Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034379.D
Acq On : 19 Nov 2019 13:01
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Nov 19 13:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 12:55:12 2019
QLast Update : Tue Nov 19 12:55:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1003282	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	1989829	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	1991491	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1691646	10.03	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	6830	0.039	ppbv #	85
3) Chlorodifluoromethane	2.96	51	4711	0.040	ppbv #	84
8) Dichlorotetrafluoroethane	3.17	85	5288	0.035	ppbv	87
15) Acetone	3.86	43	8555	0.060	ppbv #	50
20) Methylene Chloride	4.34	84	3976	0.077	ppbv #	73
21) Allyl Chloride	4.41	41	3402	0.043	ppbv #	63
39) 1,2-Dichloropropane	7.20	63	605605	7.367	ppbv #	21

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

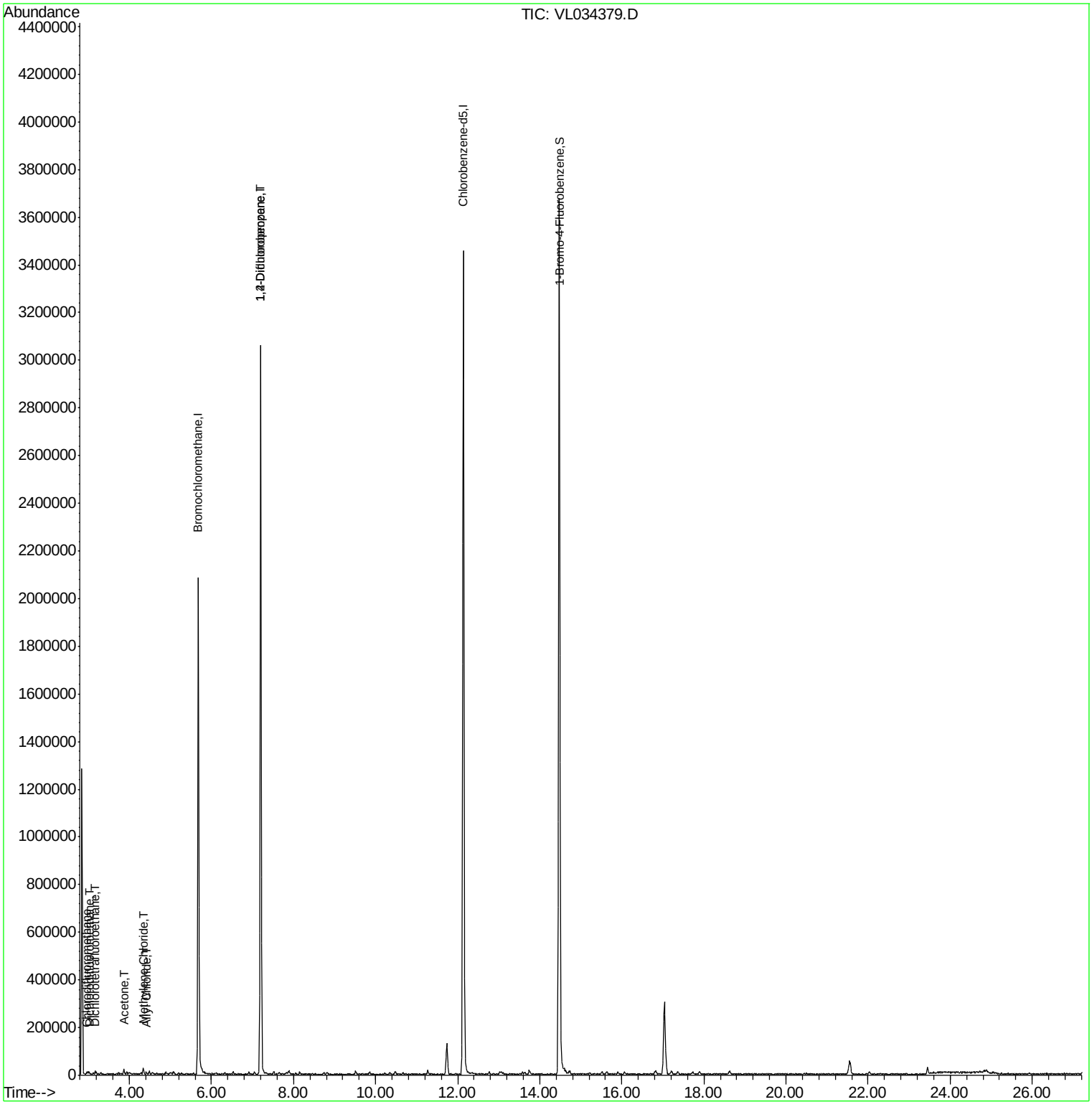
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

