Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

Quantitation Report (Not Reviewed)

Data File : VL034880.D
Acq On : 11 Mar 2020 00:15
Operator : SY/AP
Sample : V1861-01DUP 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : O-1

Quant Time: Mar 11 05:58:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	875208	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1925081	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1927022	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1544143	10.27	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	3292	0.027	ppbv #	45
3) Chlorodifluoromethane	2.95	51	2265	0.023	ppbv #	59
4) Chloromethane	3.10	50	1213	0.022	ppbv #	41
9) Propene	2.98	41	2834	0.061	ppbv	94
11) Trichlorofluoromethane	3.92	101	2141	0.017	ppbv	99
13) Ethanol	3.58	45	4242	0.299	ppbv #	10
15) Acetone	3.83	43	42107	0.371	ppbv #	66
20) Methylene Chloride	4.32	84	19487	0.543	ppbv #	68
26) Hexane	5.67	57	1060	0.012	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	517389	7.610	ppbv #	24

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

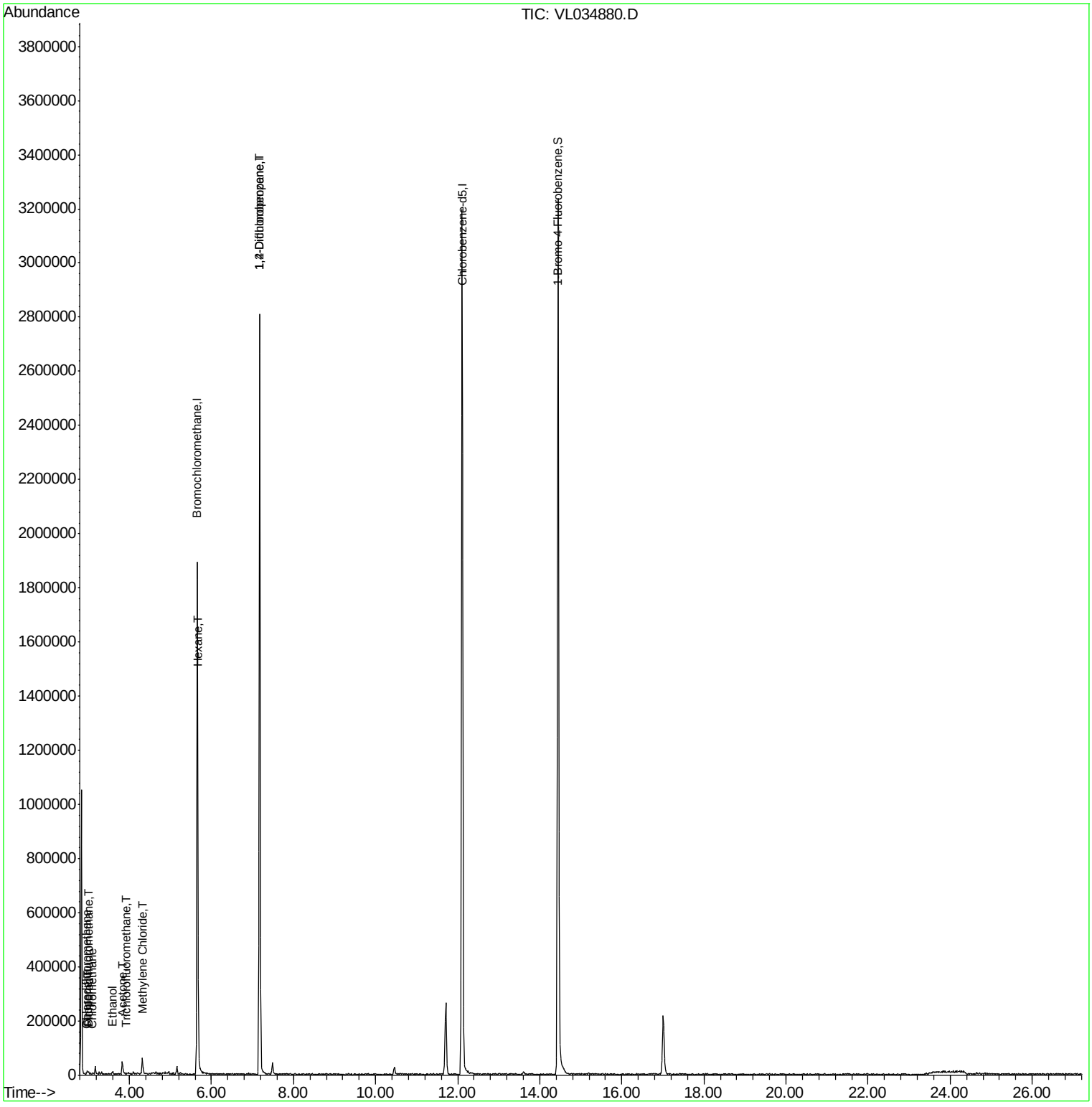
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

