Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051419\

Quantitation Report (Not Reviewed)

Data File : VL033686.D
Acq On : 14 May 2019 11:40
Operator : SY/AP
Sample : VL0514ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0514ABL01

Quant Time: May 15 02:31:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	870366	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2018295	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2053235	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1559983	9.27	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	1794	0.014	ppbv #	89
15) Acetone	3.93	43	17131	0.132	ppbv	93
20) Methylene Chloride	4.40	84	1141	0.023	ppbv	89
30) Cyclohexane	7.27	84	5718	0.075	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	537107	7.963	ppbv #	23
43) Methyl Methacrylate	7.94	69	1395	0.020	ppbv #	1

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

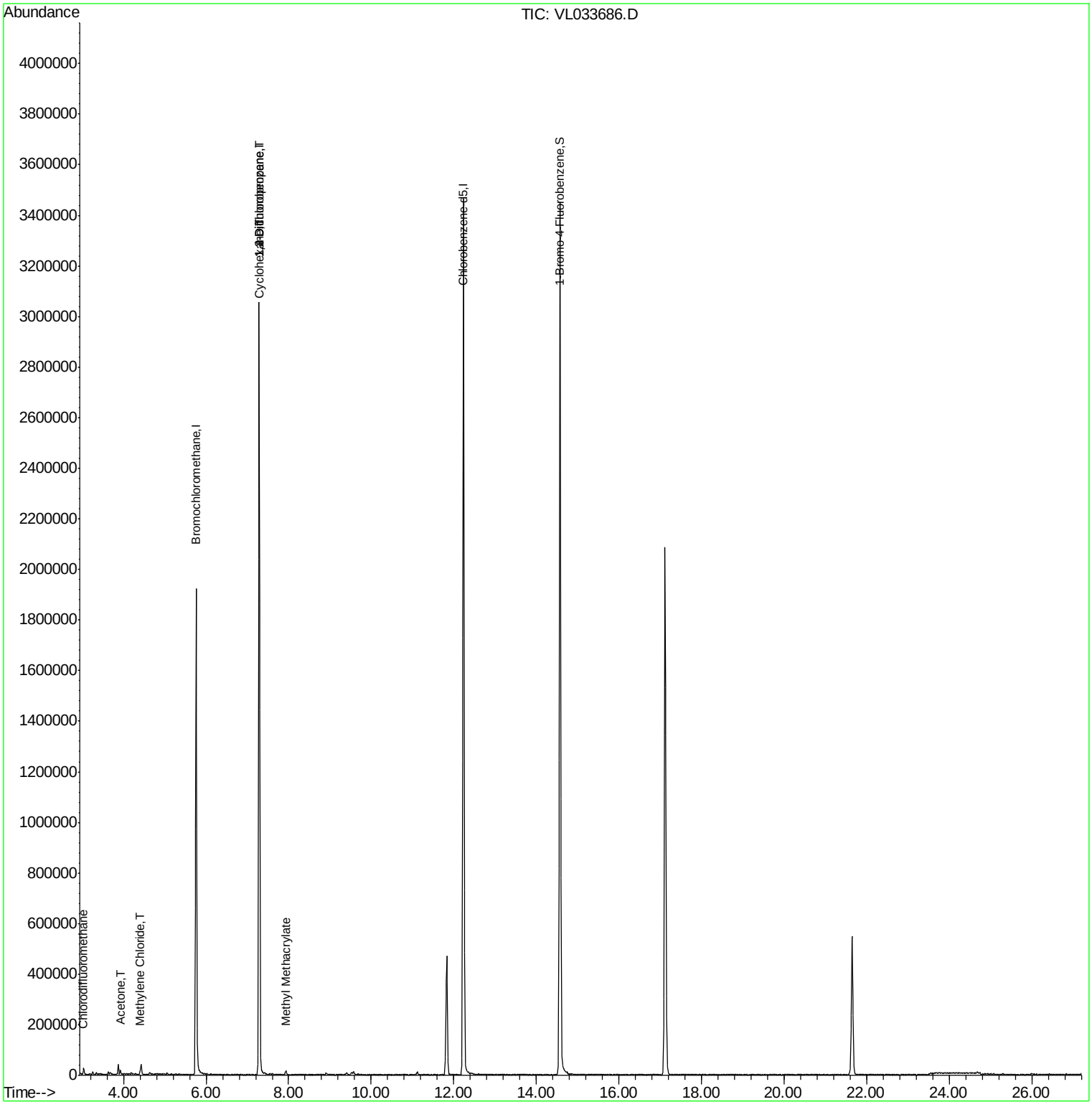
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051419\

