	ppbv #	38
39) 1,2-Dichloropropane	7.16	63	844887	9.140	ppbv #	24
51) 2-Hexanone	10.10	43	8248	0.039	ppbv #	29

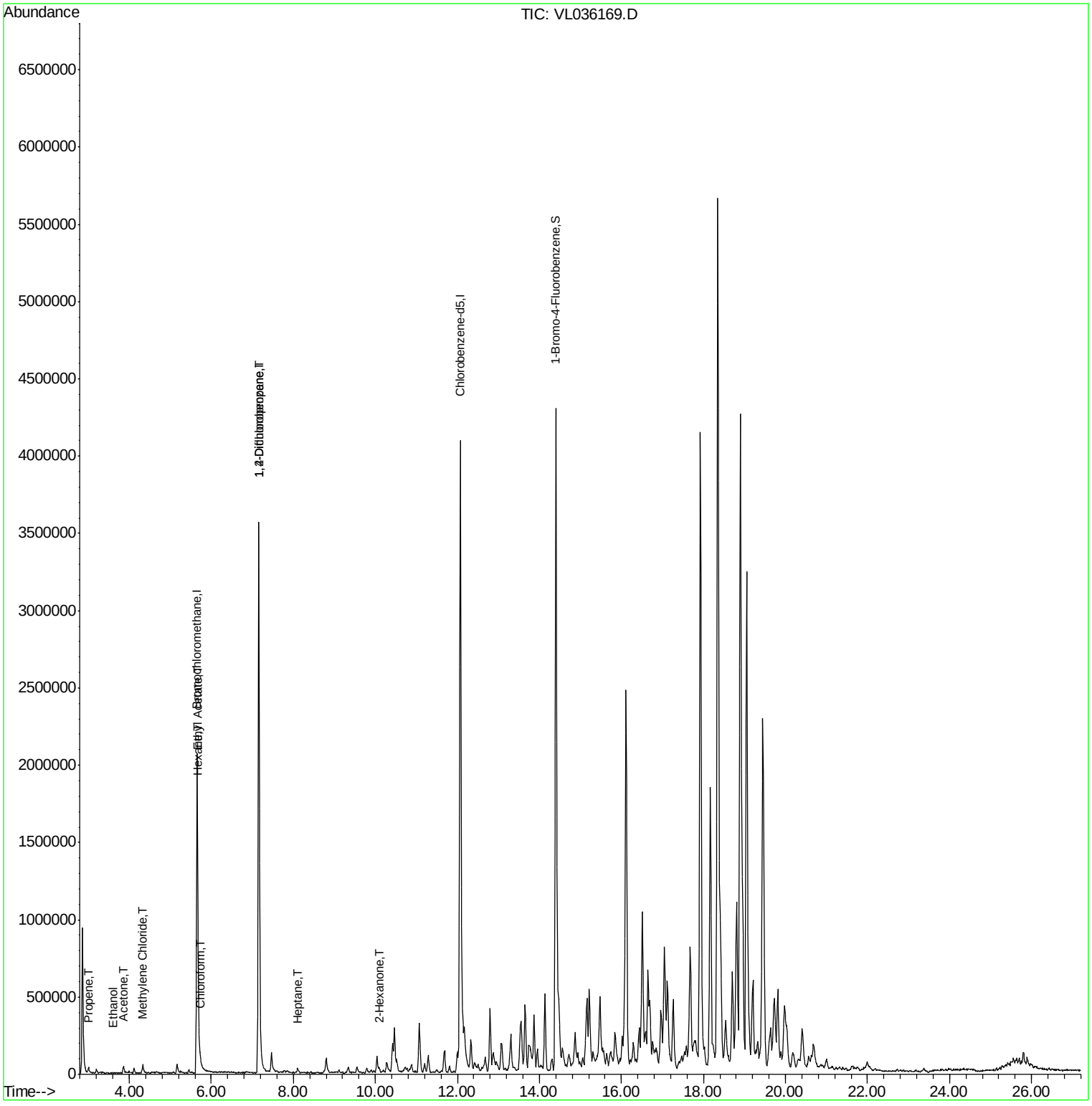
(#) = qualifier out of range (m) = manual integration (+) = signals summed

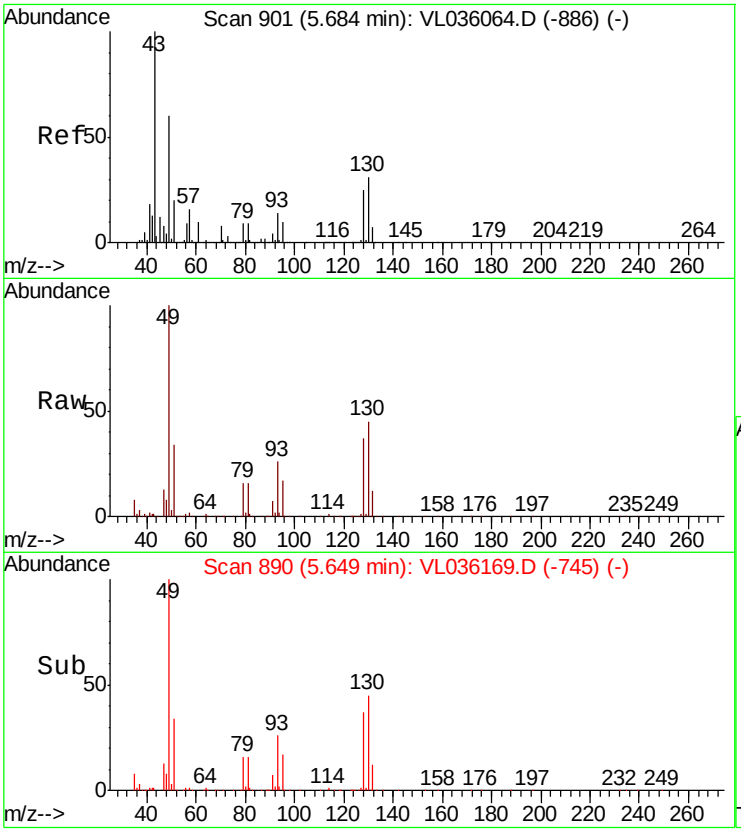
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036169.D
Acq On : 16 Dec 2020 16:42
Operator : SY/AP
Sample : L5082-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 17 03:40:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