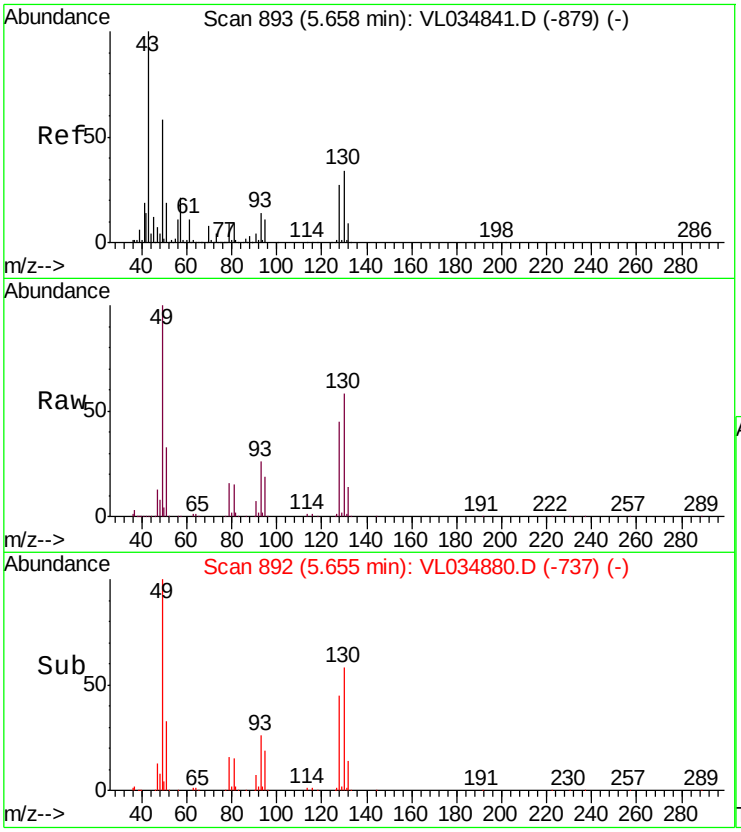
Quantitation Report (Not Reviewed)

Data File : VL034880.D
Acq On : 11 Mar 2020 00:15
Operator : SY/AP
Sample : V1861-01DUP 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : O-1

Quant Time: Mar 11 05:58:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



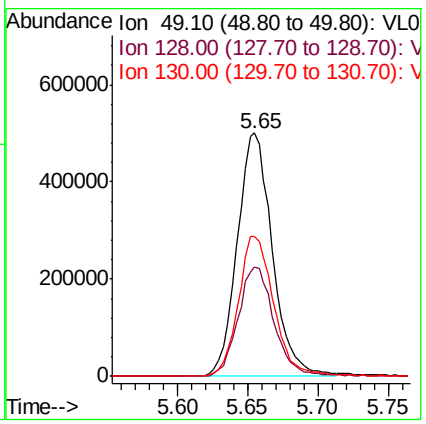


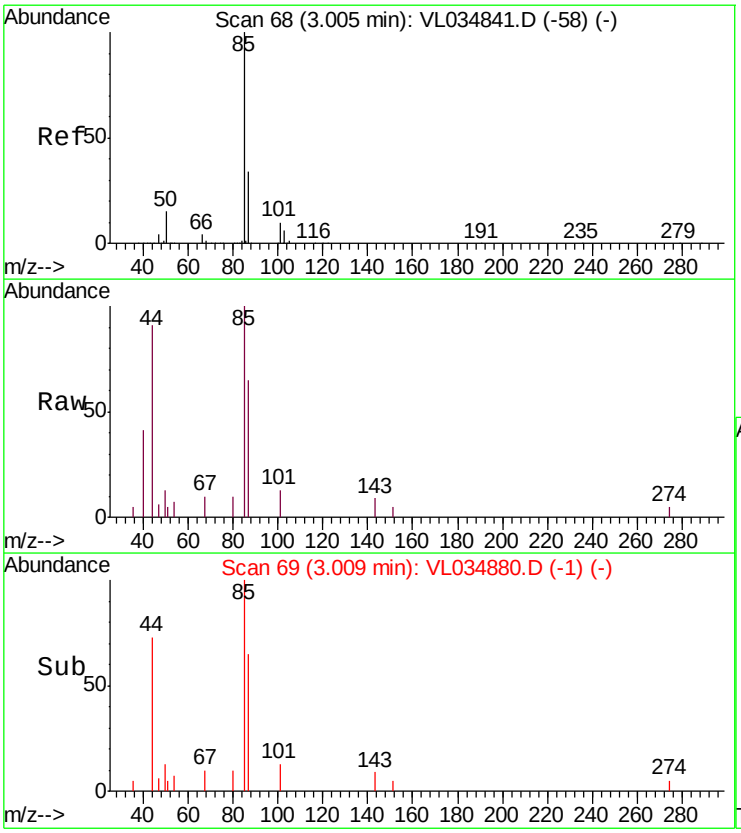
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument :
MSVOA_L
ClientSampleId :
O-1

