Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

Quantitation Report (Not Reviewed)

Data File : VL036142.D
Acq On : 11 Dec 2020 00:09
Operator : SY/AP
Sample : L4948-15DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Quant Time: Dec 11 04:36:48 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	1336731	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2626184	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2350090	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2101539	11.26	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 112.60%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	6964	0.046	ppbv #	69
9) Propene	3.00	41	8084	0.106	ppbv	88
13) Ethanol	3.59	45	1978	0.188	ppbv #	29
15) Acetone	3.85	43	61535	0.383	ppbv #	54
20) Methylene Chloride	4.33	84	5580	0.085	ppbv #	68
26) Hexane	5.67	57	5799	0.040	ppbv #	1
30) Cyclohexane	7.10	84	4534	0.043	ppbv #	1
34) 2-Butanone	5.24	43	6646	0.038	ppbv #	71
39) 1,2-Dichloropropane	7.16	63	845311	9.617	ppbv #	24
52) Tetrachloroethene	11.20	164	13835	0.172	ppbv #	82
60) o-Xylene	13.68	91	12718	0.050	ppbv #	7

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

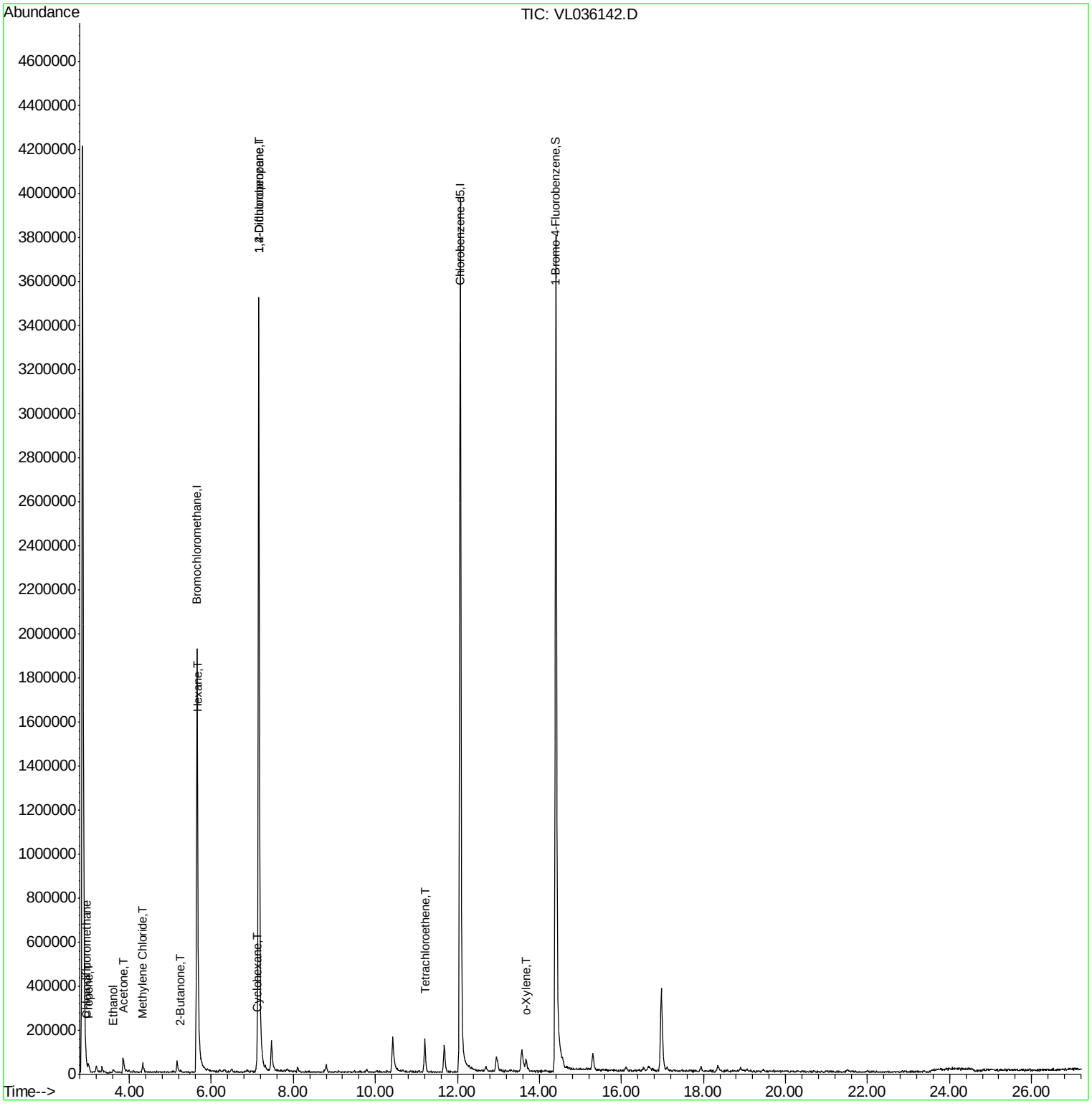
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