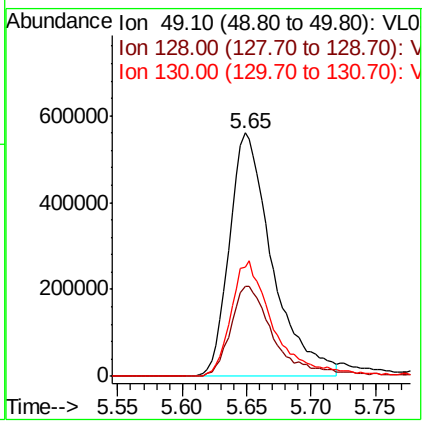


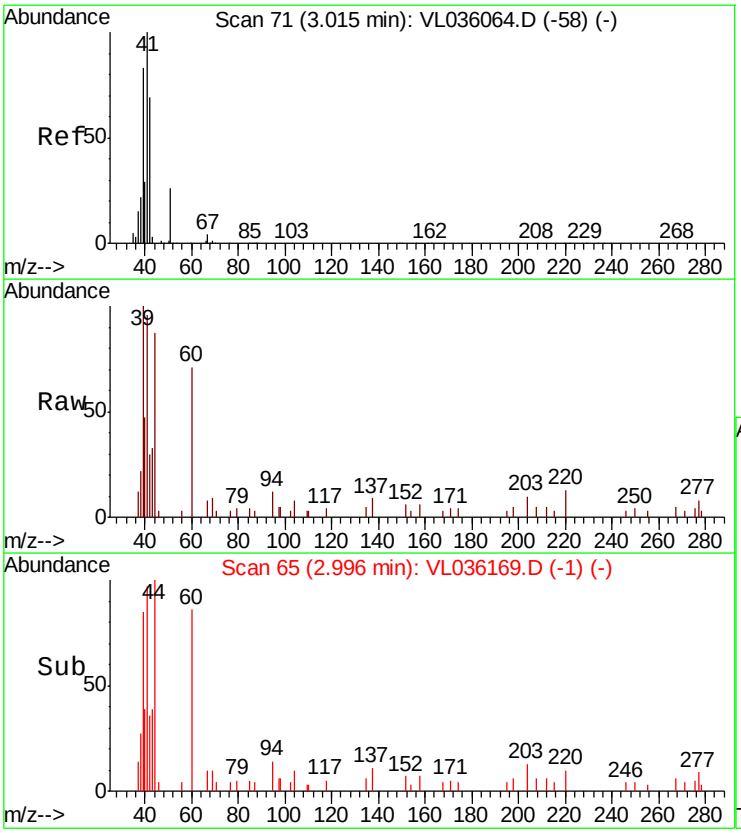
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1294937