Tgt Ion: 49 Resp: 875208

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.4	70.3
130	58.7	30.0	90.0

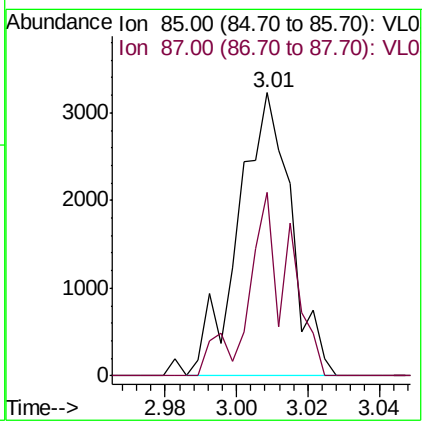


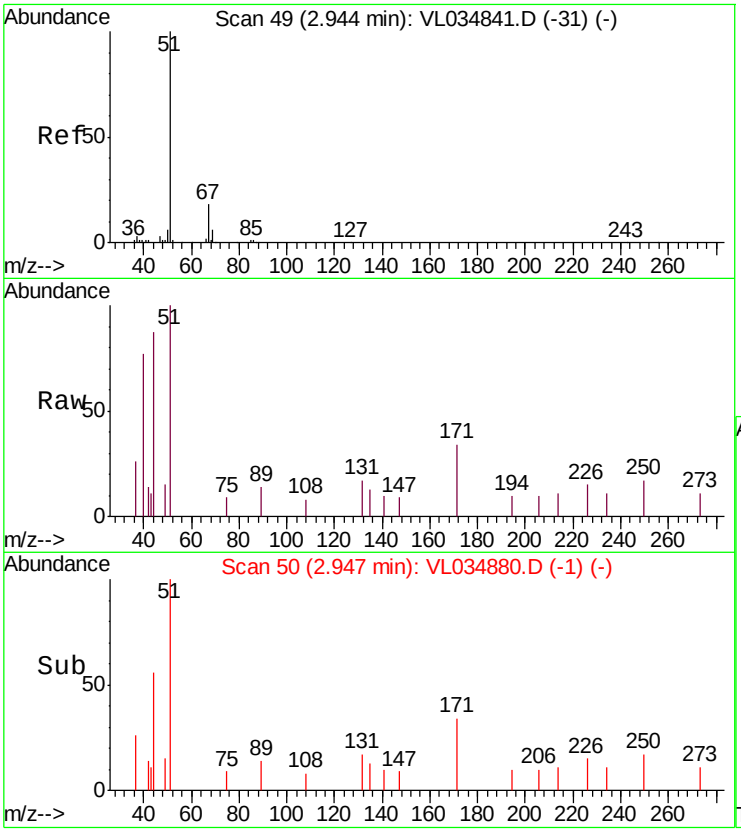


#2
Dichlorodifluoromethane
Concen: 0.027 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 85 Resp: 3292

Ion	Ratio	Lower	Upper
85	100		
87	64.7	26.9	40.3#



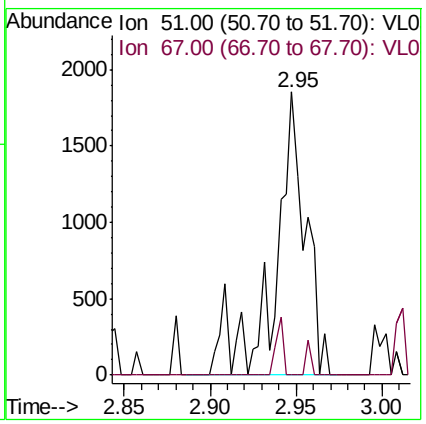


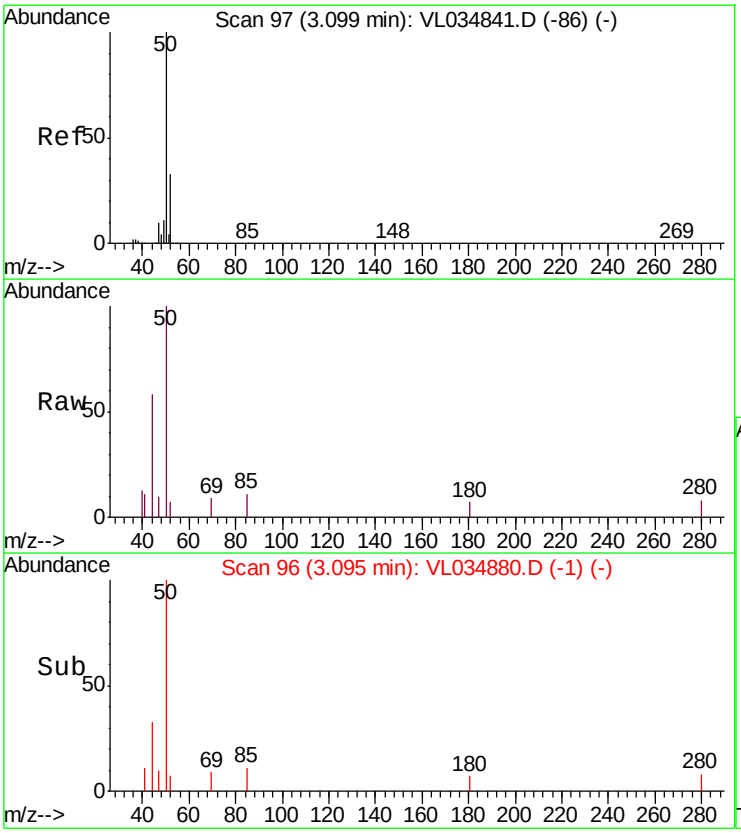
#3
Chlorodifluoromethane
Concen: 0.023 ppbv
RT: 2.95 min Scan# 50
Delta R.T. 0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion: 51 Resp: 2265