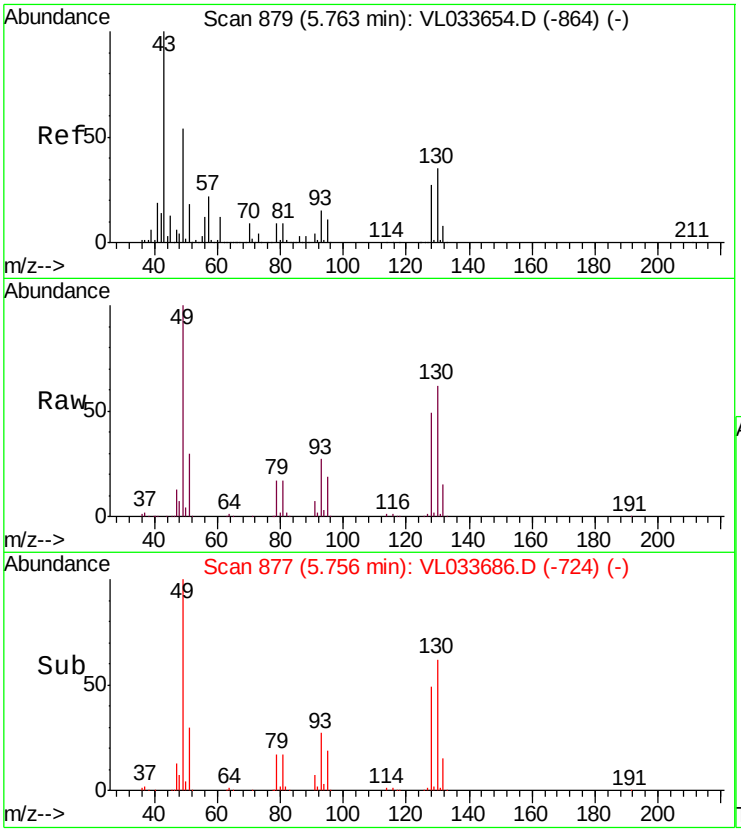
Quantitation Report (Not Reviewed)

Data File : VL033686.D
Acq On : 14 May 2019 11:40
Operator : SY/AP
Sample : VL0514ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0514ABL01

Quant Time: May 15 02:31:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration



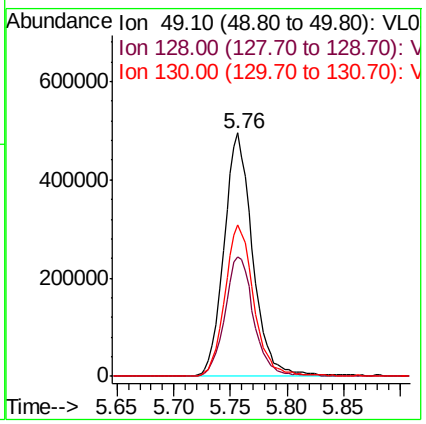


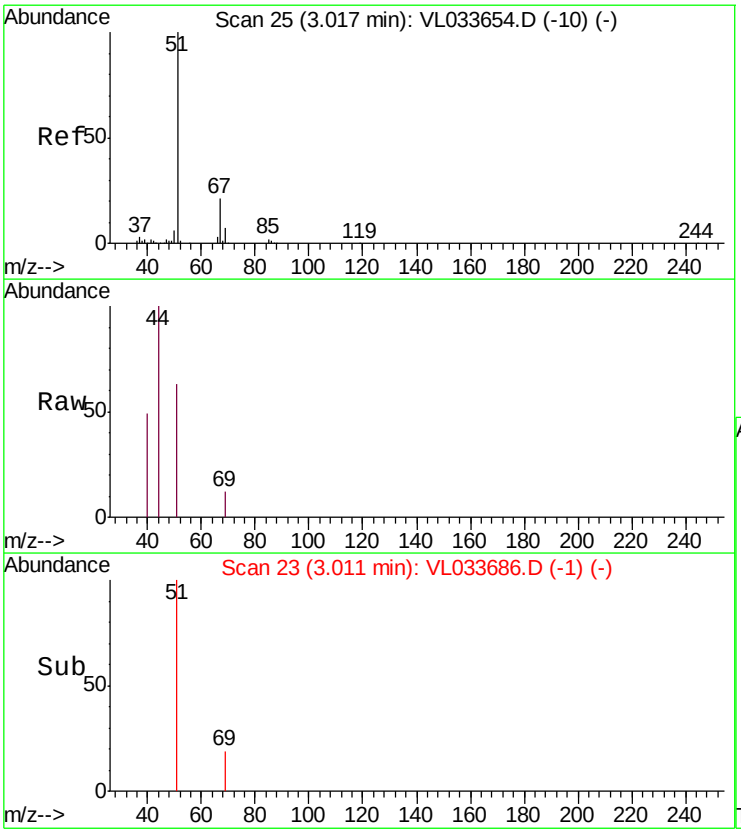
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Instrument :
MSVOA_L
ClientSampleId :
VL0514ABL01

Tgt Ion: 49 Resp: 870366

Ion	Ratio	Lower	Upper
49	100		
128	49.9	24.8	74.3
130	63.3	32.1	96.5

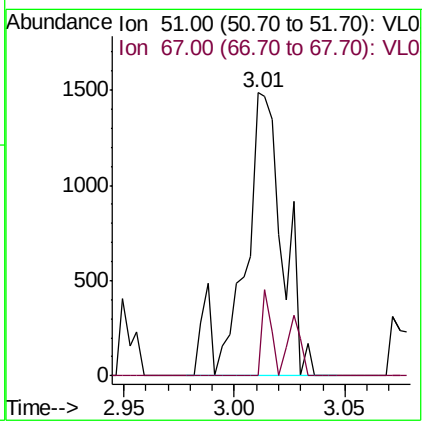


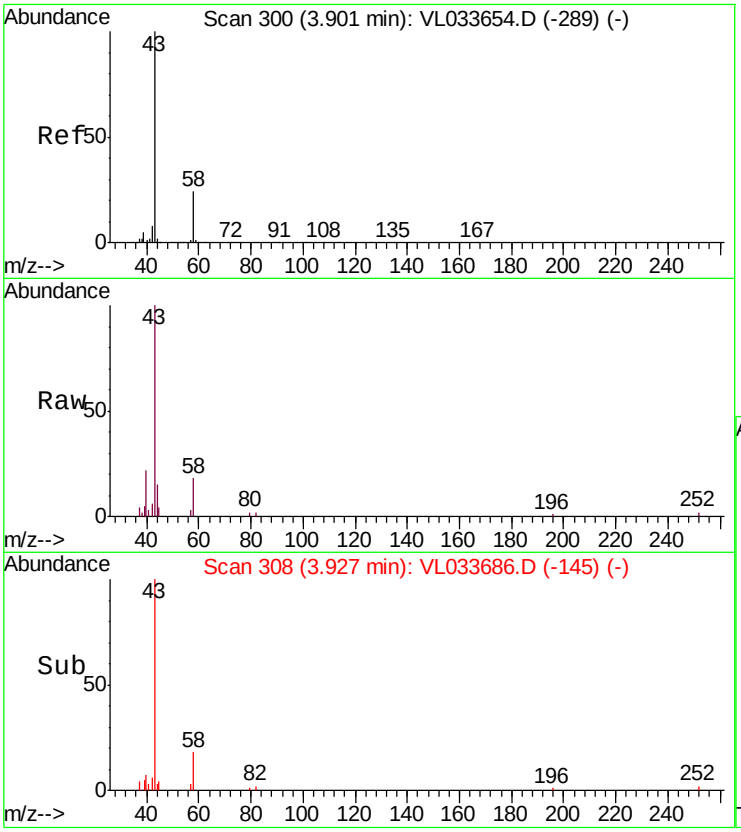


#3
Chlorodifluoromethane
Concen: 0.014 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.01 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Tgt Ion: 51 Resp: 1794