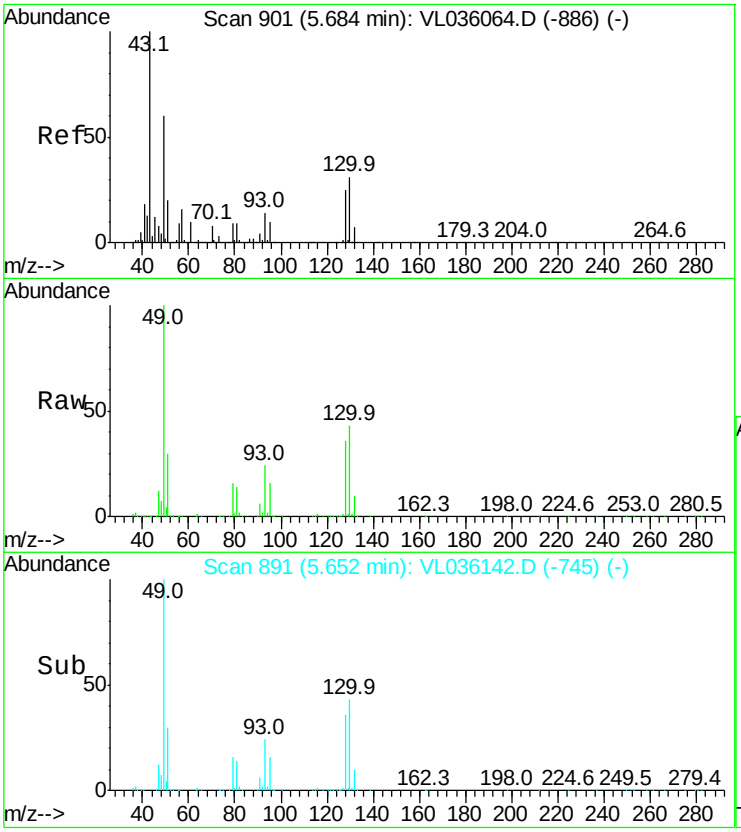
Quantitation Report (Not Reviewed)

Data File : VL036142.D
Acq On : 11 Dec 2020 00:09
Operator : SY/AP
Sample : L4948-15DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Quant Time: Dec 11 04:36:48 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



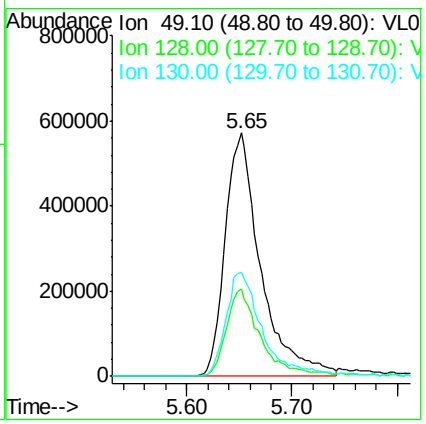


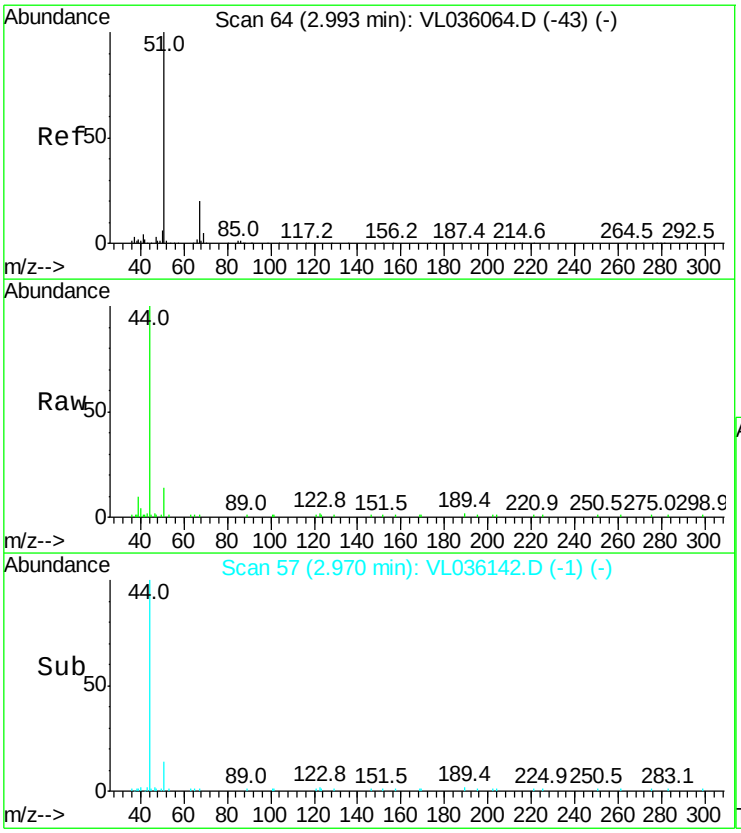
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Tgt Ion: 49 Resp: 1336731