Ion	Ratio	Lower	Upper
51	100		
67	0.0	14.3	21.5#

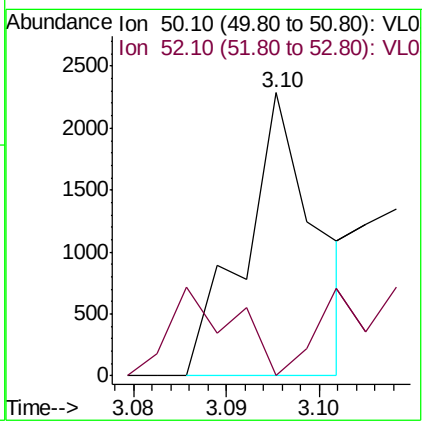


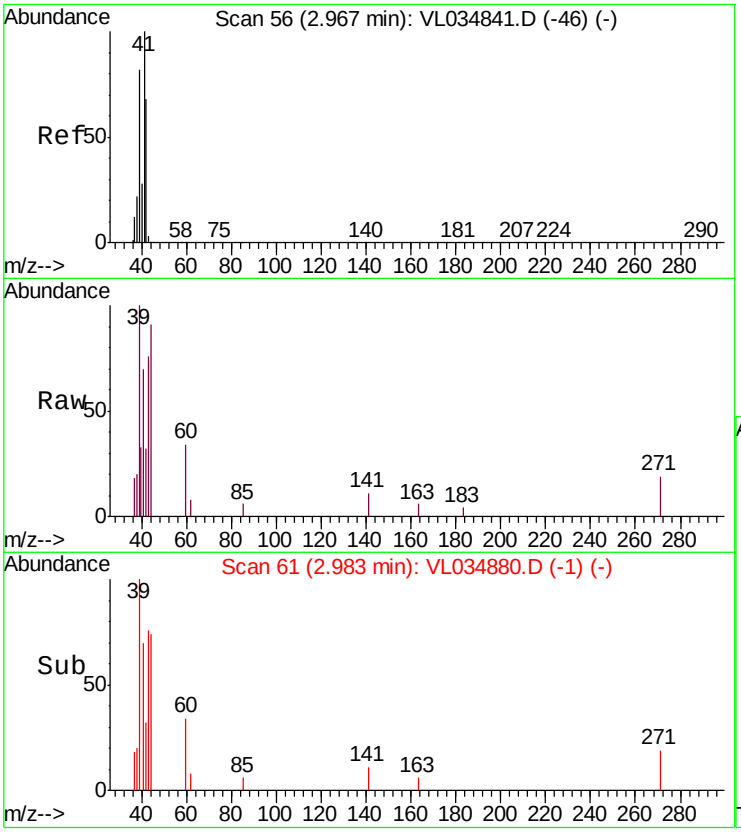


#4
Chloromethane
Concen: 0.022 ppbv
RT: 3.10 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 50 Resp: 1213

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.8	40.2#



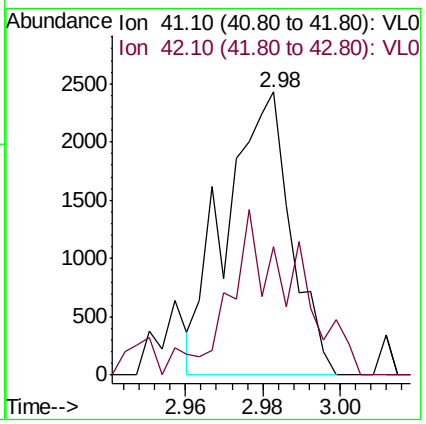


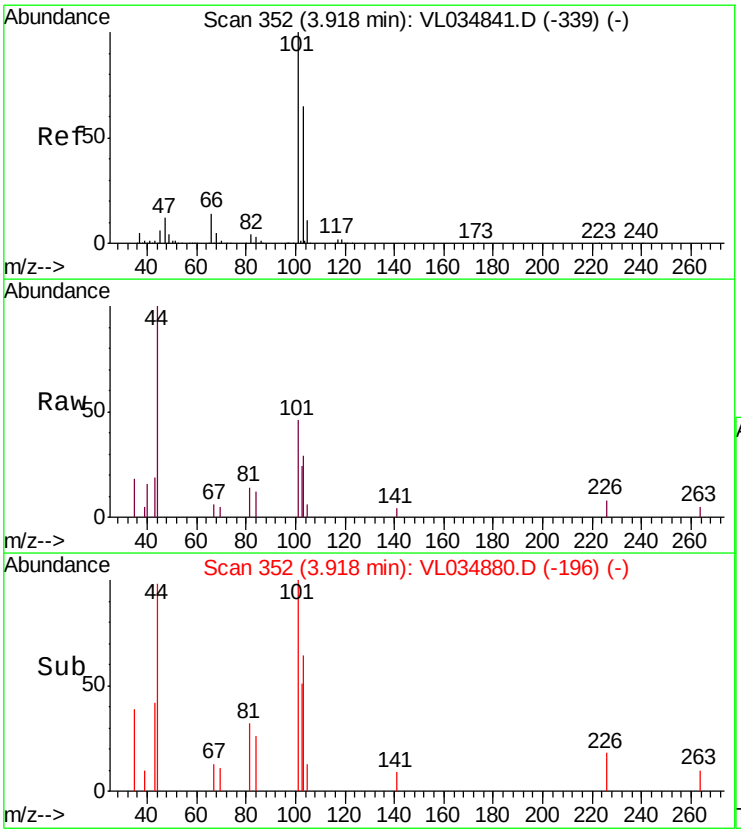
#9
Propene
Concen: 0.061 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.02 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion: 41 Resp: 2834