Ion	Ratio	Lower	Upper
49	100		
128	38.0	21.1	63.1
130	48.2	27.1	81.3

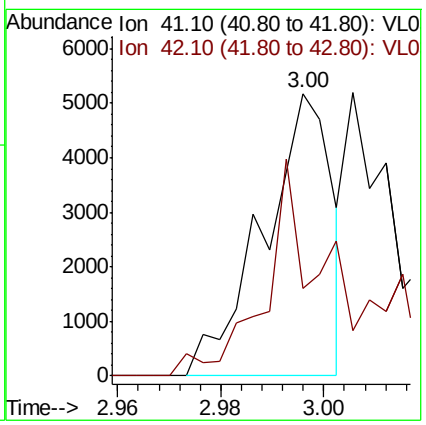


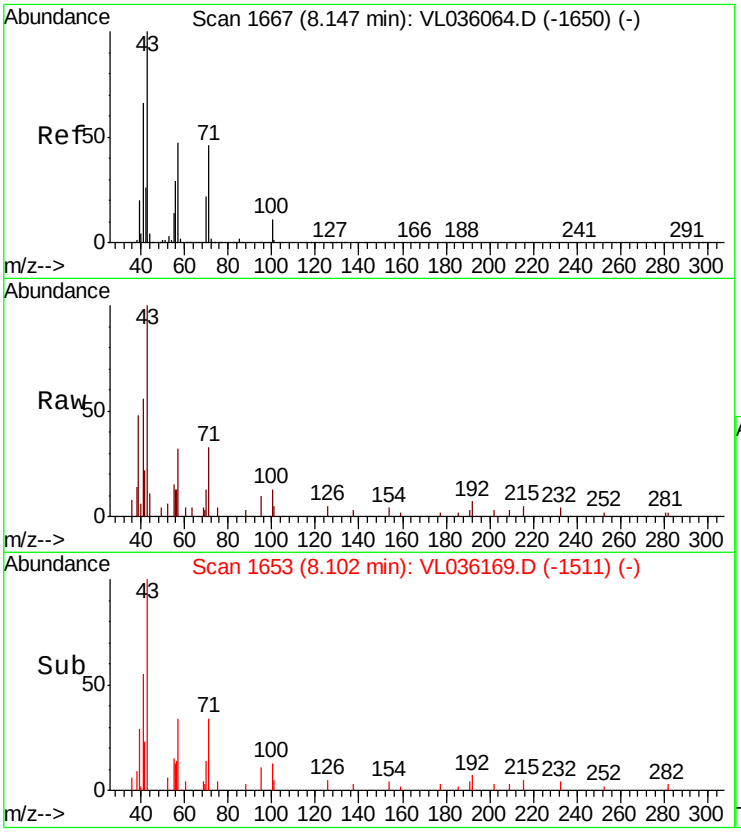


#9
Propene
Concen: 0.064 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.02 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 41 Resp: 4757

Ion	Ratio	Lower	Upper
41	100		
42	94.8	57.0	85.6#



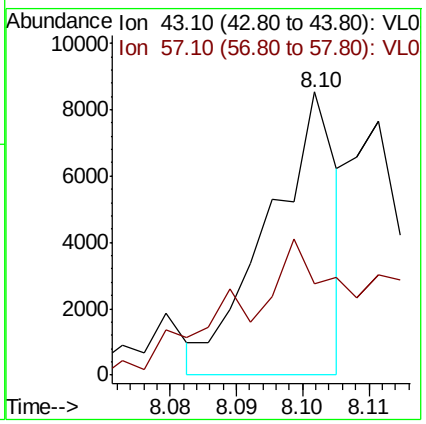


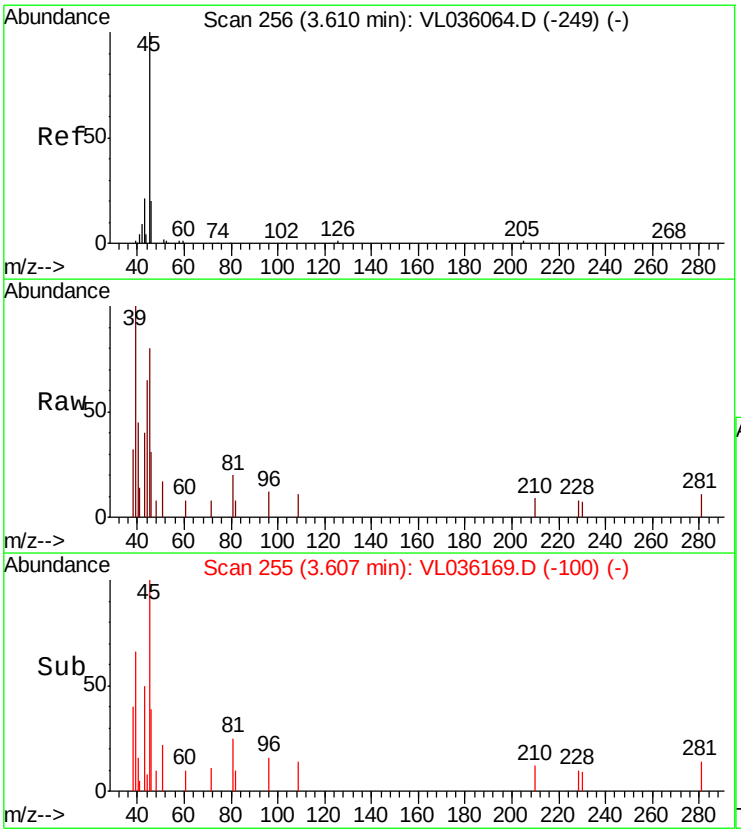
#10
Heptane
Concen: 0.032 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 6102