Ion	Ratio	Lower	Upper
49	100		
128	35.2	21.1	63.1
130	44.4	27.1	81.3

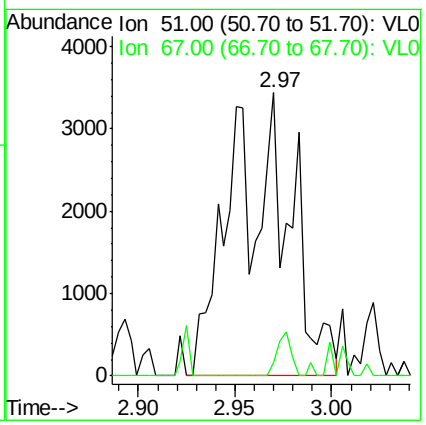


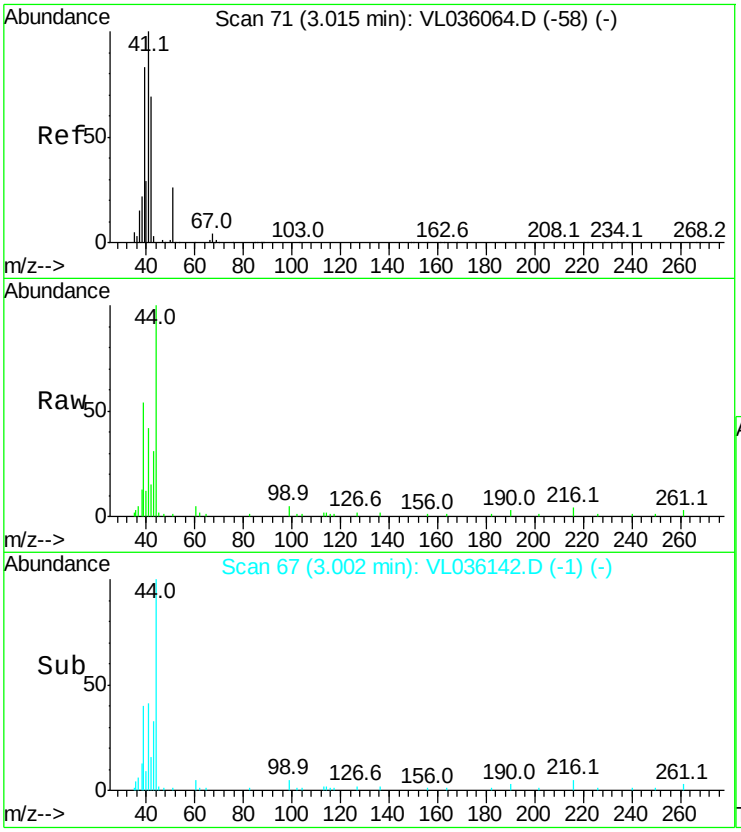


#3
Chlorodifluoromethane
Concen: 0.046 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.02 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 51 Resp: 6964

Ion	Ratio	Lower	Upper
51	100		
67	4.2	14.3	21.5#



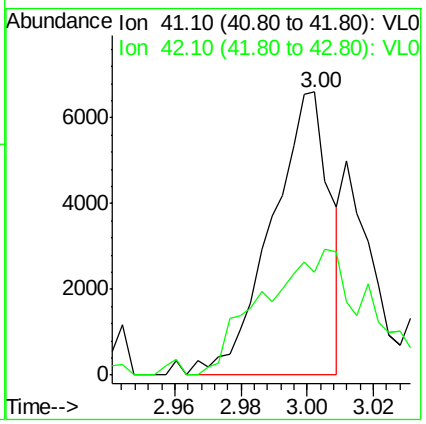


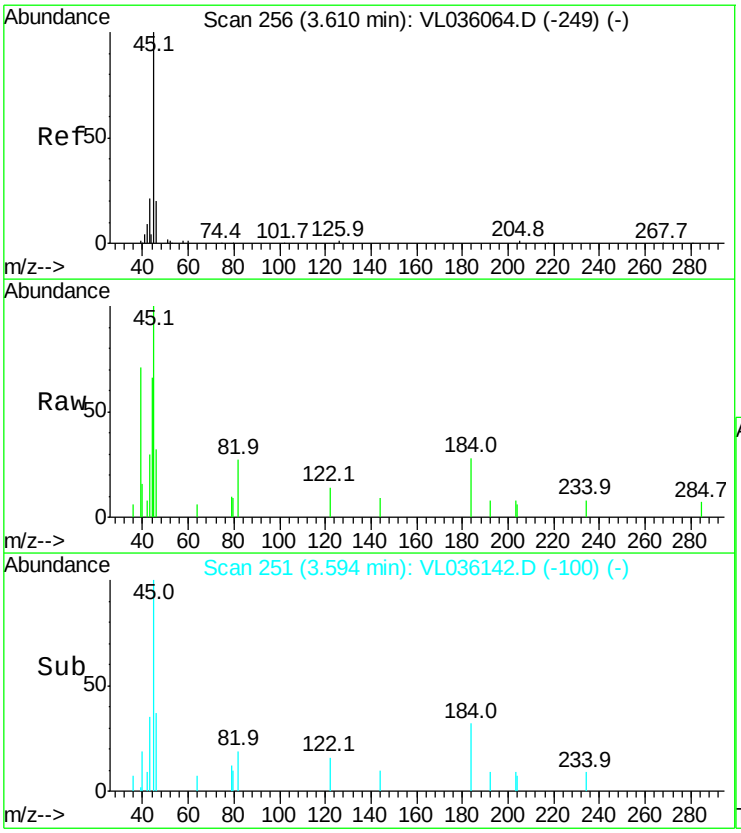
#9
Propene
Concen: 0.106 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Tgt Ion: 41 Resp: 8084

Ion	Ratio	Lower	Upper
41	100		
42	81.0	57.0	85.6

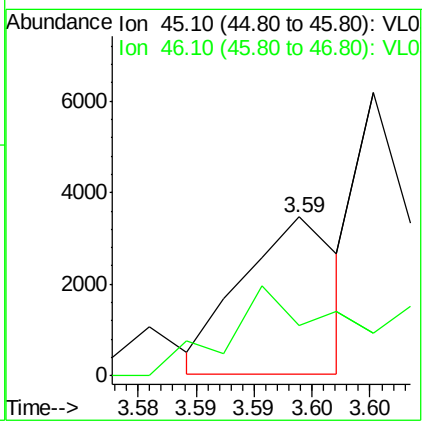


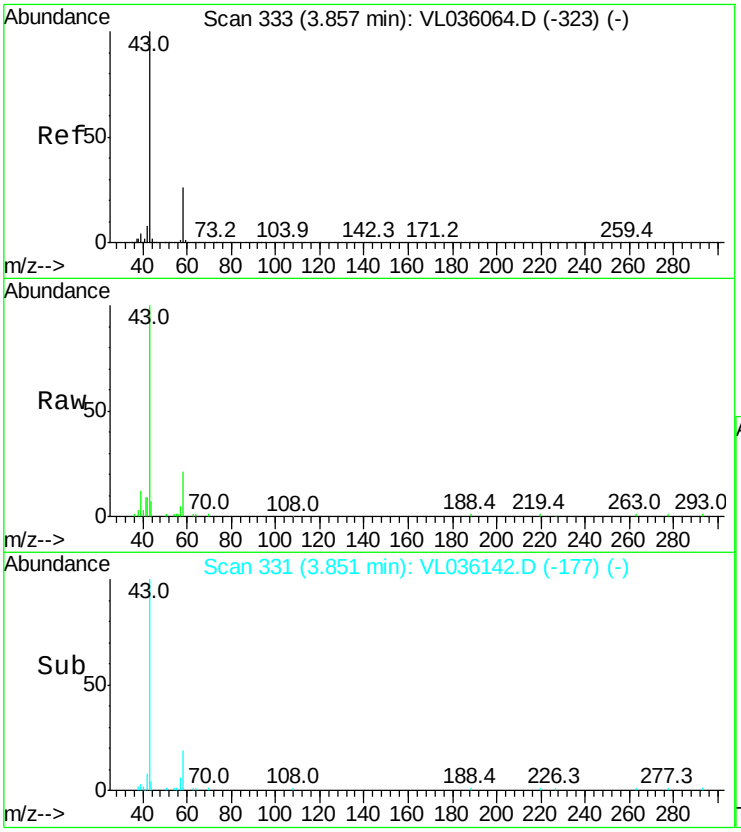


#13
Ethanol
Concen: 0.188 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 45 Resp: 1978