Ion	Ratio	Lower	Upper
41	100		
42	64.5	55.2	82.8

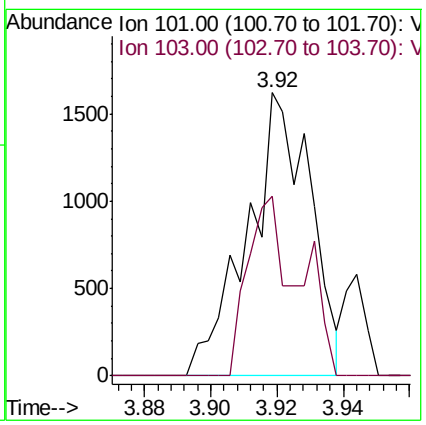


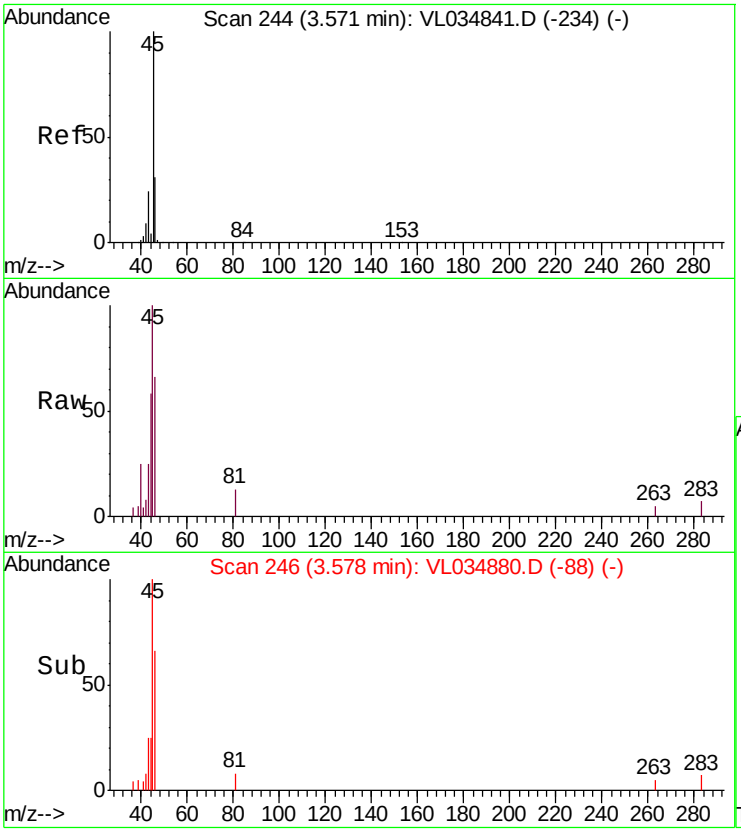


#11
Trichlorofluoromethane
Concen: 0.017 ppbv
RT: 3.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion:101 Resp: 2141

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.8	77.8



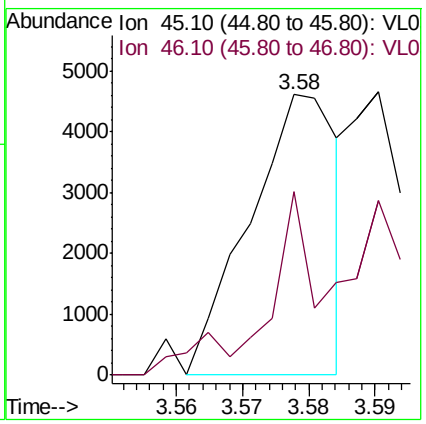


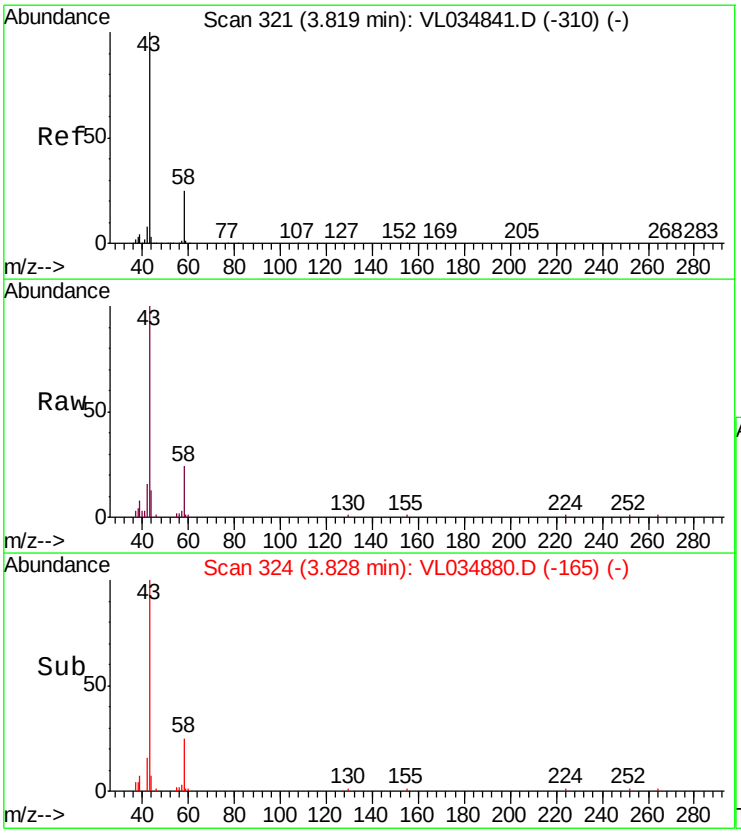
#13
Ethanol
Concen: 0.299 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument :
MSVOA_L
ClientSampleId :
O-1