Ion	Ratio	Lower	Upper
51	100		
67	14.5	15.7	23.5#



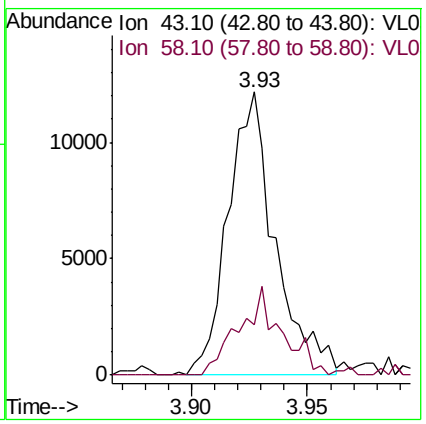


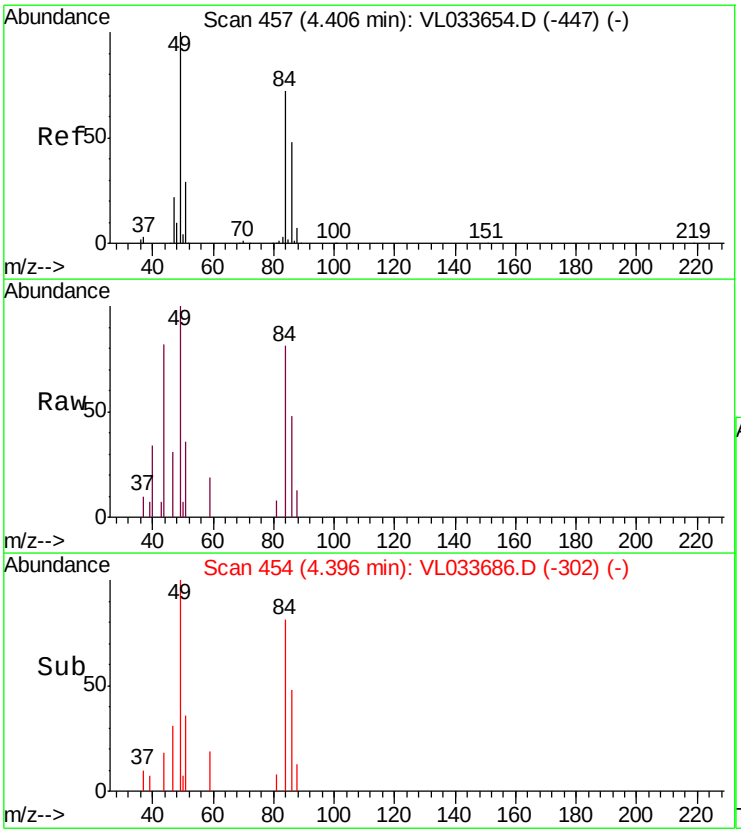
#15
Acetone
Concen: 0.132 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.03 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Instrument : MSVOA_L
ClientSampleId : VL0514ABL01