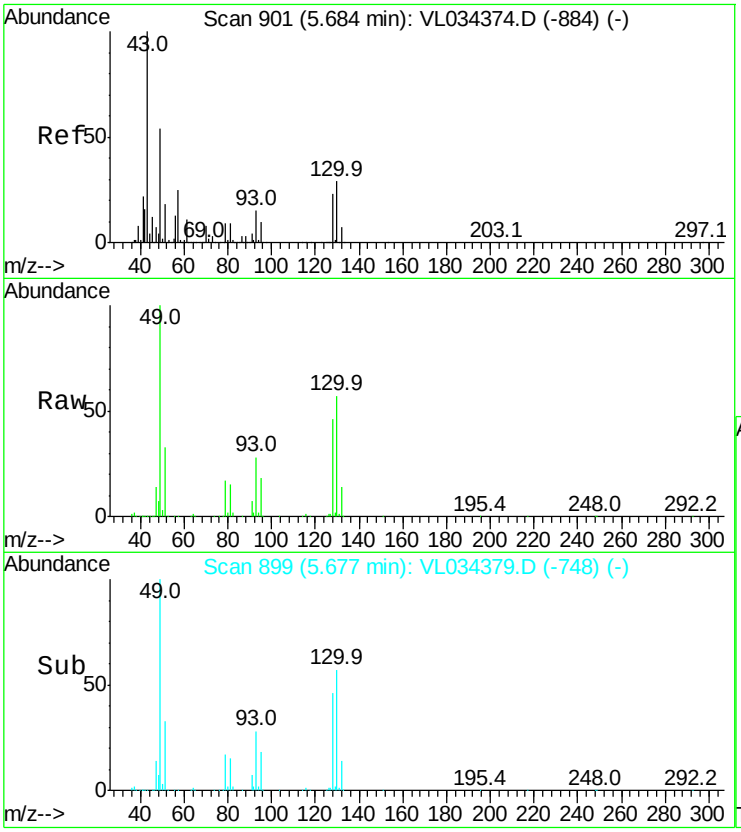
Quantitation Report (Not Reviewed)

Data File : VL034379.D
Acq On : 19 Nov 2019 13:01
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Nov 19 13:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 12:55:12 2019
QLast Update : Tue Nov 19 12:55:12 2019
Response via : Initial Calibration