Tgt Ion: 45 Resp: 4242

Ion	Ratio	Lower	Upper
45	100		
46	95.6	16.0	64.0#

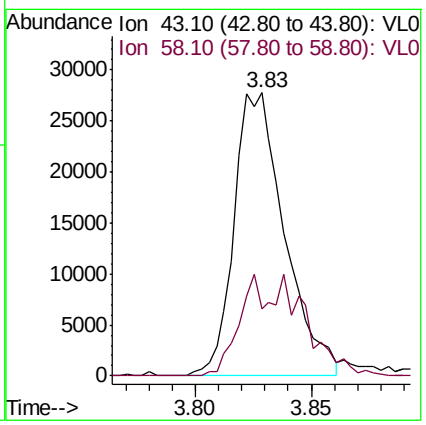


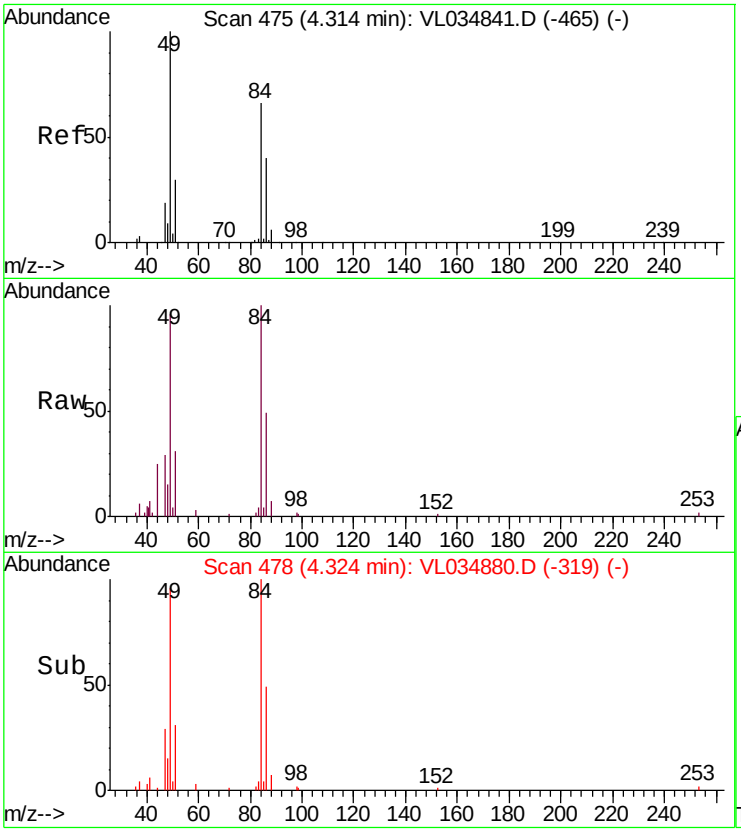


#15
Acetone
Concen: 0.371 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 43 Resp: 42107

Ion	Ratio	Lower	Upper
43	100		
58	43.6	21.0	31.6#



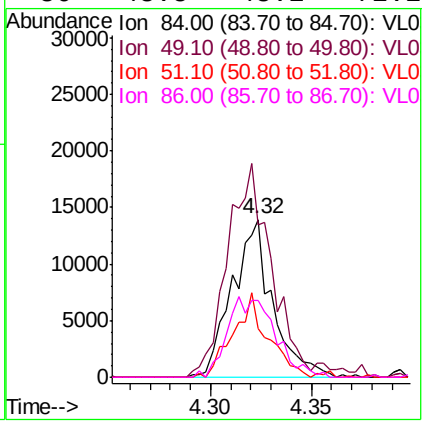


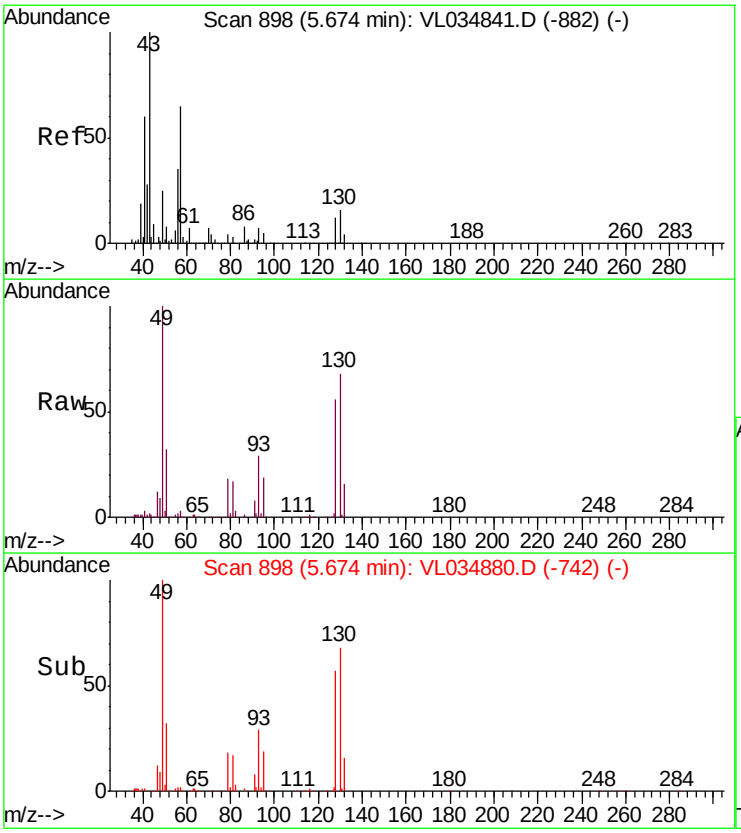
#20
Methylene Chloride
Concen: 0.543 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion: 84 Resp: 19487

Ion	Ratio	Lower	Upper
84	100		
49	99.9	121.5	182.3#
51	30.9	36.6	55.0#
86	48.5	48.2	72.2