Tgt Ion: 43 Resp: 17131

Ion	Ratio	Lower	Upper
43	100		
58	29.5	20.9	31.3

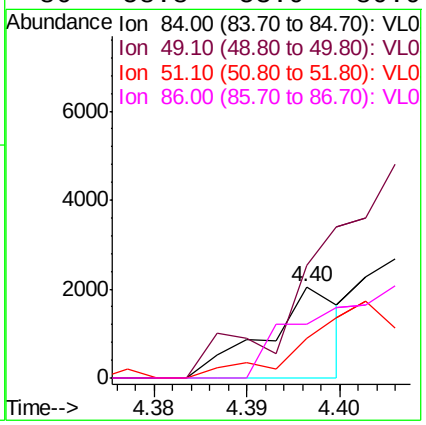


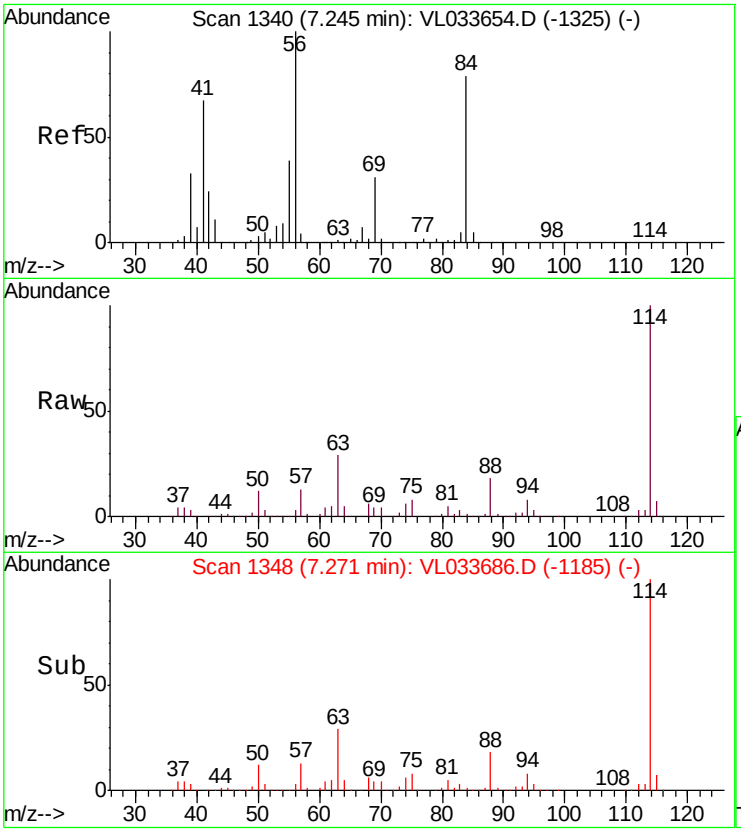


#20
Methylene Chloride
Concen: 0.023 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.01 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Tgt Ion: 84 Resp: 1141

Ion	Ratio	Lower	Upper
84	100		
49	123.5	111.8	167.6
51	43.9	32.3	48.5
86	58.8	53.9	80.9



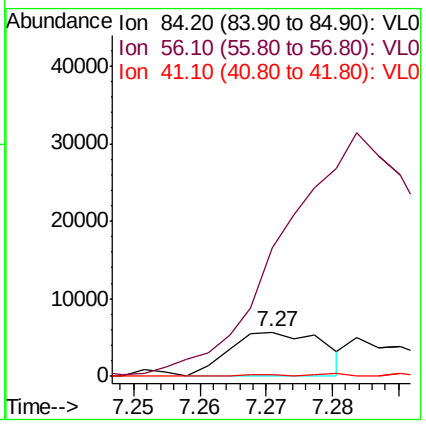


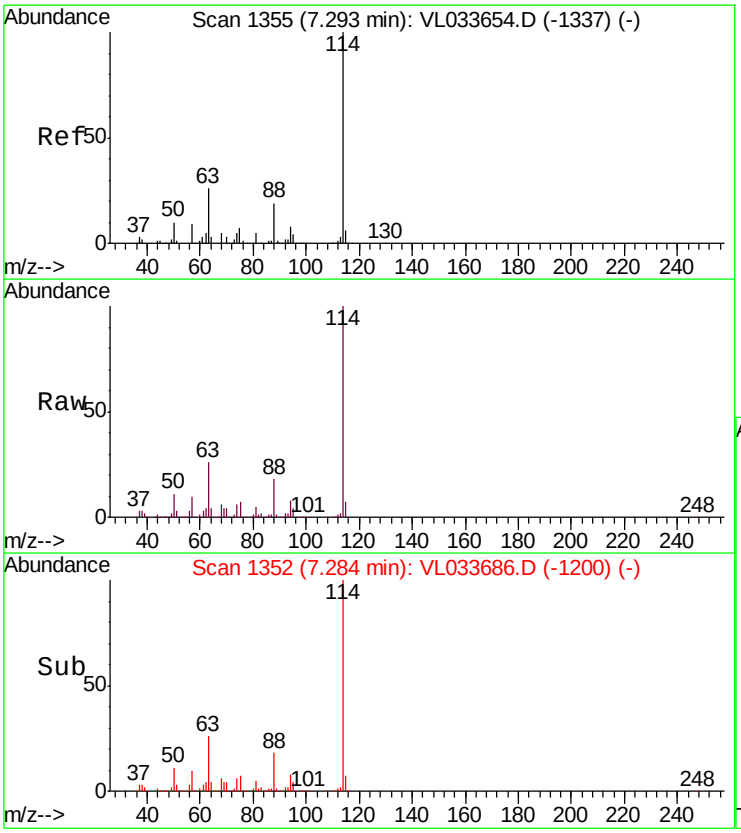
#30
Cyclohexane
Concen: 0.075 ppbv
RT: 7.27 min Scan# 1348
Delta R.T. 0.03 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Instrument : MSVOA_L
ClientSampleId : VL0514ABL01