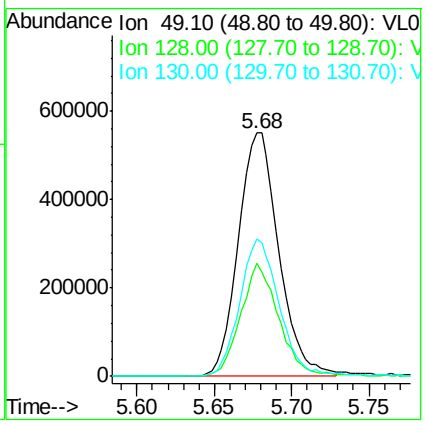


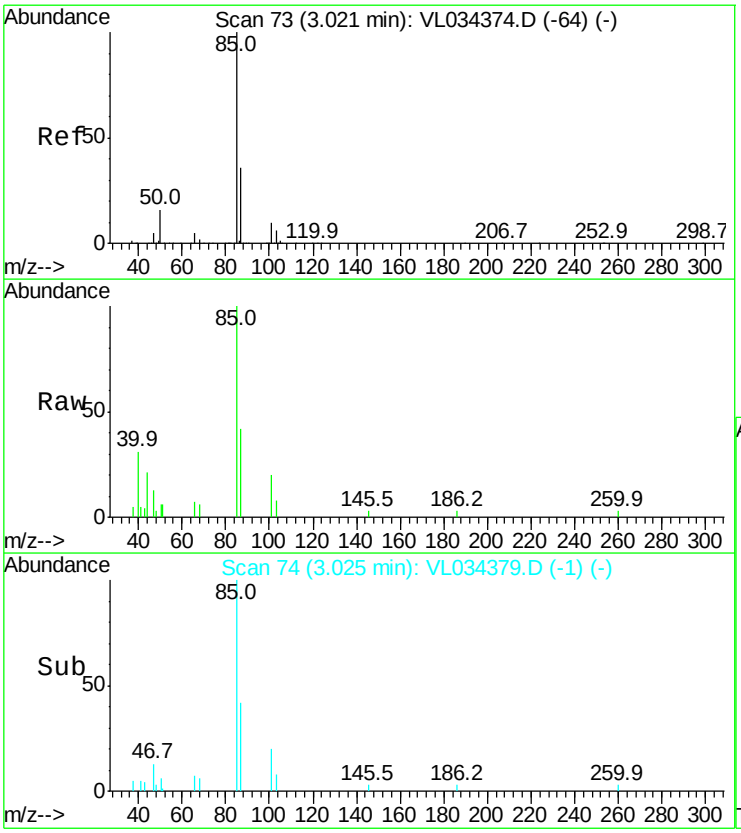
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1003282

Ion	Ratio	Lower	Upper
49	100		
128	43.9	20.6	61.8
130	55.9	26.2	78.5

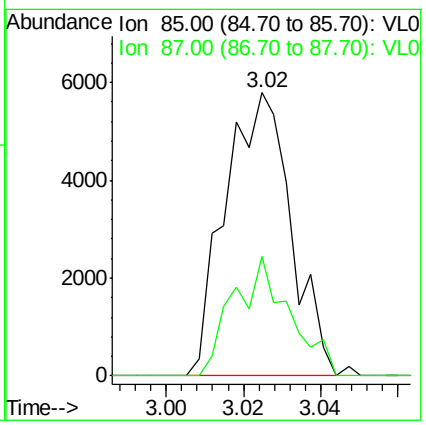


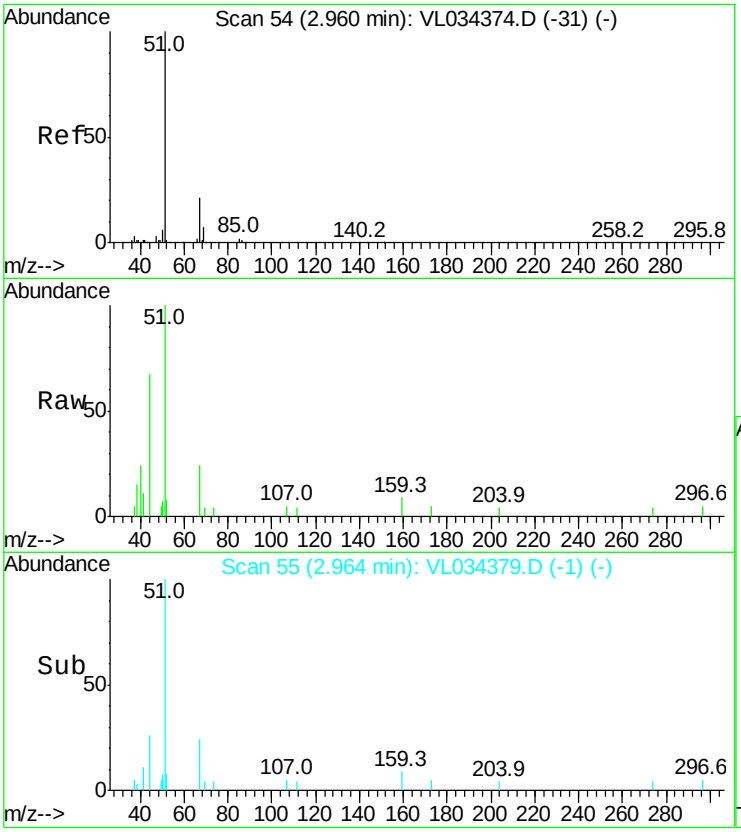


#2
Dichlorodifluoromethane
Concen: 0.039 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 85 Resp: 6830