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.0	75.8#



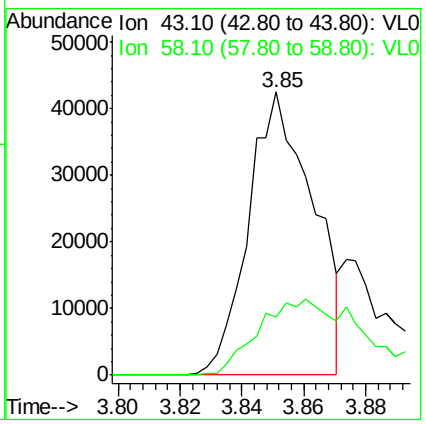


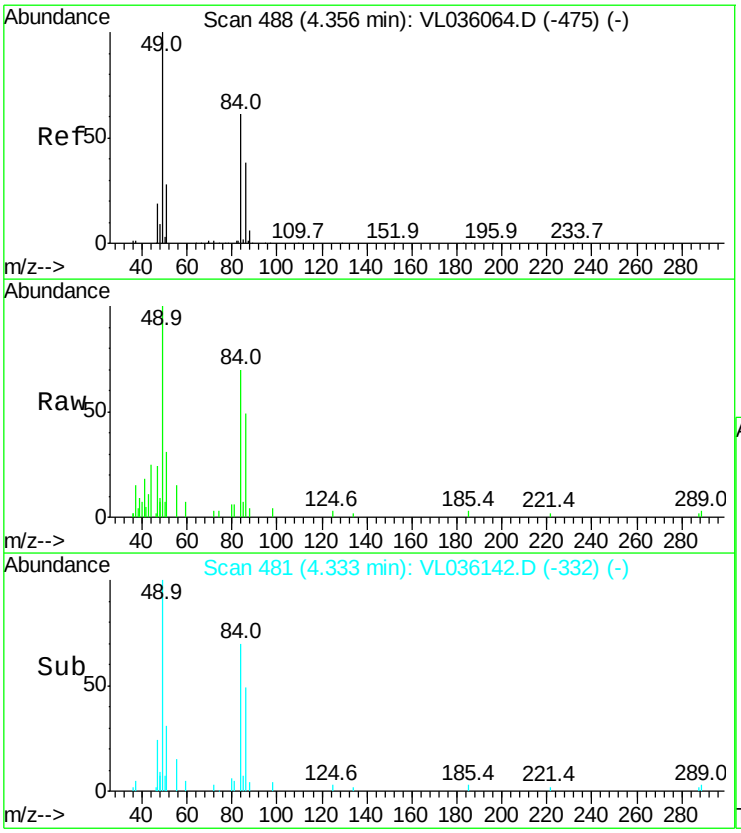
#15
Acetone
Concen: 0.383 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Tgt Ion: 43 Resp: 61535

Ion	Ratio	Lower	Upper
43	100		
58	49.5	20.9	31.3#

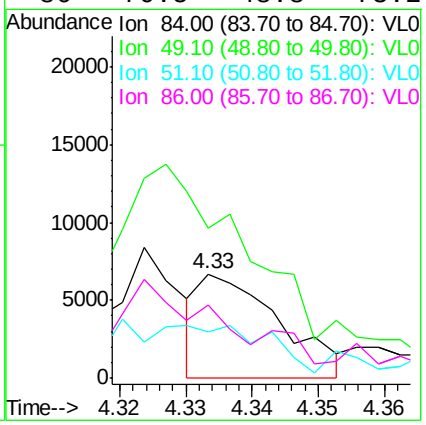


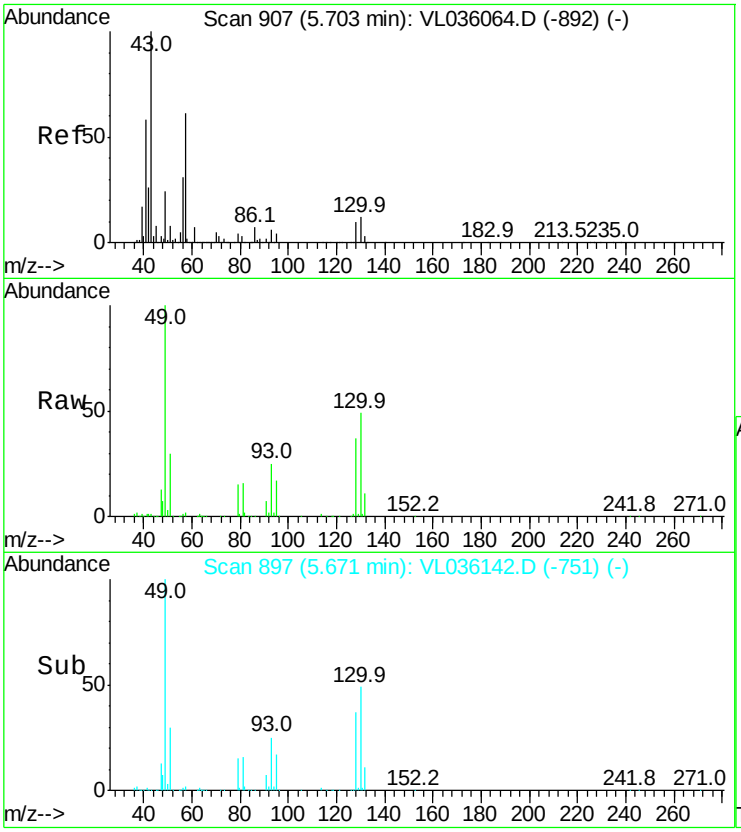


#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 84 Resp: 5580

Ion	Ratio	Lower	Upper
84	100		
49	115.3	133.0	199.4#
51	24.5	38.9	58.3#
86	70.5	48.8	73.2