Tgt Ion: 84 Resp: 5718

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.0	160.4#
41	0.0	66.6	99.8#

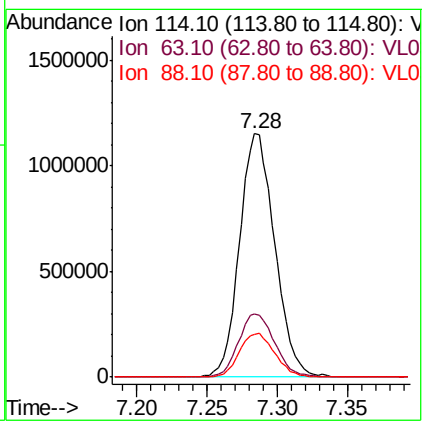


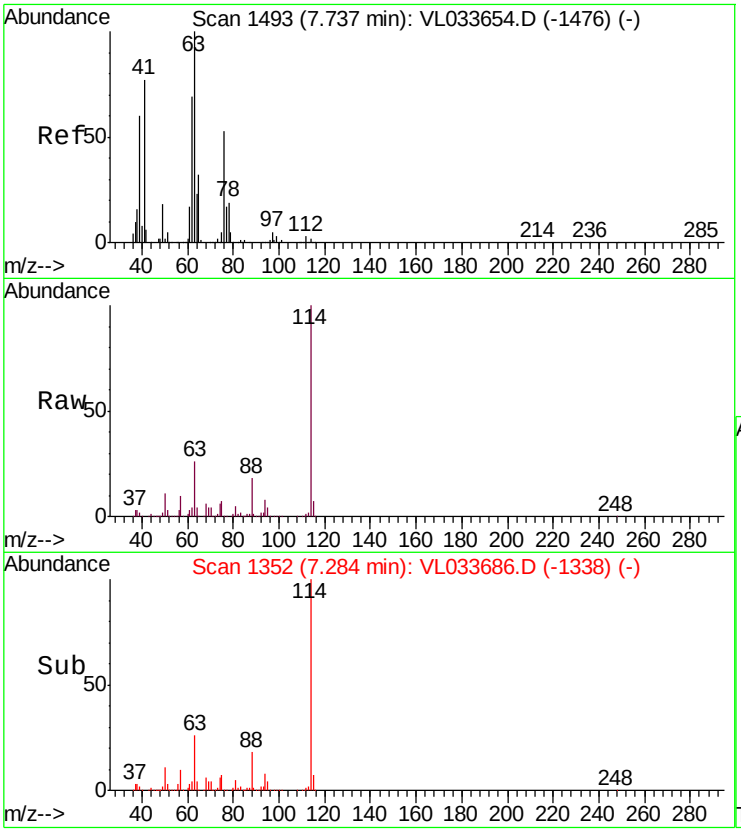


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Tgt Ion:114 Resp: 2018295

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.3	31.9
88	18.1	14.4	21.6



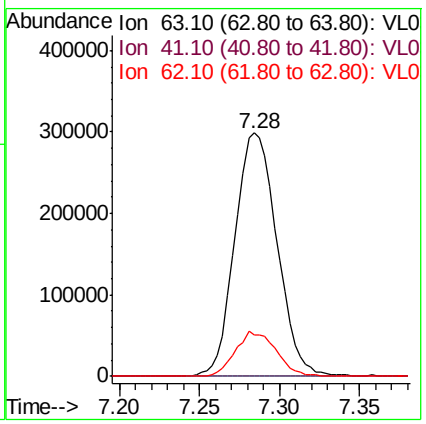


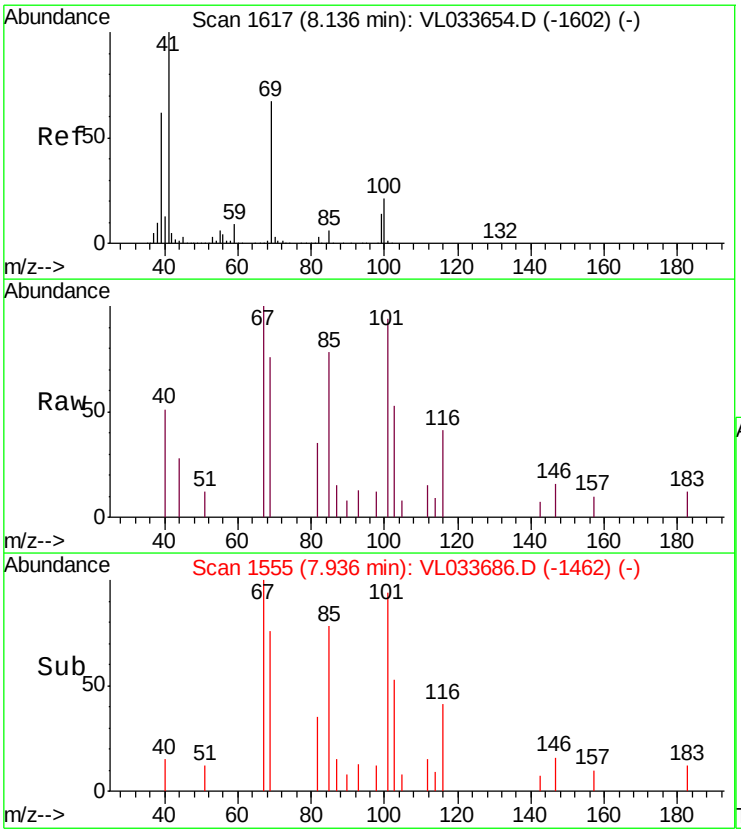
#39
1,2-Dichloropropane
Concen: 7.963 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Instrument :
MSVOA_L
ClientSampleId :
VL0514ABL01