Ion	Ratio	Lower	Upper
85	100		
87	42.1	27.0	40.6#



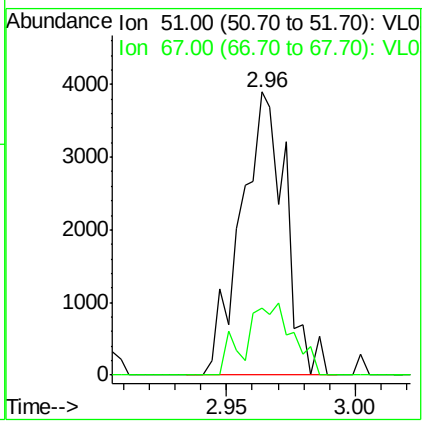


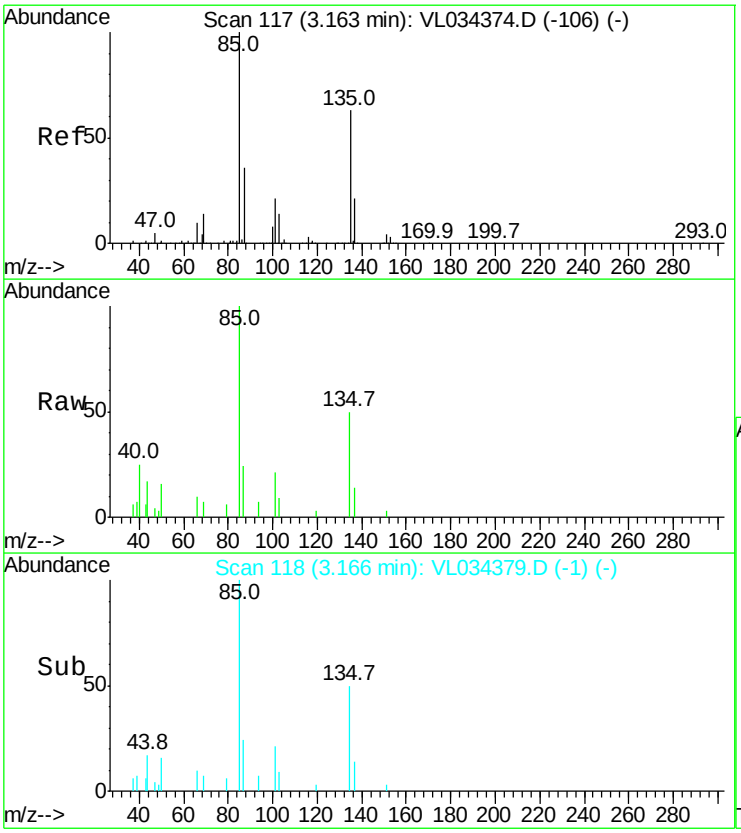
#3
Chlorodifluoromethane
Concen: 0.040 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.00 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 51 Resp: 4711

