Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011619\

Quantitation Report (Not Reviewed)

Data File : VL033101.D
Acq On : 16 Jan 2019 21:05
Operator : SY/AP
Sample : CAN 10279
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10279

Quant Time: Jan 17 01:55:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	988266	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2289026	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2092992	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1605017	10.00	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
4) Chloromethane	3.17	50	8145	0.127	ppbv	99
13) Ethanol	3.67	45	932	0.056	ppbv #	40
15) Acetone	3.93	43	6860	0.050	ppbv #	49
20) Methylene Chloride	4.41	84	14931	0.262	ppbv #	83
39) 1,2-Dichloropropane	7.28	63	589631	8.371	ppbv #	23

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011619\

Quantitation Report (Not Reviewed)

Data File : VL033101.D
Acq On : 16 Jan 2019 21:05
Operator : SY/AP
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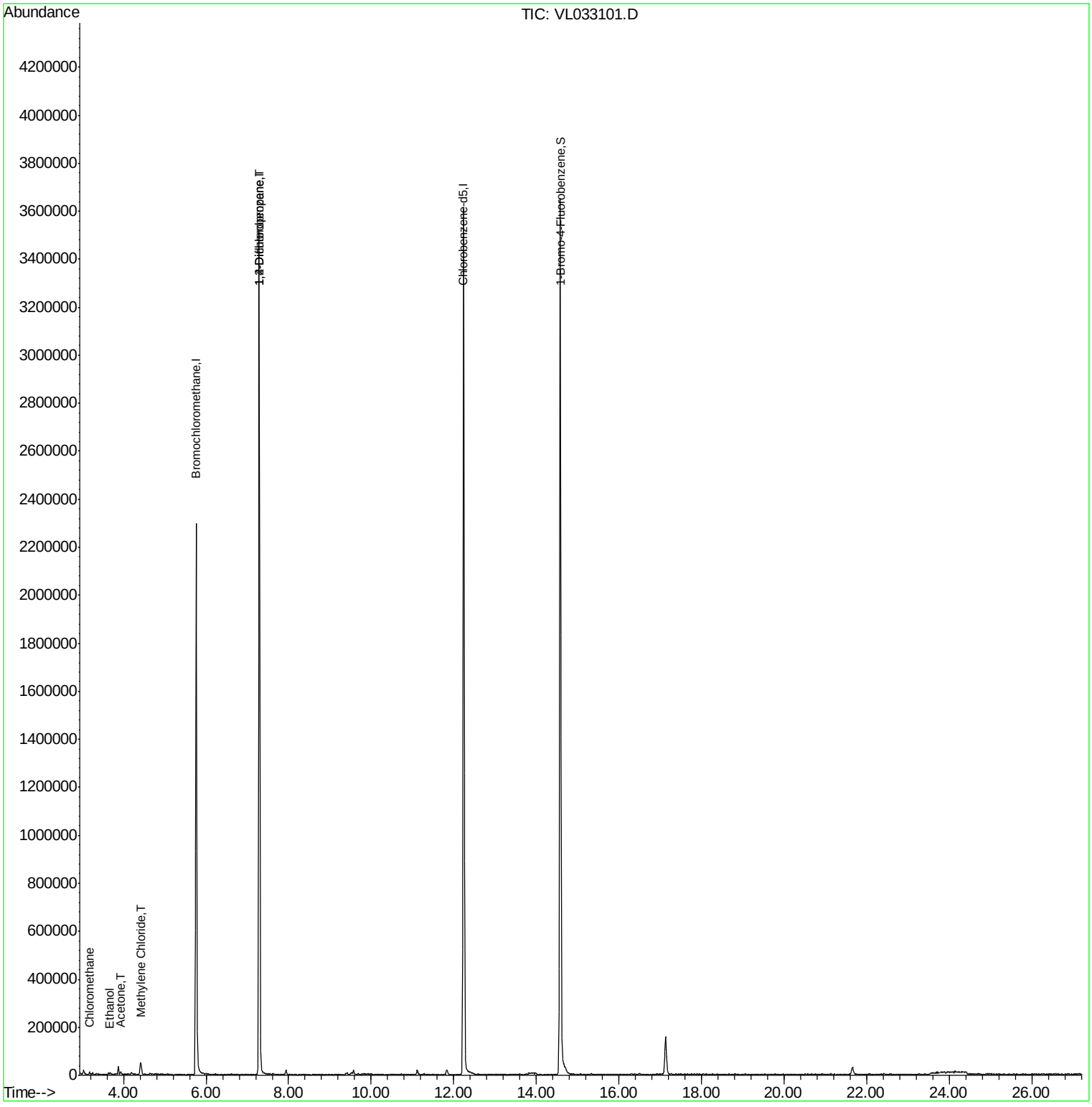
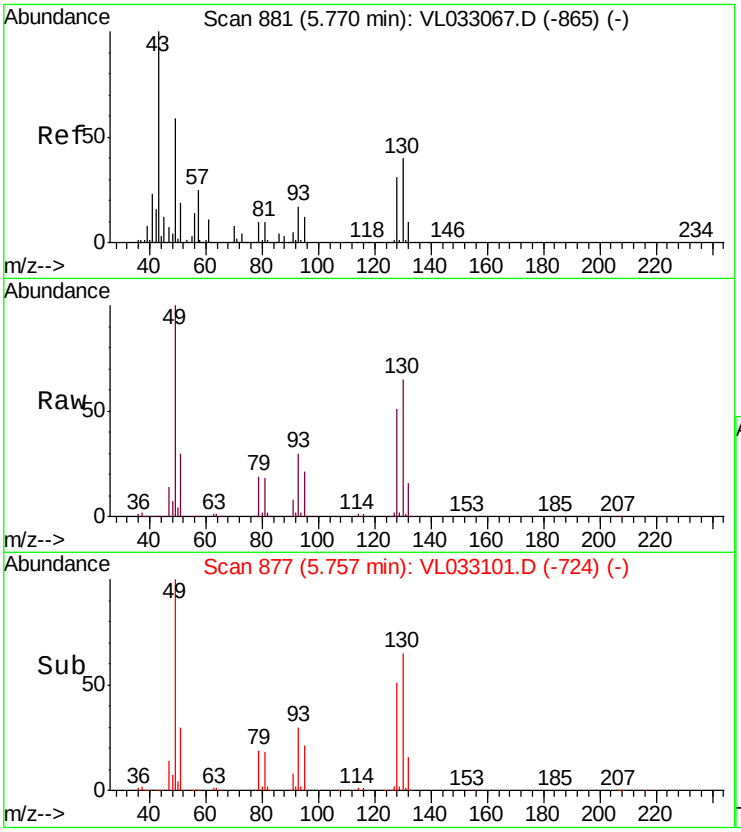
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration



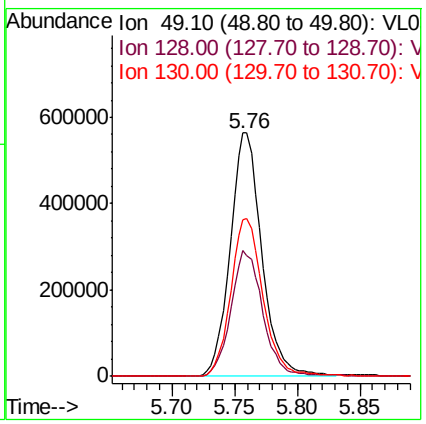


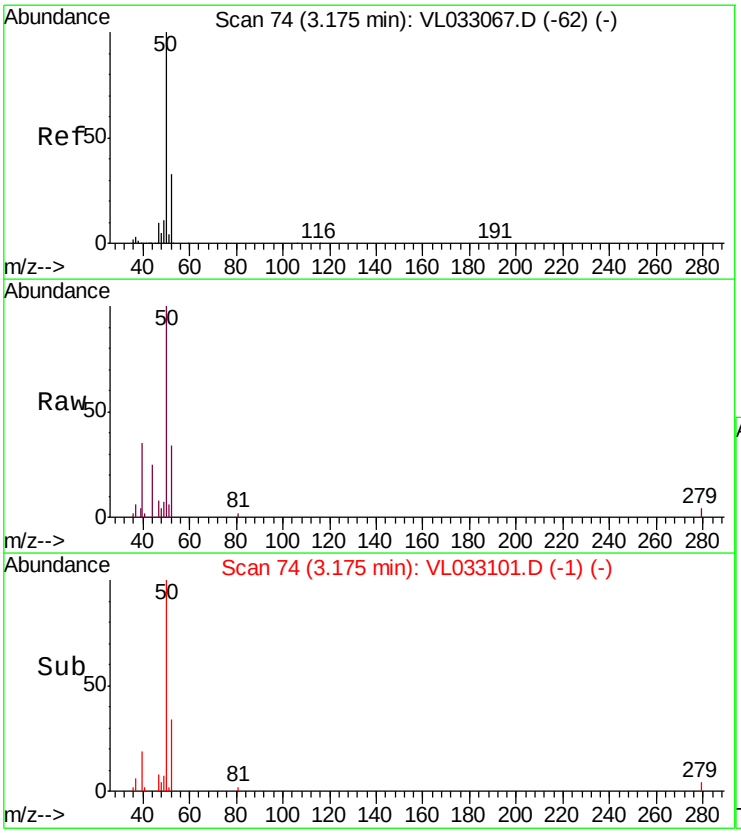
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Instrument :
MSVOA_L
ClientSampleId :
CAN 10279