Tgt Ion: 63 Resp: 537107

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.6	92.4#
62	16.8	55.0	82.6#

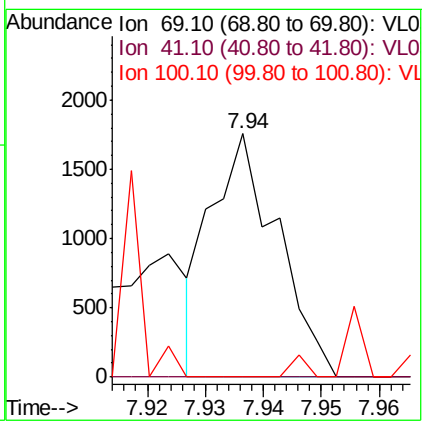


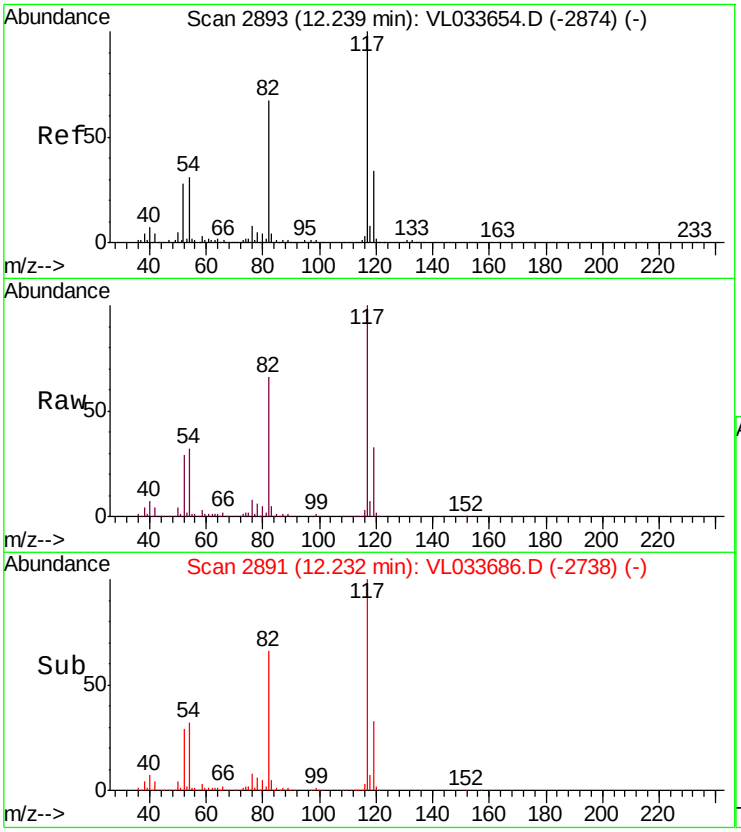


#43
Methyl Methacrylate
Concen: 0.020 ppbv
RT: 7.94 min Scan# 1555
Delta R.T. -0.20 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Tgt Ion: 69 Resp: 1395

Ion	Ratio	Lower	Upper
69	100		
41	2.6	116.6	175.0#
100	0.0	24.6	37.0#



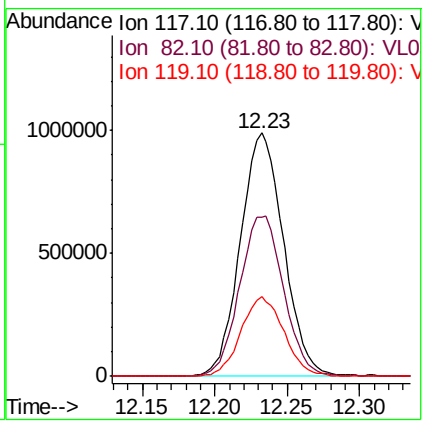