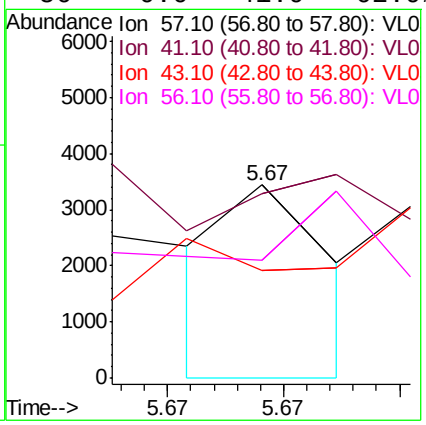


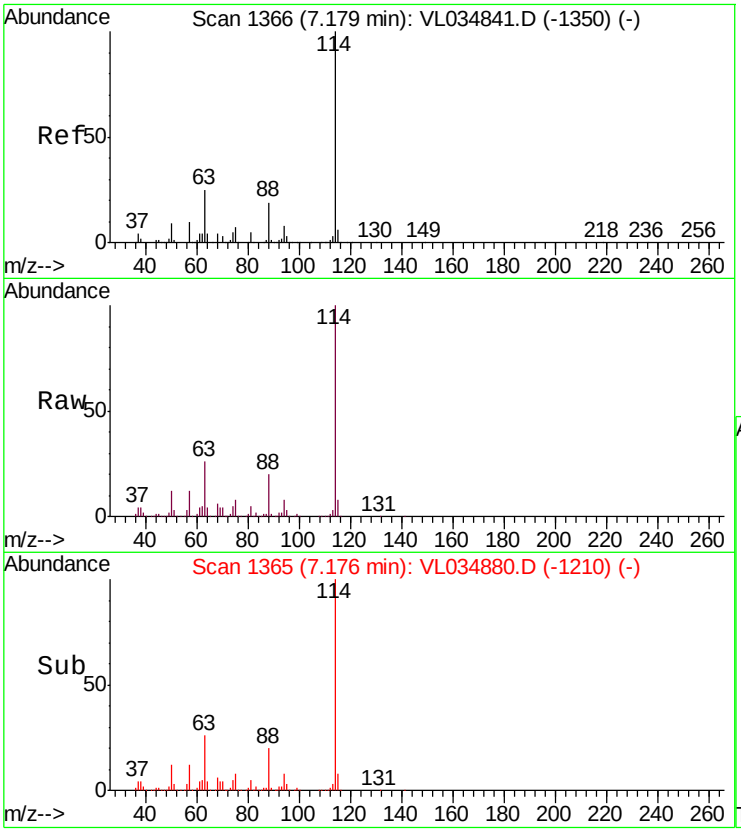


#26
Hexane
Concen: 0.012 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 57 Resp: 1060

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.6	109.0#
43	0.0	183.8	275.6#
56	0.0	41.9	62.9#



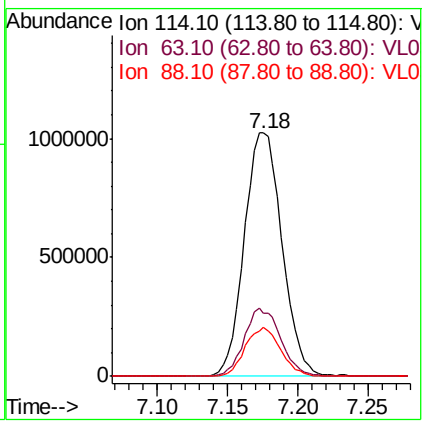


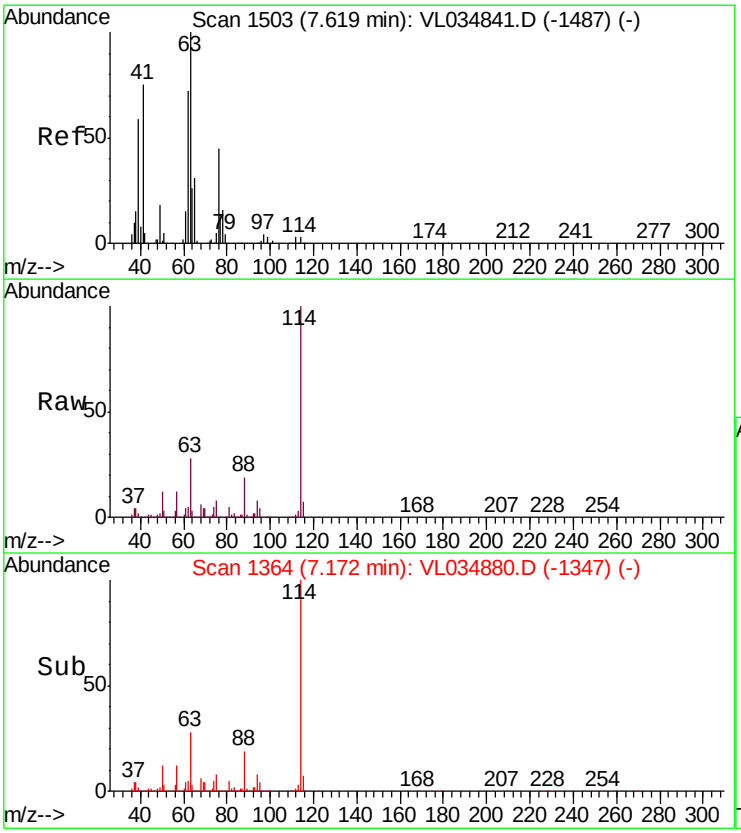
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument :
MSVOA_L
ClientSampleId :
O-1