Tgt Ion: 49 Resp: 988266

Ion	Ratio	Lower	Upper
49	100		
128	52.3	26.2	78.5
130	66.7	33.6	100.6

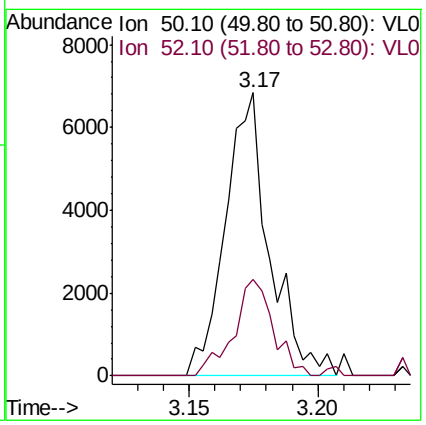


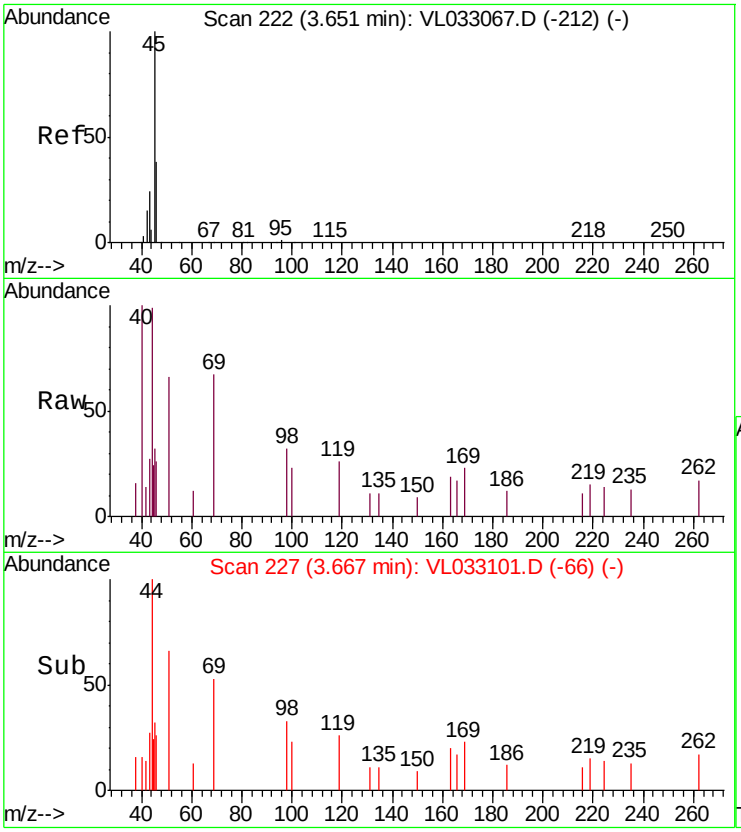


#4
Chloromethane
Concen: 0.127 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Tgt Ion: 50 Resp: 8145