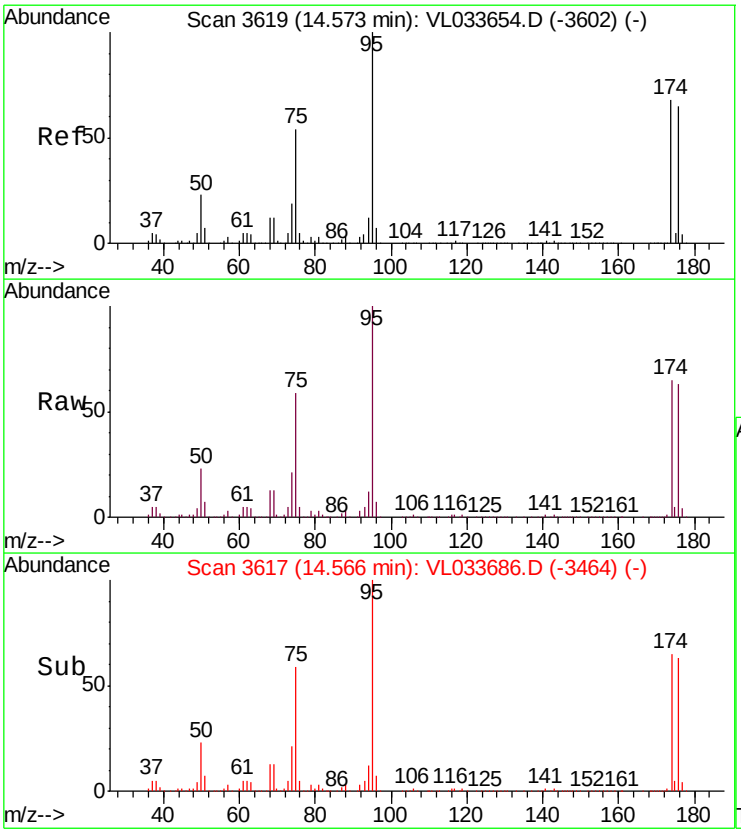
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Instrument : MSVOA_L
ClientSampleId : VL0514ABL01

Tgt Ion:117 Resp: 2053235

Ion	Ratio	Lower	Upper
117	100		
82	67.6	49.7	74.5
119	32.8	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.269 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033686.D
Acq: 14 May 2019 11:40

Tgt Ion: 95 Resp: 1559983

Ion	Ratio	Lower	Upper
95	100		
174	66.6	54.0	81.0
175	4.7	3.8	5.8