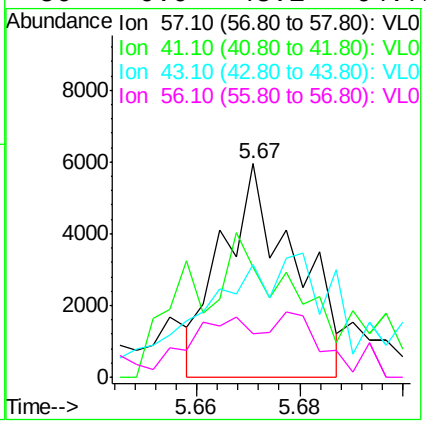


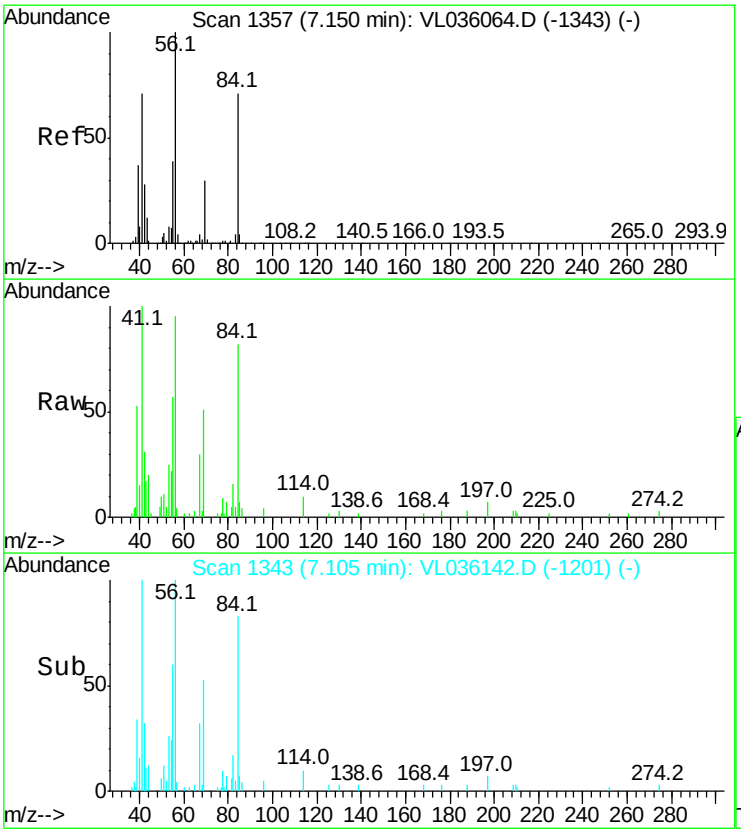
#26
Hexane
Concen: 0.040 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.03 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Tgt Ion: 57 Resp: 5799

Ion	Ratio	Lower	Upper
57	100		
41	143.9	82.9	124.3#
43	0.0	199.9	299.9#
56	0.0	43.1	64.7#

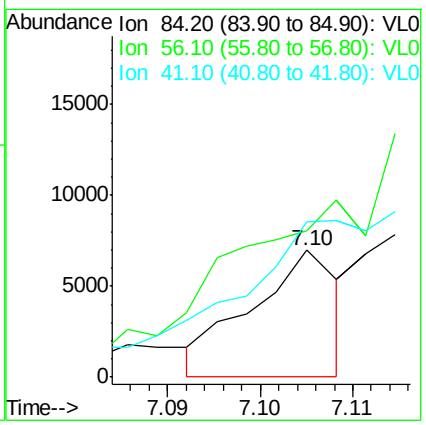


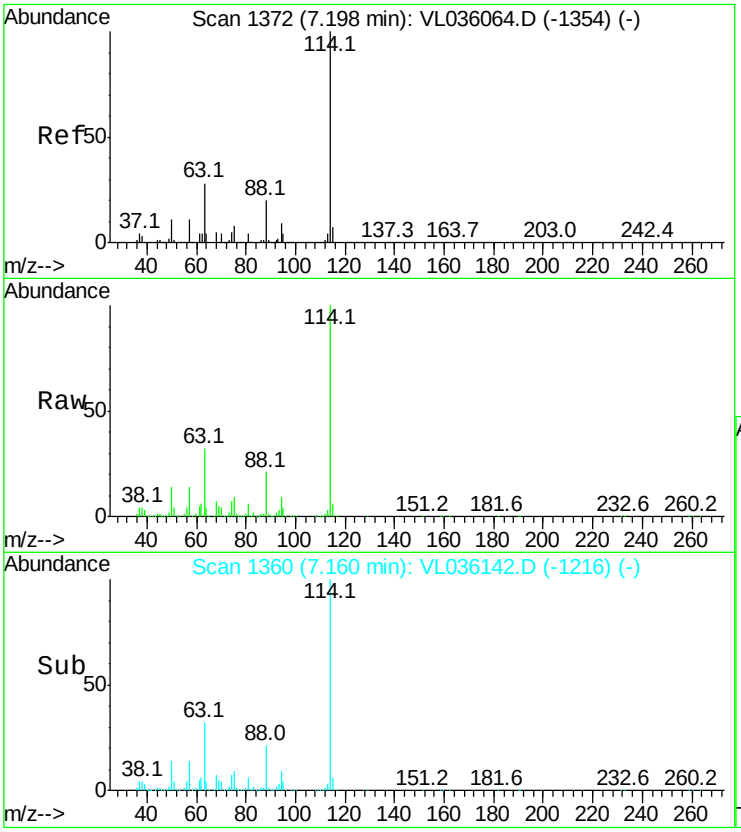


#30
Cyclohexane
Concen: 0.043 ppbv
RT: 7.10 min Scan# 1343
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 84 Resp: 4534