Ion	Ratio	Lower	Upper
51	100		
67	26.9	15.8	23.8#

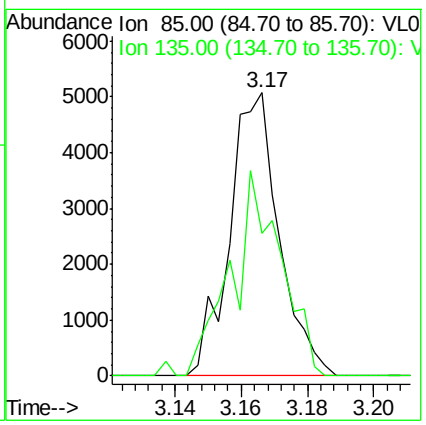


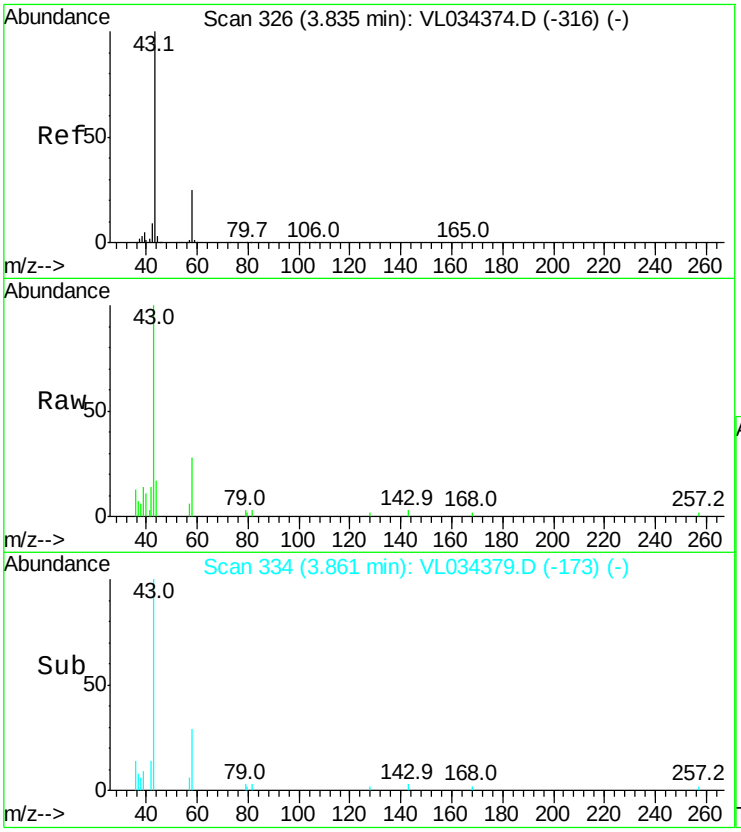


#8
Dichlorotetrafluoroethane
Concen: 0.035 ppbv
RT: 3.17 min Scan# 118
Delta R.T. -0.00 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 85 Resp: 5288

Ion	Ratio	Lower	Upper
85	100		
135	73.0	50.2	75.2



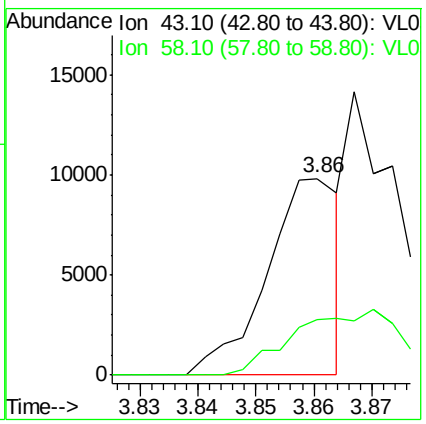


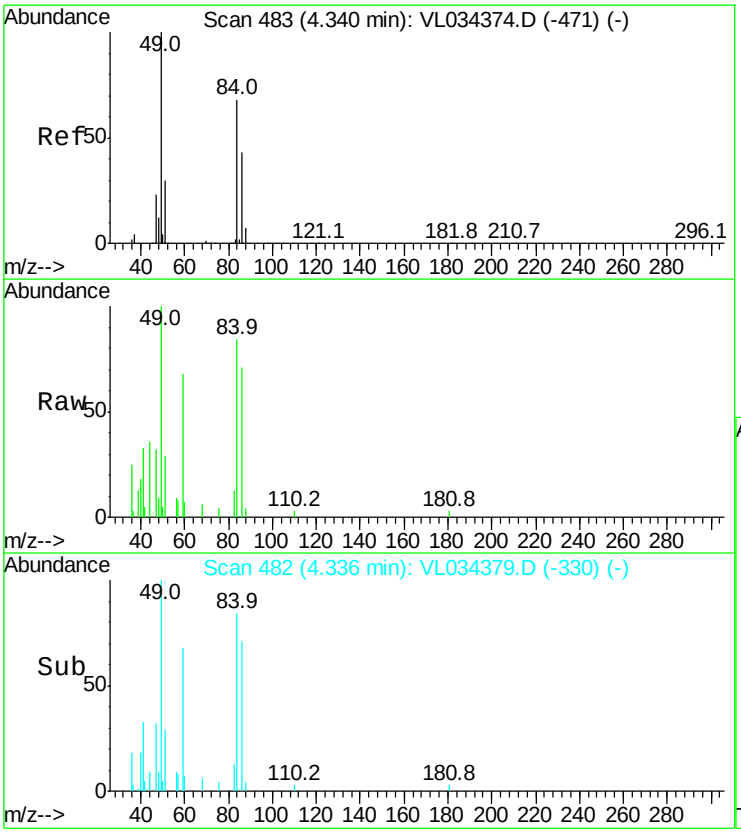
#15
Acetone
Concen: 0.060 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 43 Resp: 8555