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.9	40.3



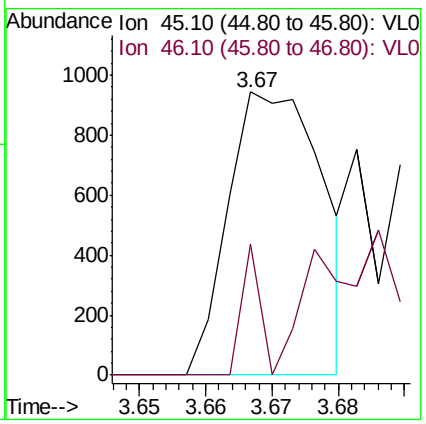


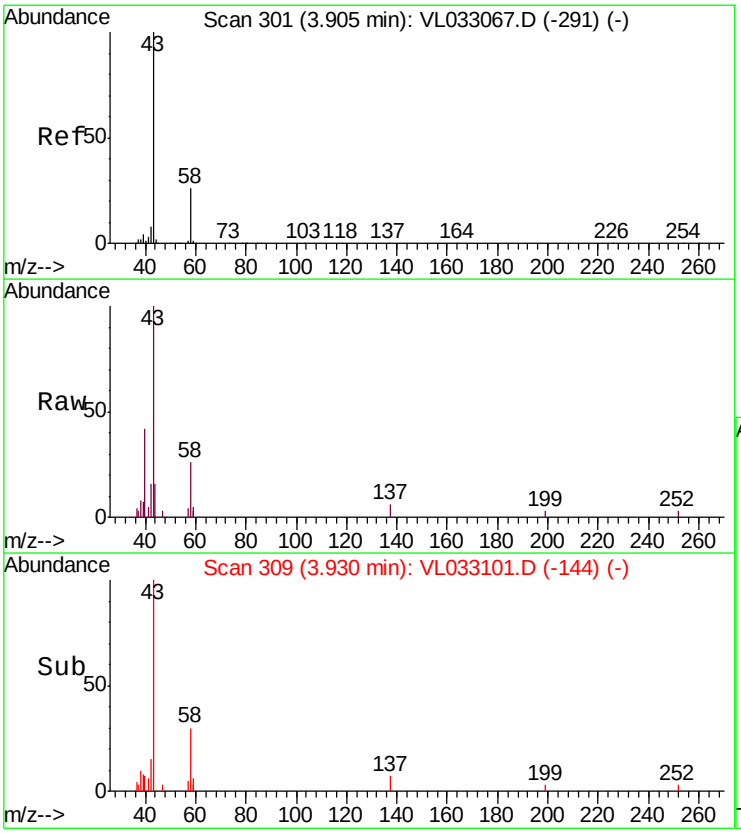
#13
Ethanol
Concen: 0.056 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.02 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Instrument : MSVOA_L
ClientSampleId : CAN 10279