Ion	Ratio	Lower	Upper
84	100		
56	0.0	128.0	192.0#
41	0.0	81.3	121.9#



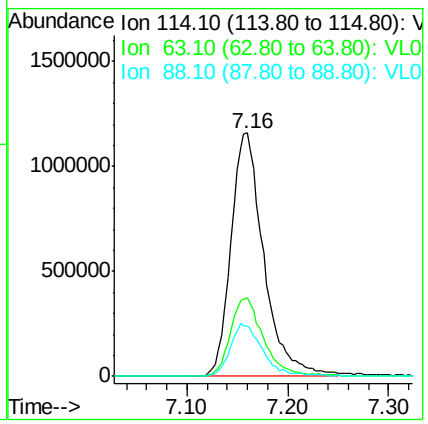


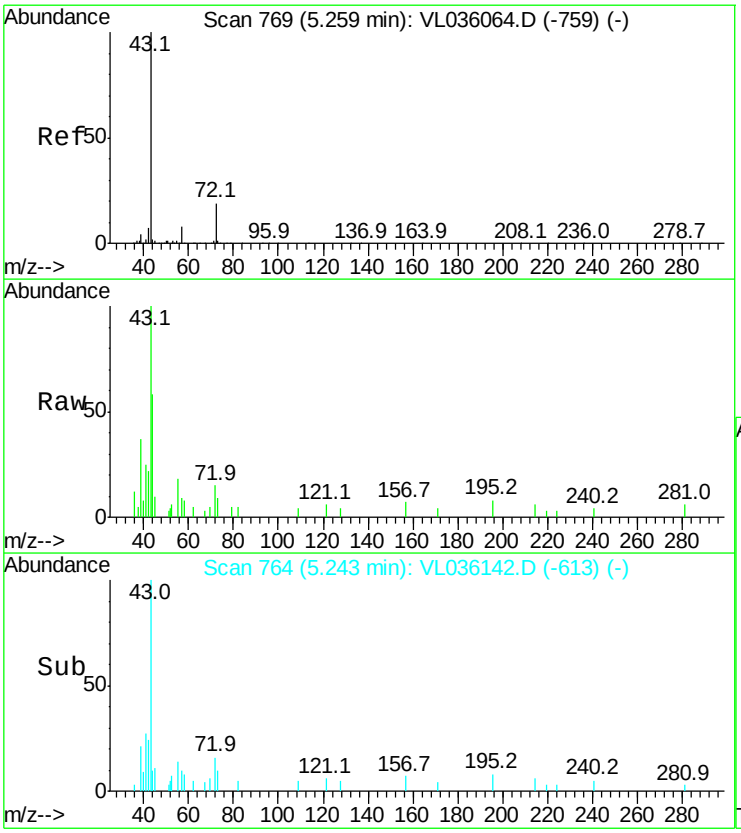
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

Tgt Ion:114 Resp: 2626184

Ion	Ratio	Lower	Upper
114	100		
63	32.8	23.6	35.4
88	21.4	15.8	23.6

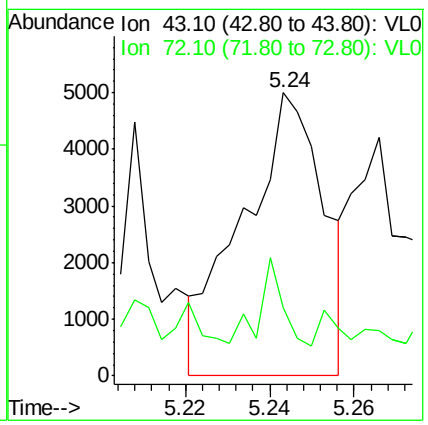


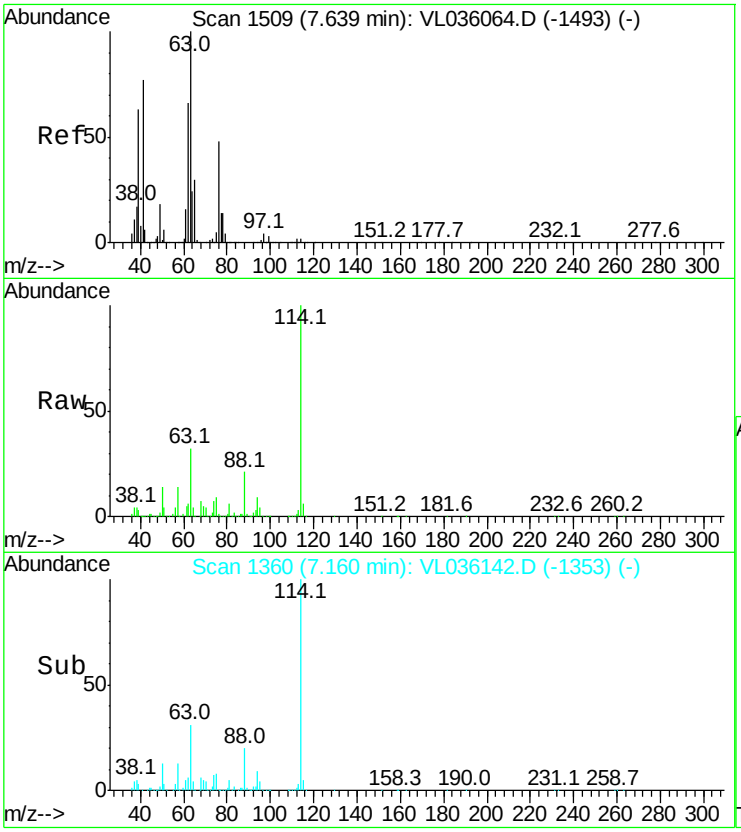


#34
2-Butanone
Concen: 0.038 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.02 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 43 Resp: 6646