Ion	Ratio	Lower	Upper
43	100		
57	132.4	37.9	56.9#

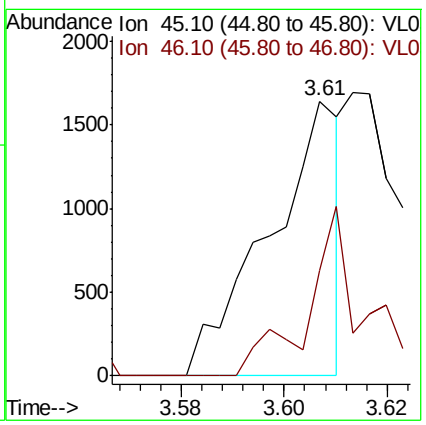


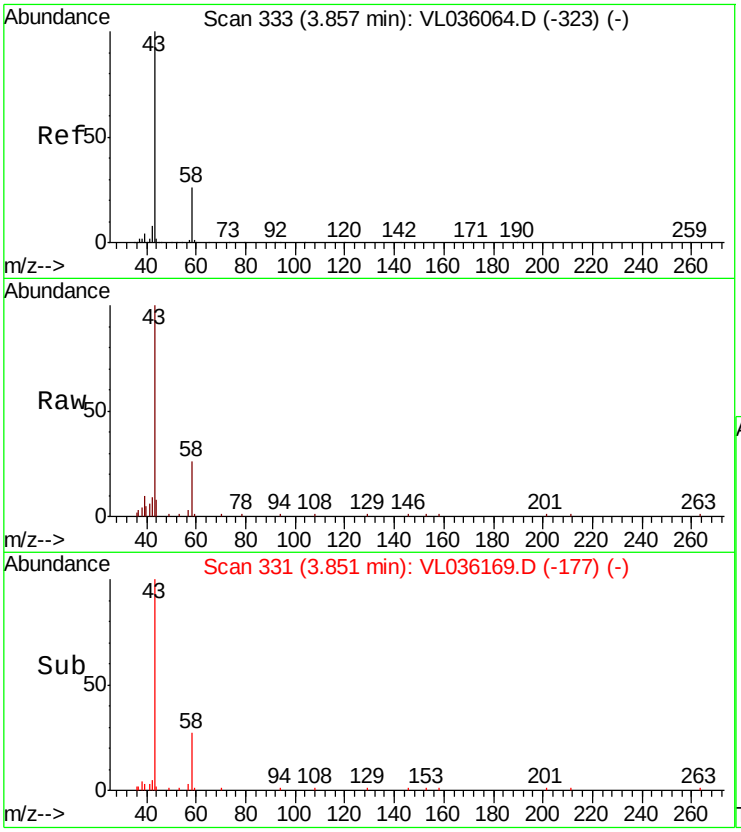


#13
Ethanol
Concen: 0.154 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 45 Resp: 1569

Ion	Ratio	Lower	Upper
45	100		
46	5.5	19.0	75.8#



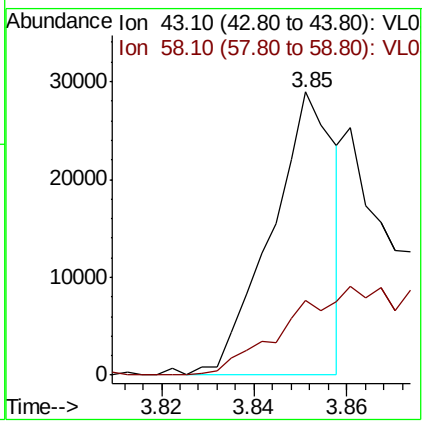


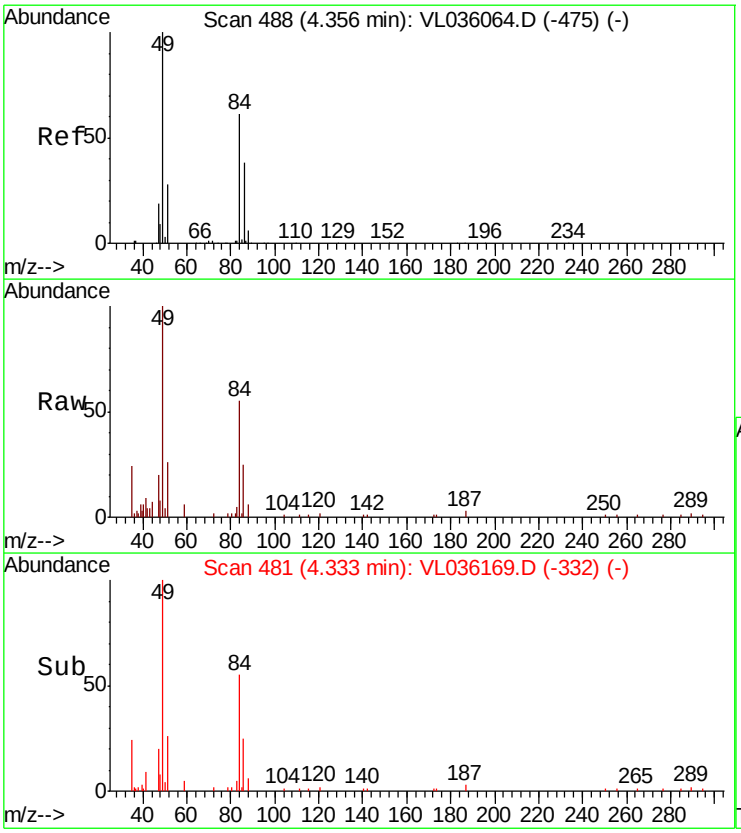
#15
Acetone
Concen: 0.177 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 27471