Tgt Ion: 45 Resp: 932

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.2#

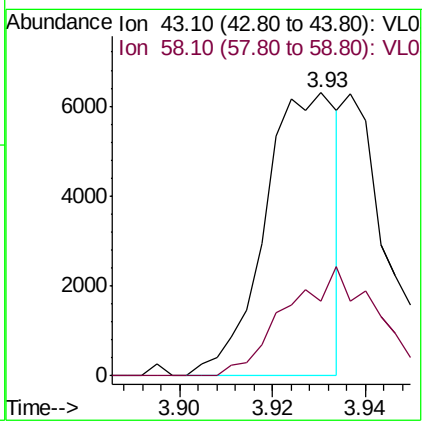


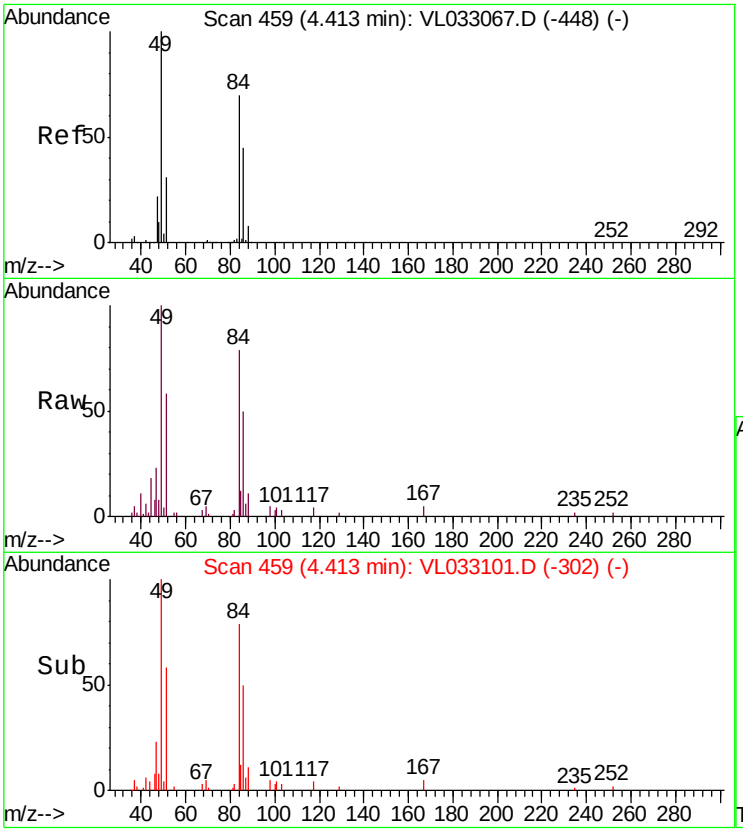


#15
Acetone
Concen: 0.050 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.03 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Tgt Ion: 43 Resp: 6860

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.1	31.7#



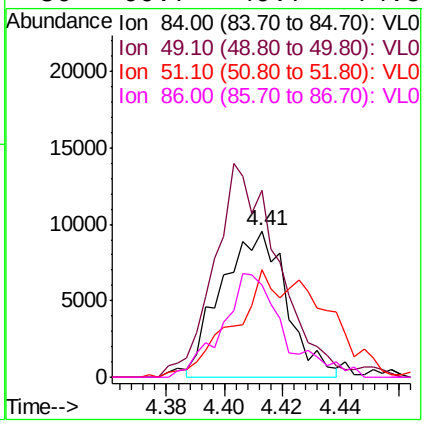


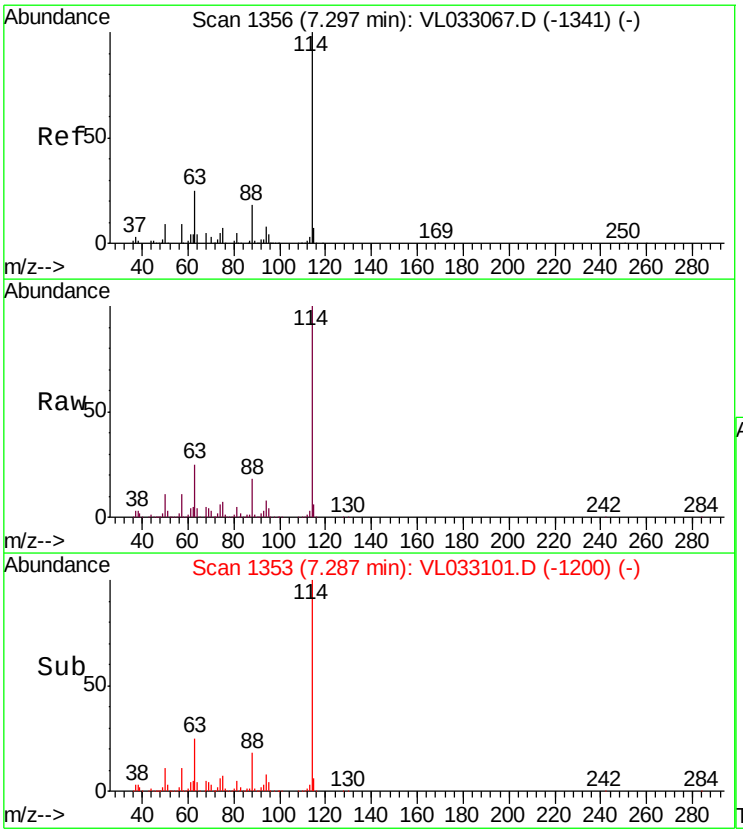
#20
Methylene Chloride
Concen: 0.262 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Instrument : MSVOA_L
ClientSampleId : CAN 10279

Tgt Ion: 84 Resp: 14931

Ion	Ratio	Lower	Upper
84	100		
49	125.3	115.8	173.6
51	71.8	35.7	53.5#
86	60.7	49.7	74.5