Ion	Ratio	Lower	Upper
43	100		
72	34.2	16.5	24.7#



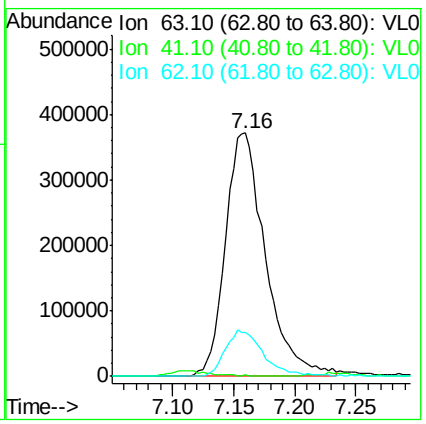


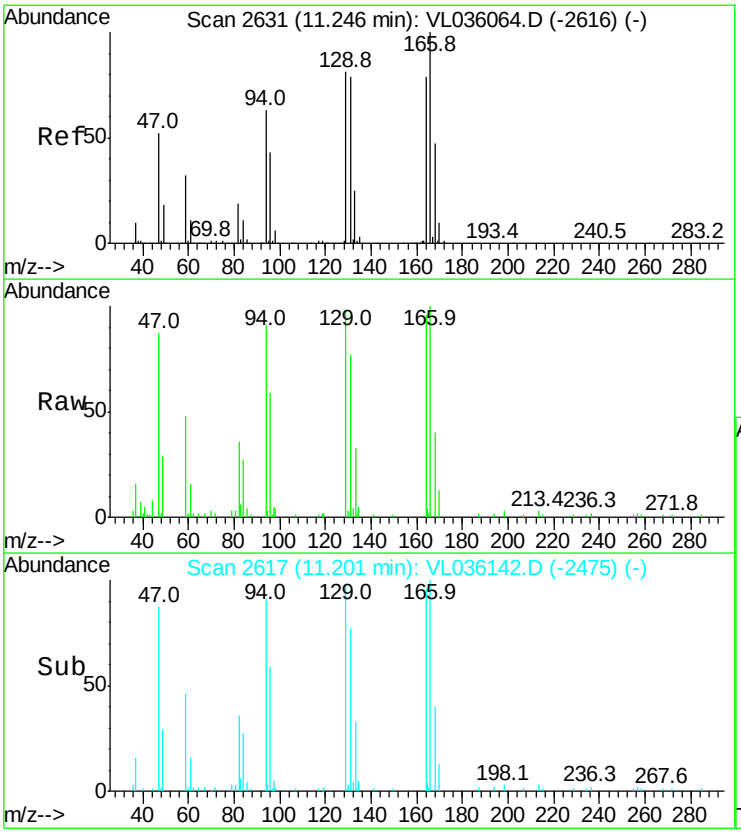
#39
1,2-Dichloropropane
Concen: 9.617 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.48 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument : MSVOA_L
ClientSampleId : SS-3BDL

Tgt Ion: 63 Resp: 845311

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	18.1	52.5	78.7#

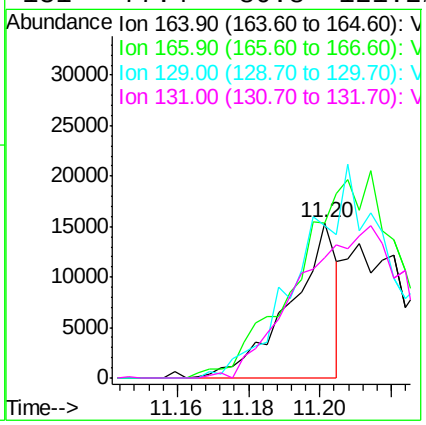


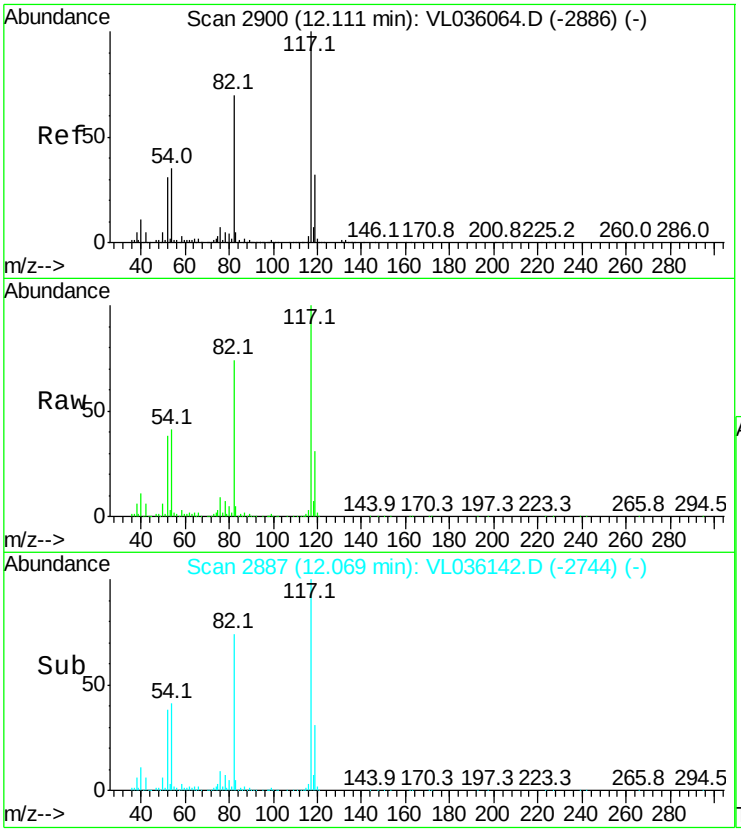


#52
Tetrachloroethene
Concen: 0.172 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion:164 Resp: 13835

Ion	Ratio	Lower	Upper
164	100		
166	100.1	101.9	152.9#
129	98.0	82.1	123.1
131	77.4	80.8	121.2#