Tgt Ion:114 Resp: 1925081

Ion	Ratio	Lower	Upper
114	100		
63	27.1	20.6	31.0
88	19.0	15.0	22.6

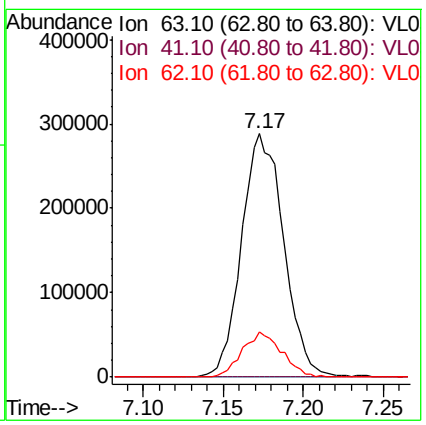


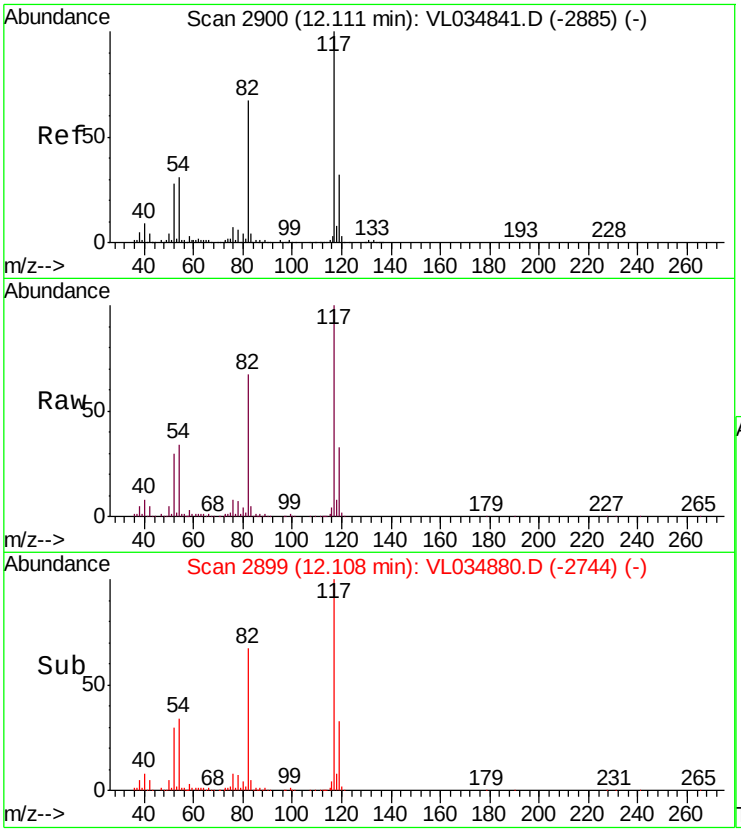


#39
1,2-Dichloropropane
Concen: 7.610 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 63 Resp: 517389

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	18.4	57.6	86.4#



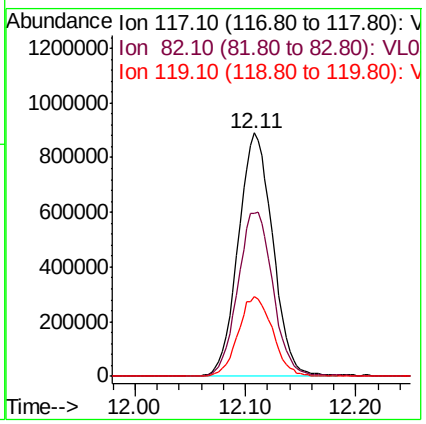


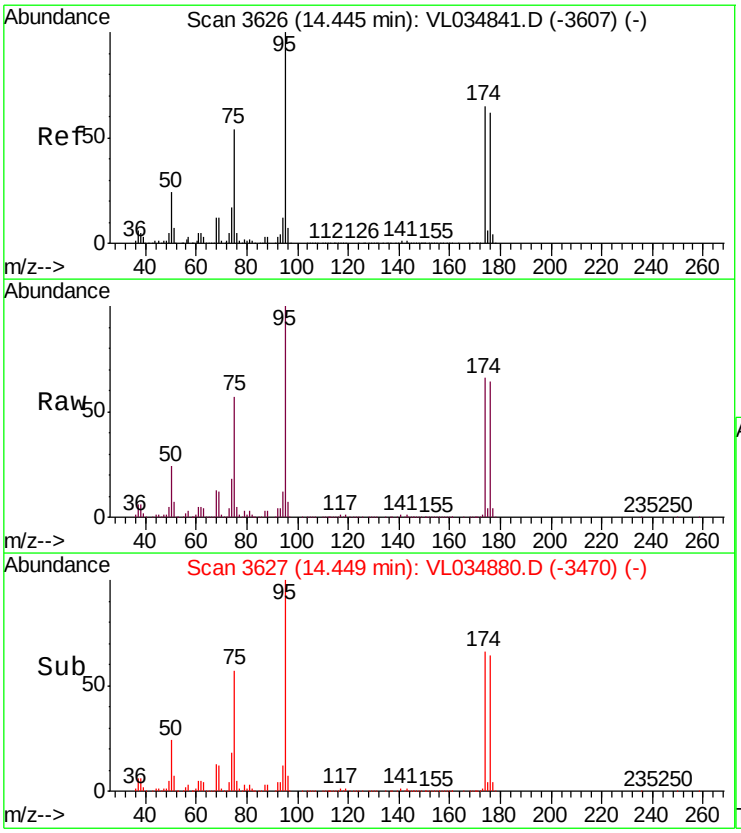
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion:117 Resp: 1927022

Ion	Ratio	Lower	Upper
117	100		
82	68.9	51.1	76.7
119	33.0	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.275 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 95 Resp: 1544143

Ion	Ratio	Lower	Upper
95	100		
174	66.6	55.2	82.8
175	4.9	4.3	6.5