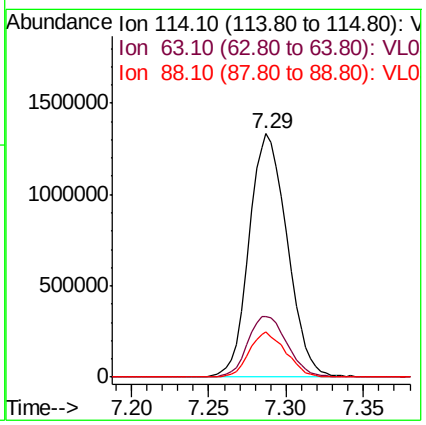


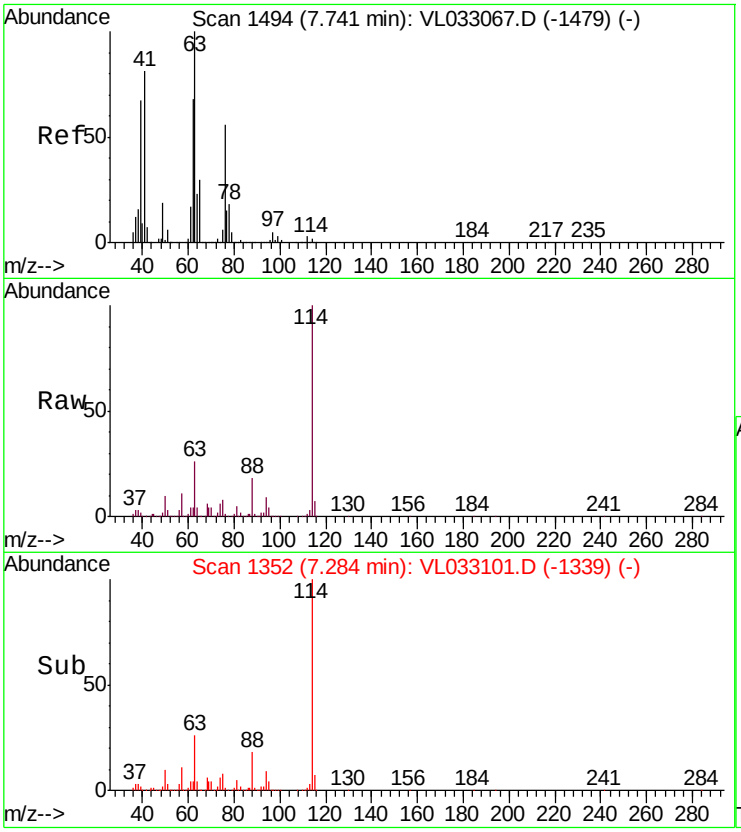


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Tgt Ion:114 Resp: 2289026

Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.1	30.1
88	17.8	14.0	21.0



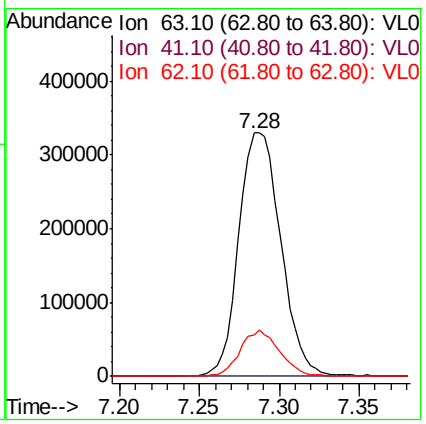


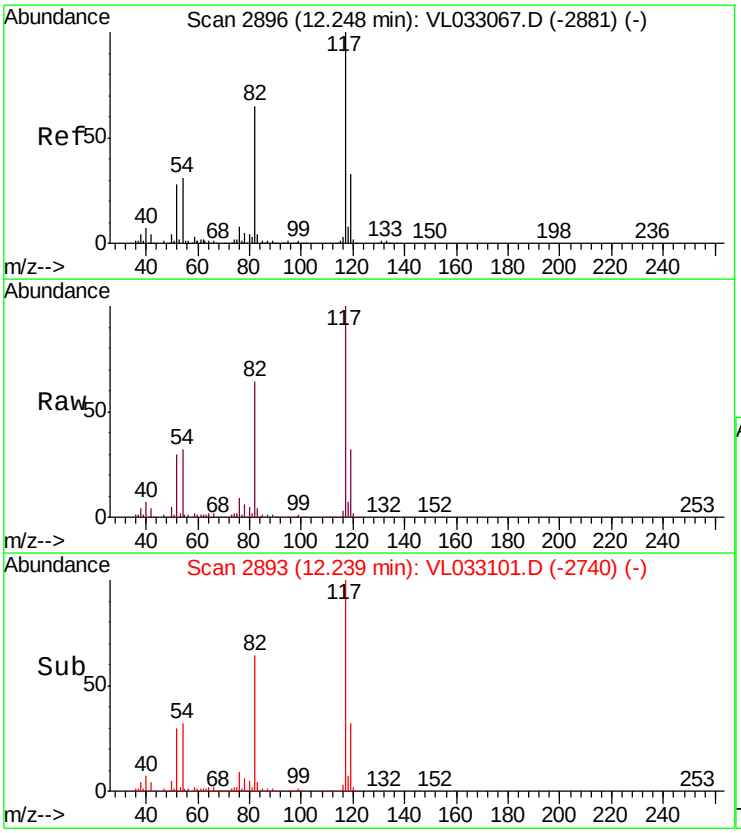
#39
1,2-Dichloropropane
Concen: 8.371 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.46 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Instrument :
MSVOA_L
ClientSampleId :
CAN 10279