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#

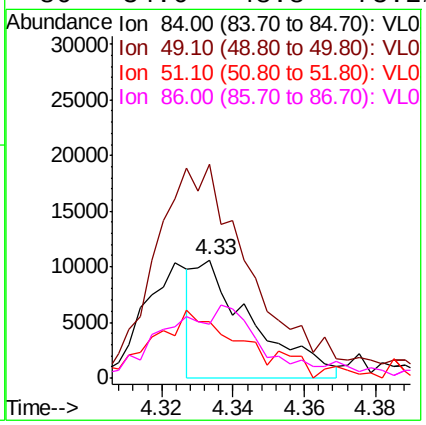


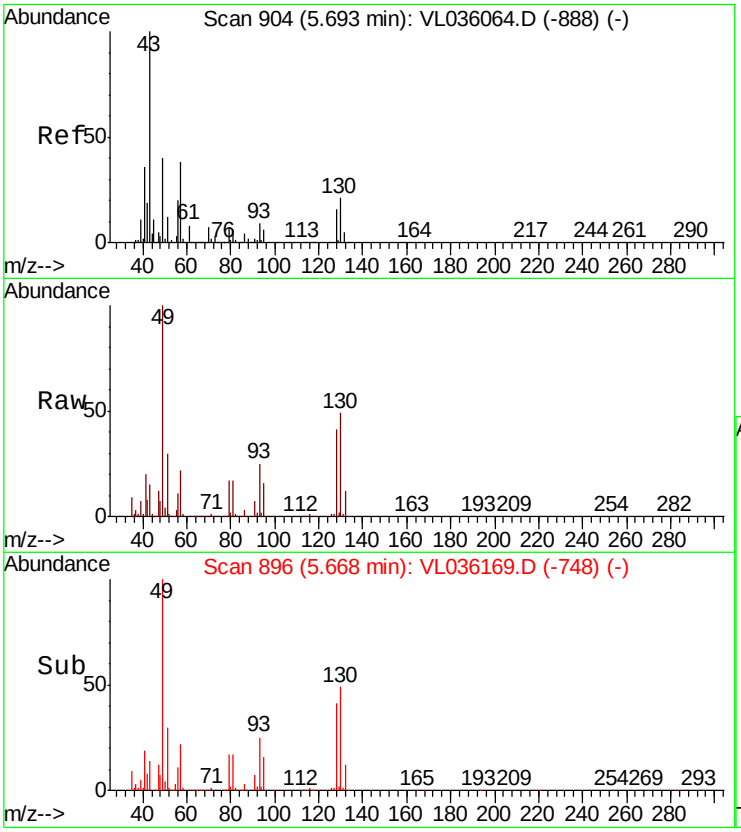


#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 84 Resp: 11942

Ion	Ratio	Lower	Upper
84	100		
49	182.9	133.0	199.4
51	41.7	38.9	58.3
86	34.6	48.8	73.2#



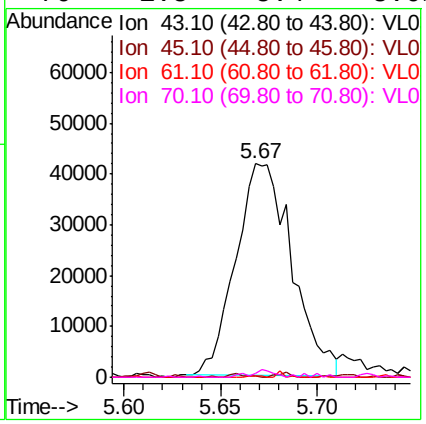


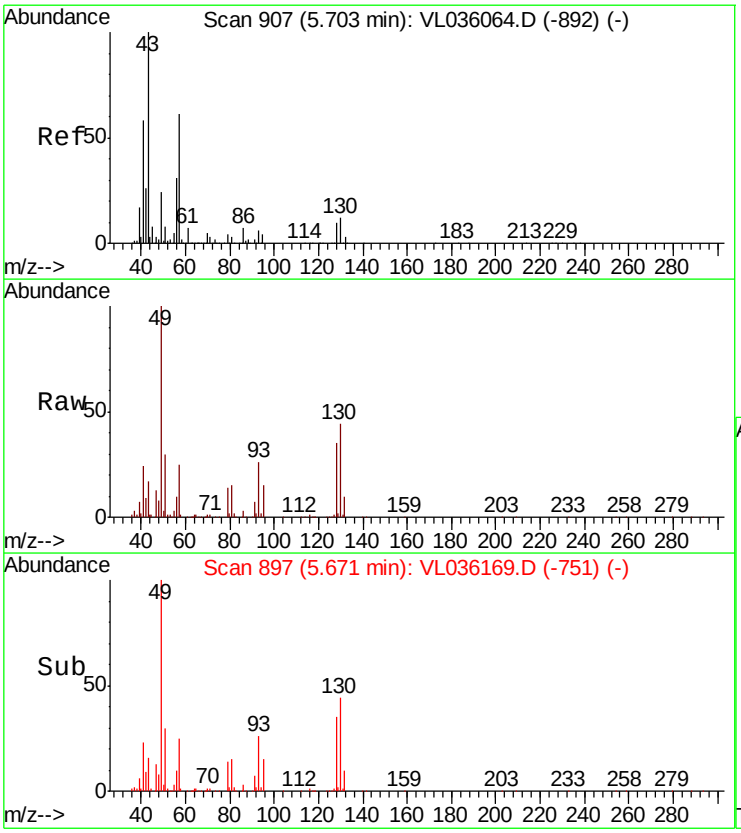
#25
Ethyl Acetate
Concen: 0.271 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.03 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 84352

Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.2	12.4#
61	0.5	7.4	11.2#
70	1.5	5.4	8.0#