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.4	30.6#

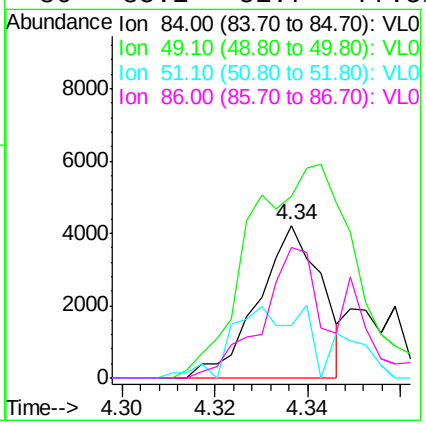


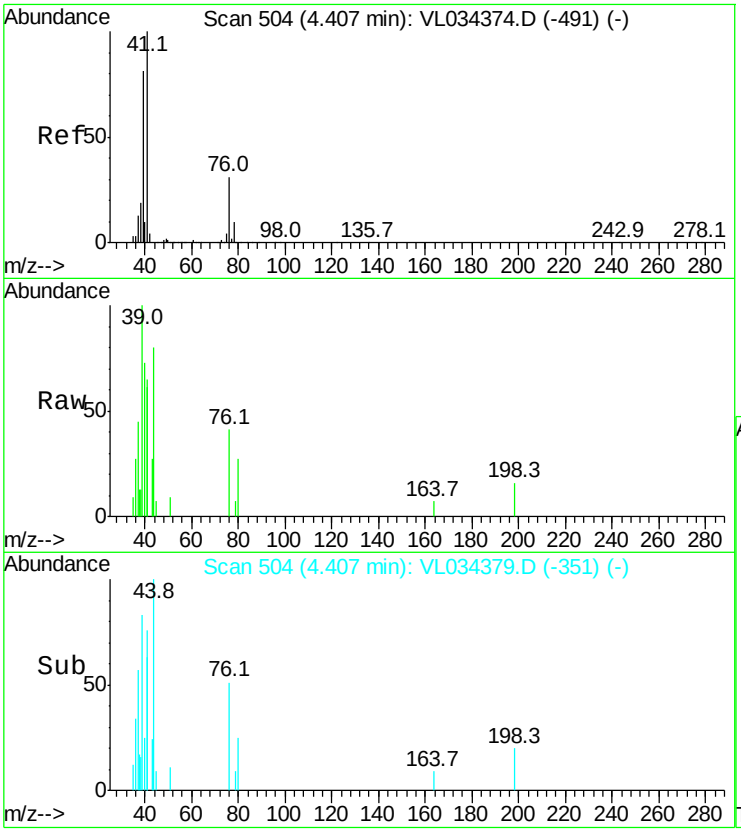


#20
Methylene Chloride
Concen: 0.077 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 84 Resp: 3976

Ion	Ratio	Lower	Upper
84	100		
49	113.8	118.5	177.7#
51	30.4	38.8	58.2#
86	85.1	51.7	77.5#