Tgt Ion: 63 Resp: 589631

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.9	92.9#
62	17.1	55.8	83.6#

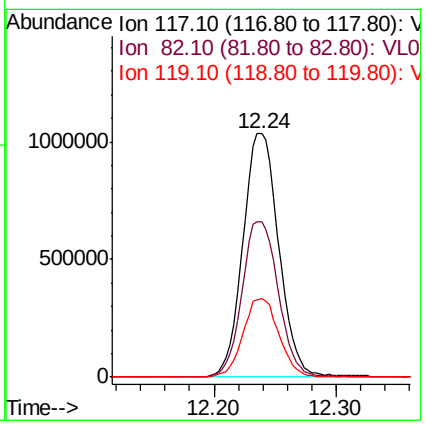


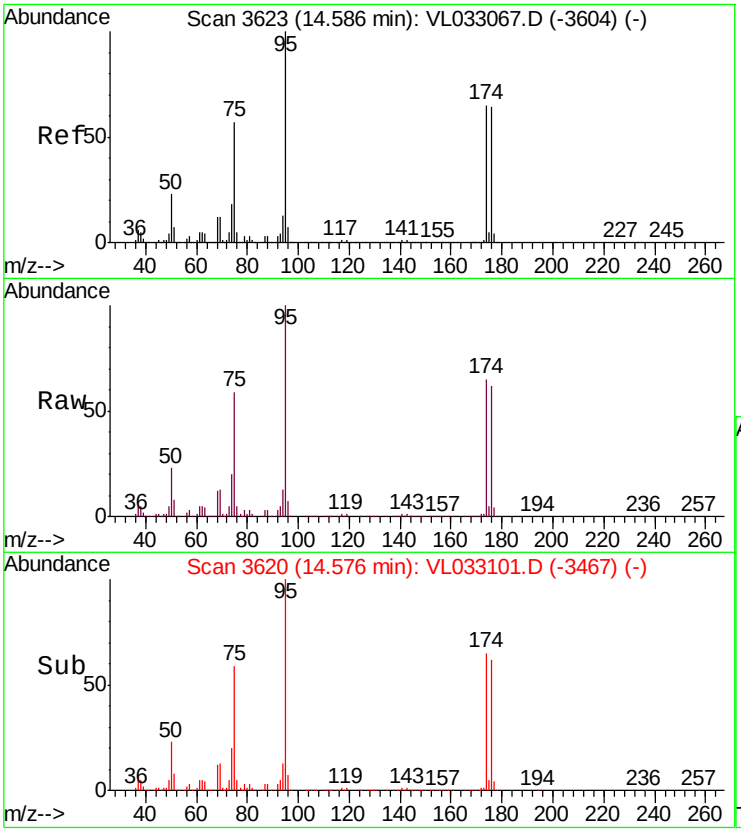


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Tgt Ion:117 Resp: 2092992

Ion	Ratio	Lower	Upper
117	100		
82	65.1	48.9	73.3
119	32.6	24.6	37.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.004 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033101.D
Acq: 16 Jan 2019 21:05

Instrument :
MSVOA_L
ClientSampleId :
CAN 10279

Tgt Ion: 95 Resp: 1605017

Ion	Ratio	Lower	Upper
95	100		
174	65.2	51.9	77.9
175	4.8	3.9	5.9