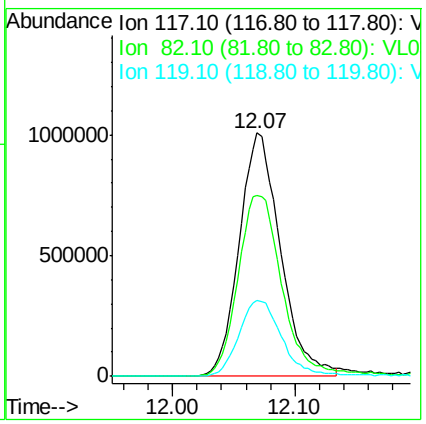


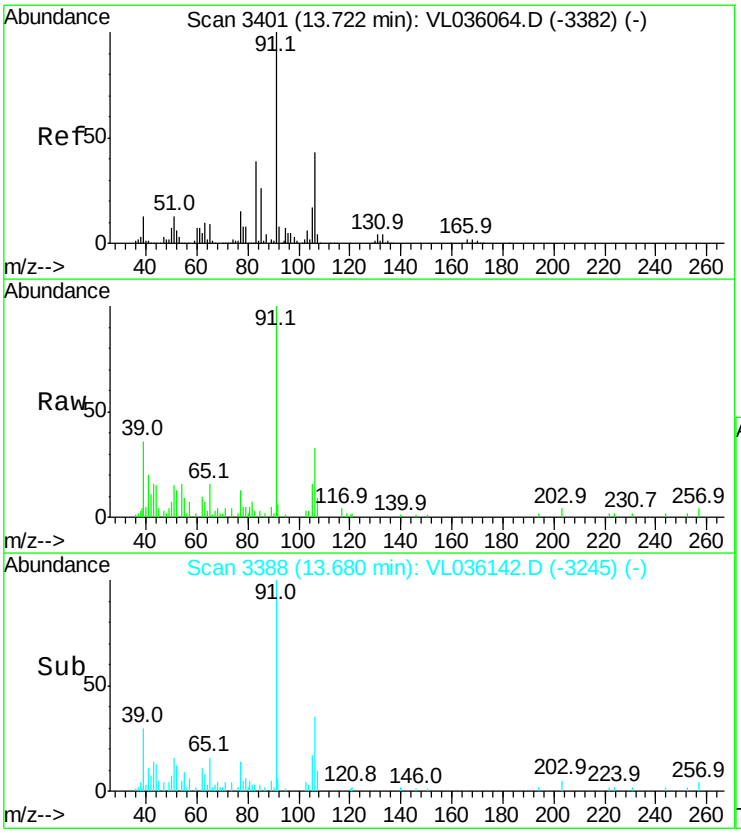
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

Tgt Ion:117 Resp: 2350090

Ion	Ratio	Lower	Upper
117	100		
82	81.0	0.0	0.0#
119	33.1	0.0	0.0#

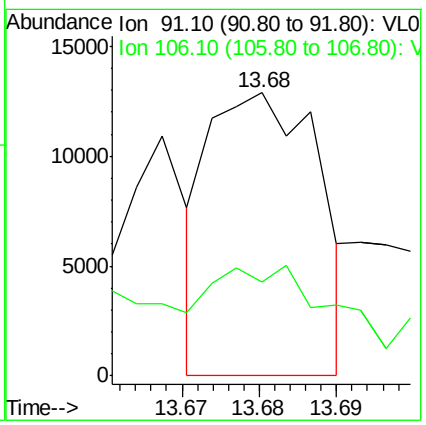


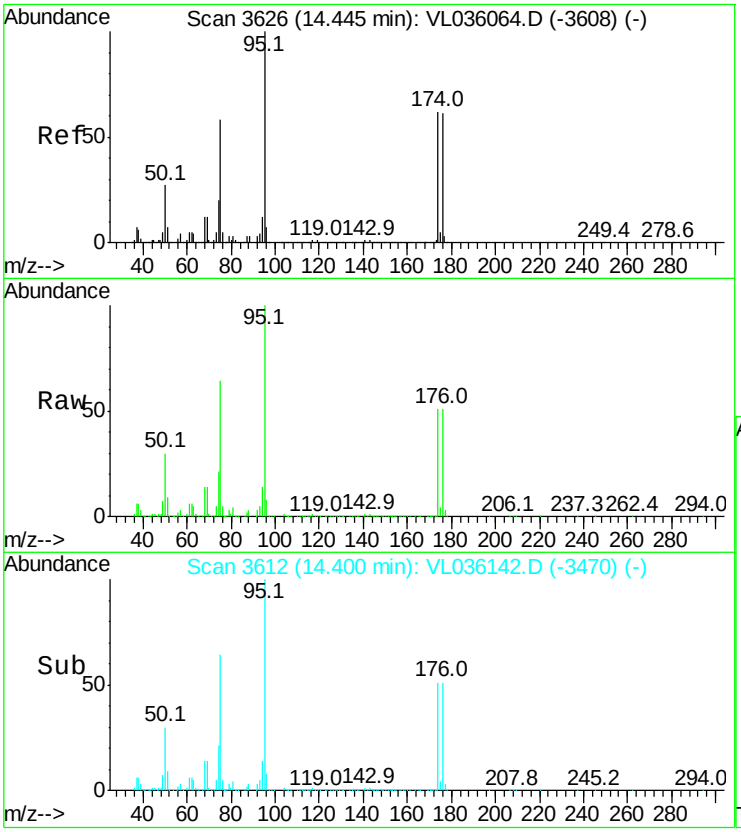


#60
o-Xylene
Concen: 0.050 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 91 Resp: 12718

Ion	Ratio	Lower	Upper
91	100		
106	102.9	21.6	64.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 11.262 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.05 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

Tgt Ion: 95 Resp: 2101539

Ion	Ratio	Lower	Upper
95	100		
174	54.4	50.7	76.1
175	4.0	4.0	6.0#