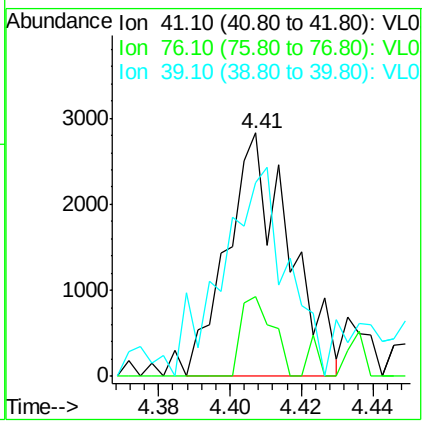


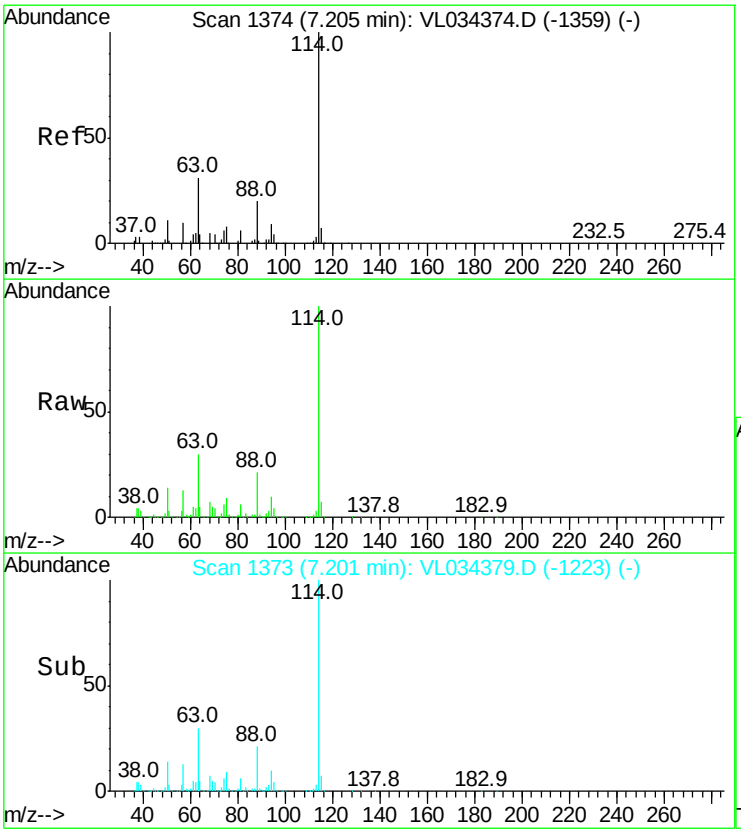
#21
Allyl Chloride
Concen: 0.043 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.01 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 41 Resp: 3402

Ion	Ratio	Lower	Upper
41	100		
76	19.3	22.8	34.2#
39	122.2	66.0	99.0#

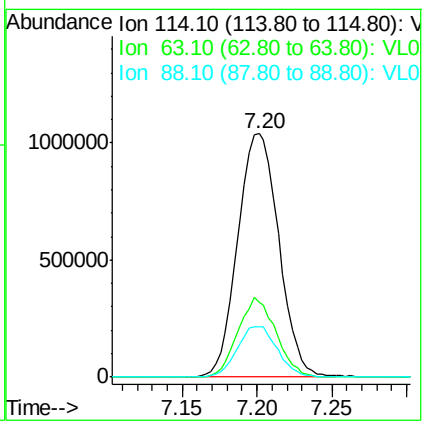


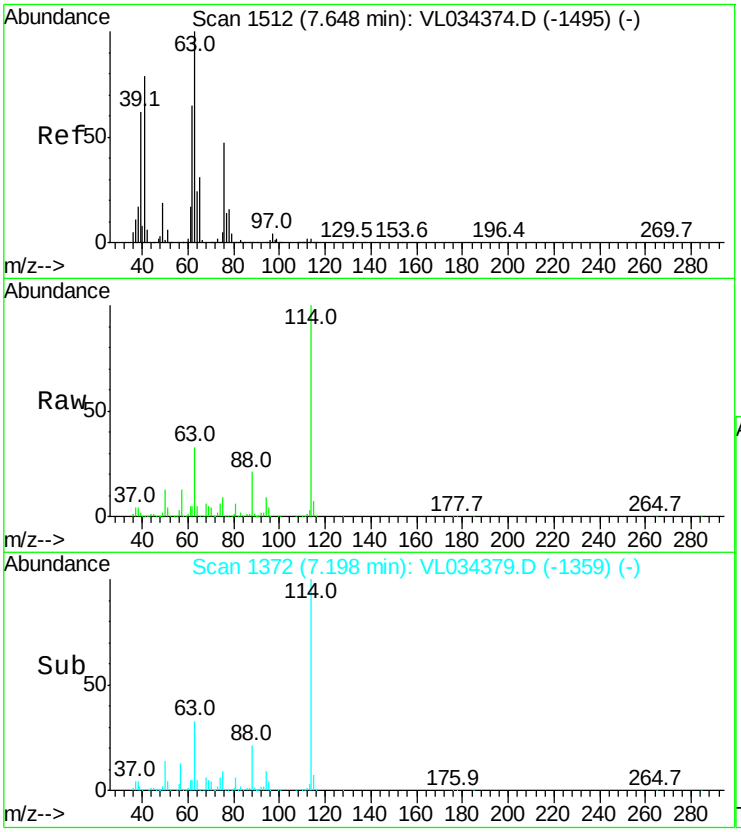


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.02 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Tgt Ion:114 Resp: 1989829