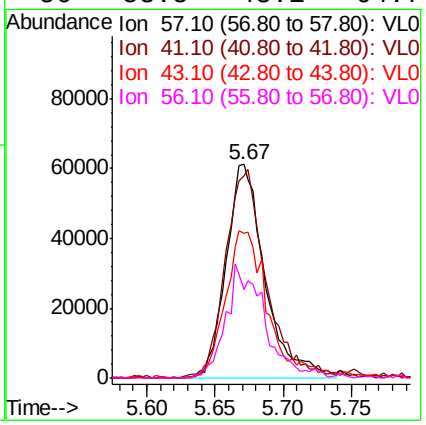


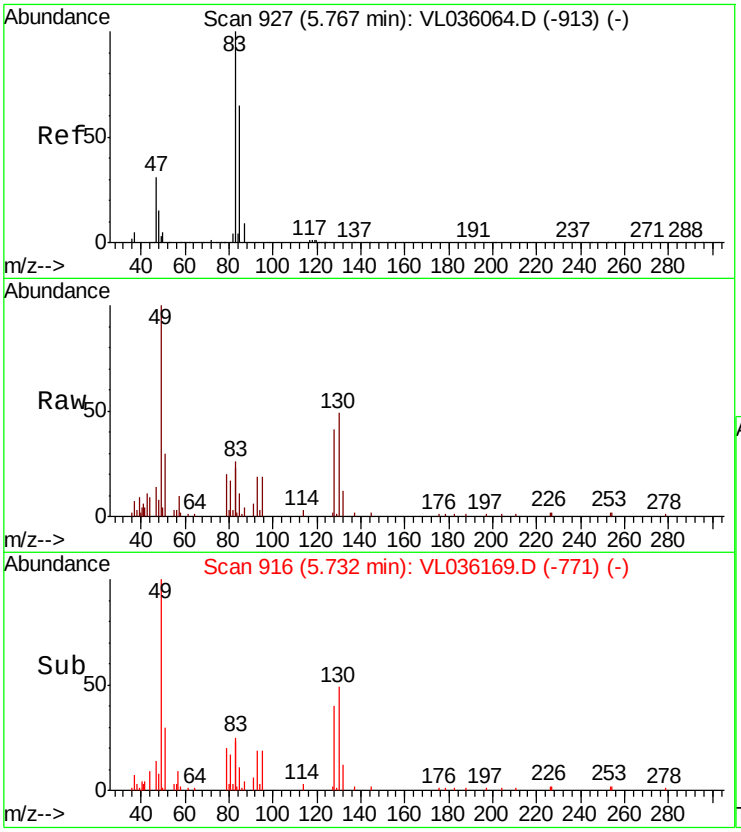


#26
Hexane
Concen: 0.866 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.03 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 57 Resp: 121228

Ion	Ratio	Lower	Upper
57	100		
41	101.7	82.9	124.3
43	76.9	199.9	299.9#
56	53.5	43.1	64.7



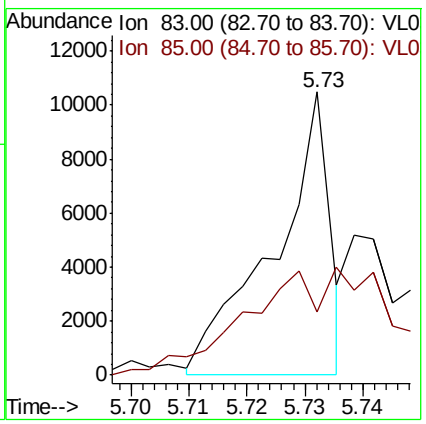


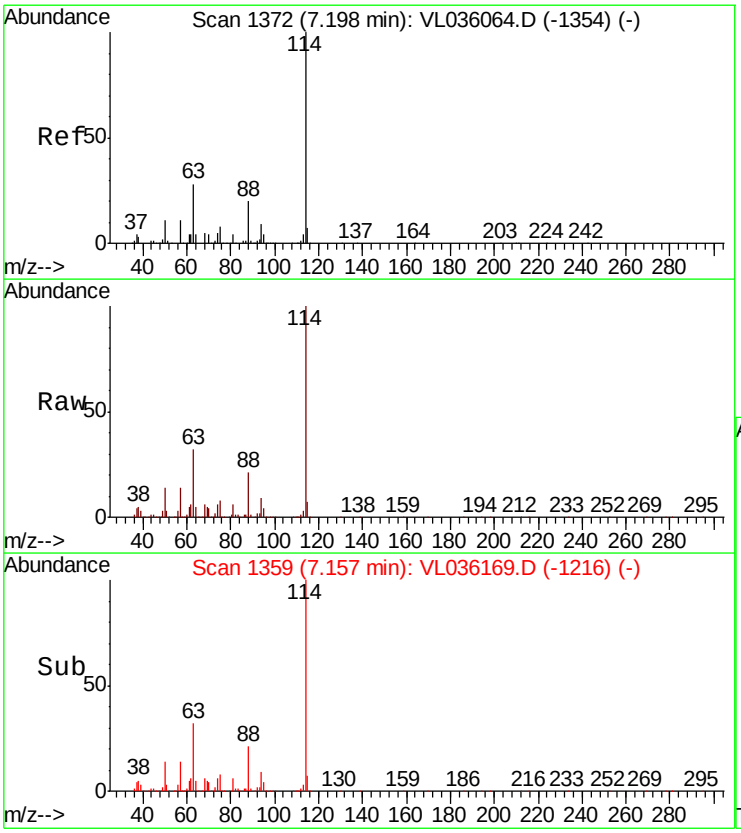
#29
Chloroform
Concen: 0.038 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 6988

Ion	Ratio	Lower	Upper
83	100		
85	16.0	51.8	77.6#

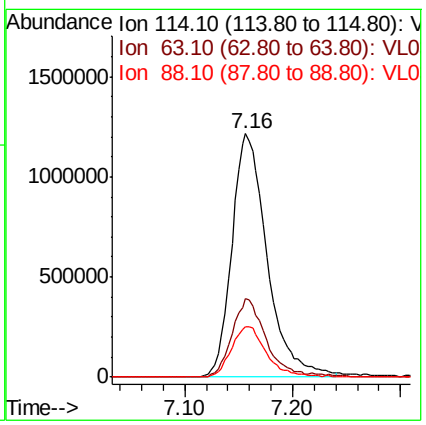


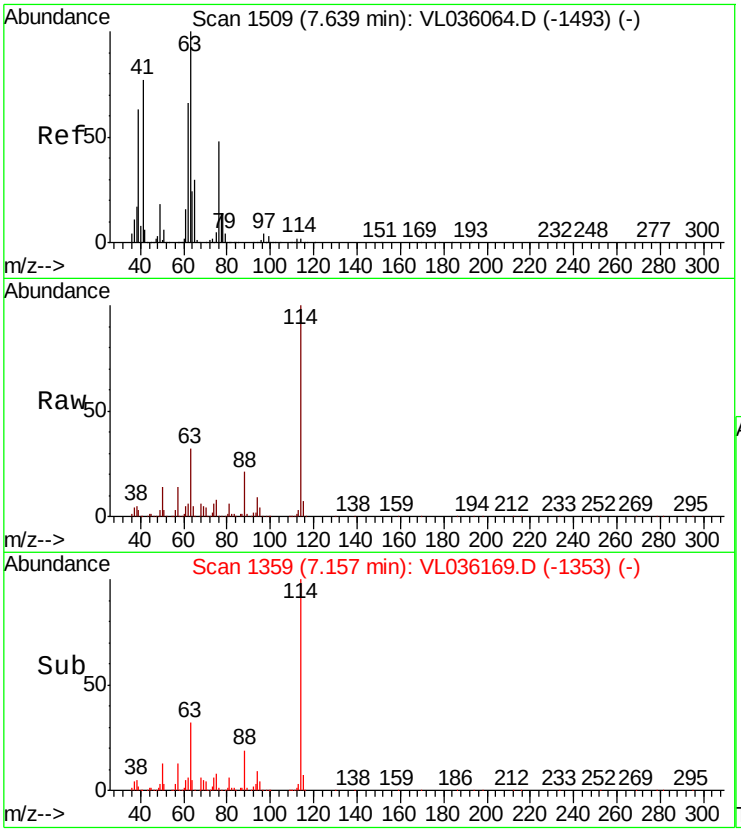


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion:114 Resp: 2762090

Ion	Ratio	Lower	Upper
114	100		
63	32.0	23.6	35.4
88	21.0	15.8	23.6



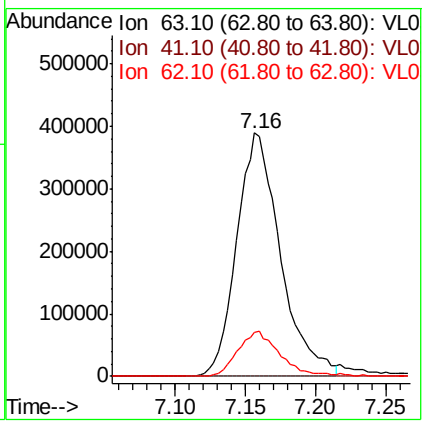


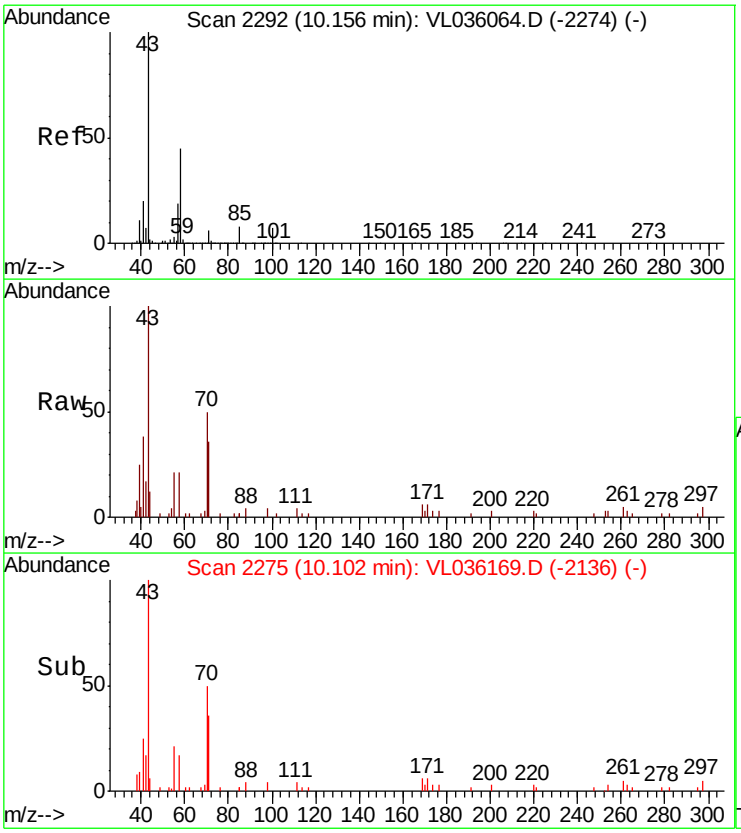
#39
1,2-Dichloropropane
Concen: 9.140 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.48 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 844887

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	18.0	52.5	78.7#

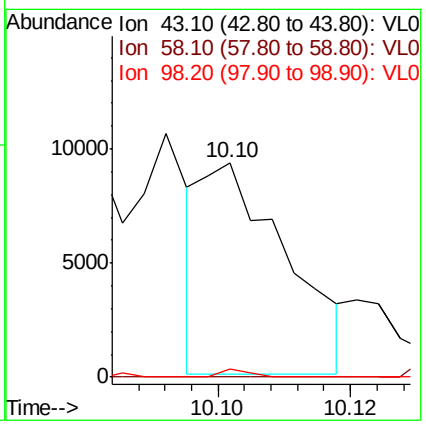


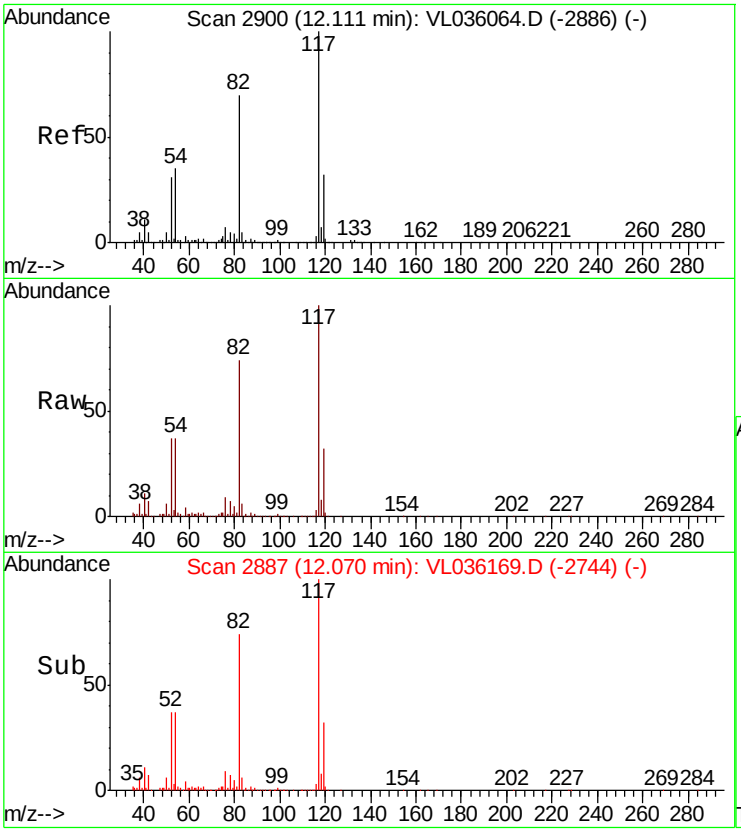


#51
2-Hexanone
Concen: 0.039 ppbv
RT: 10.10 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 43 Resp: 8248

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.7	58.1#
98	0.0	0.1	0.1#



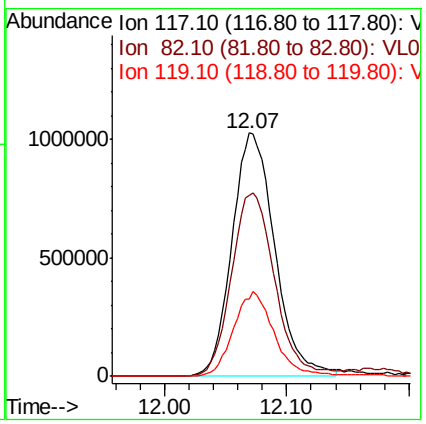


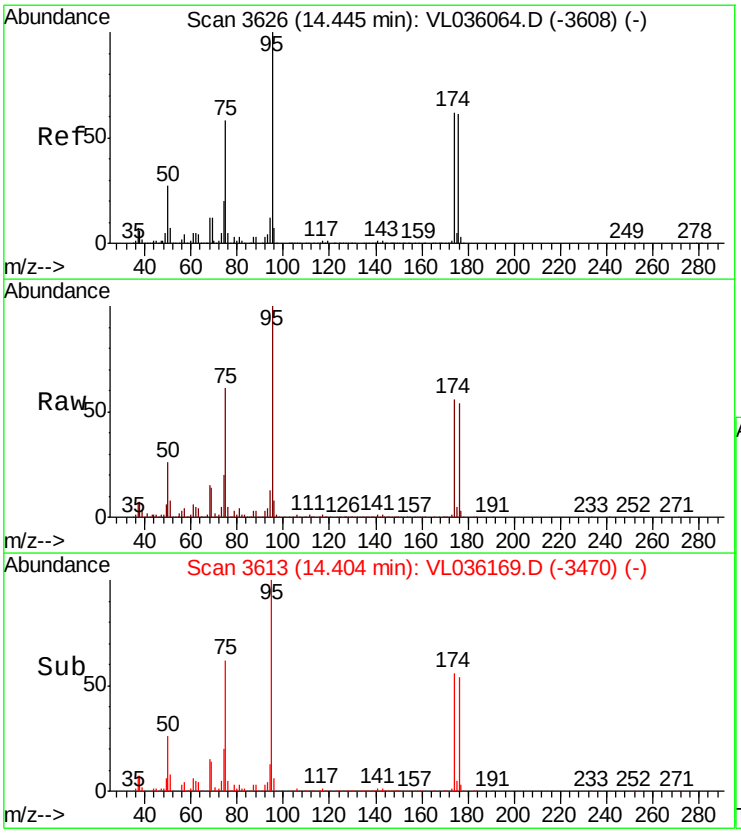
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2492708

Ion	Ratio	Lower	Upper
117	100		
82	76.7	0.0	0.0#
119	33.8	0.0	0.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.820 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 95 Resp: 2141699

Ion	Ratio	Lower	Upper
95	100		
174	57.4	50.7	76.1
175	4.3	4.0	6.0