Ion	Ratio	Lower	Upper
114	100		
63	30.6	25.2	37.8
88	20.4	16.0	24.0



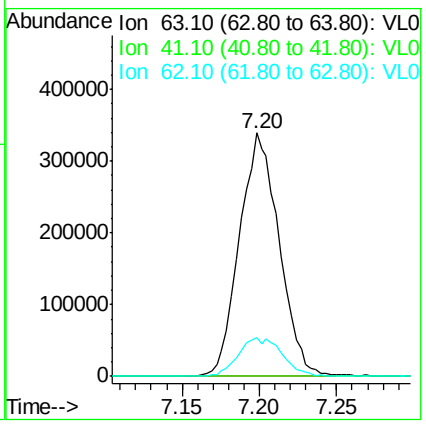


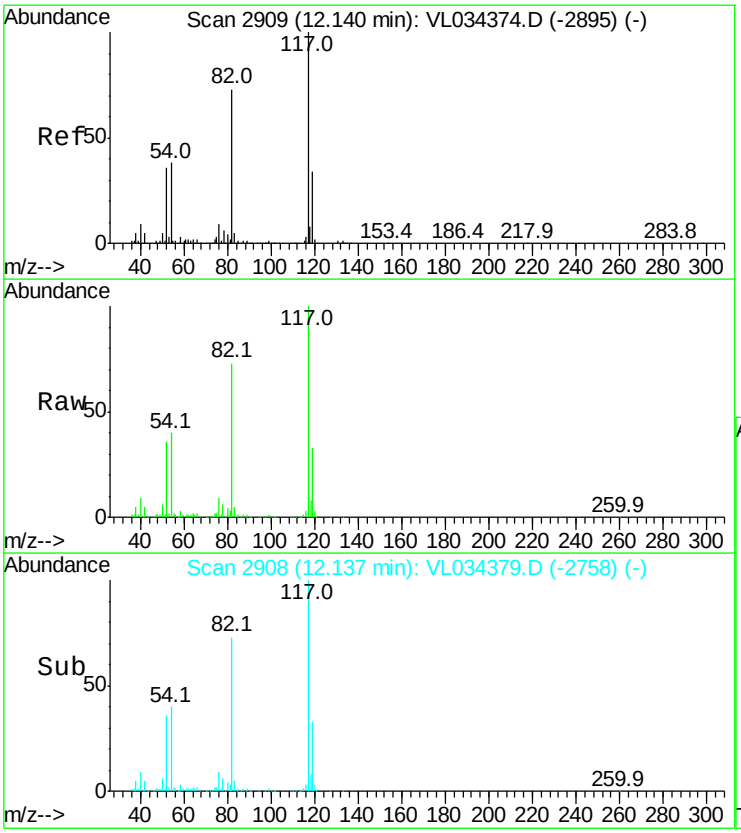
#39
1,2-Dichloropropane
Concen: 7.367 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.46 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 63 Resp: 605605

Ion	Ratio	Lower	Upper
63	100		
41	0.1	65.6	98.4#
62	16.1	53.0	79.6#

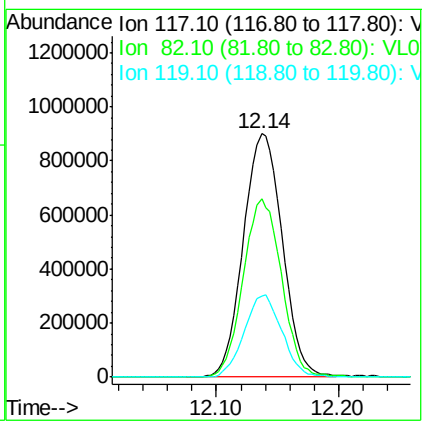


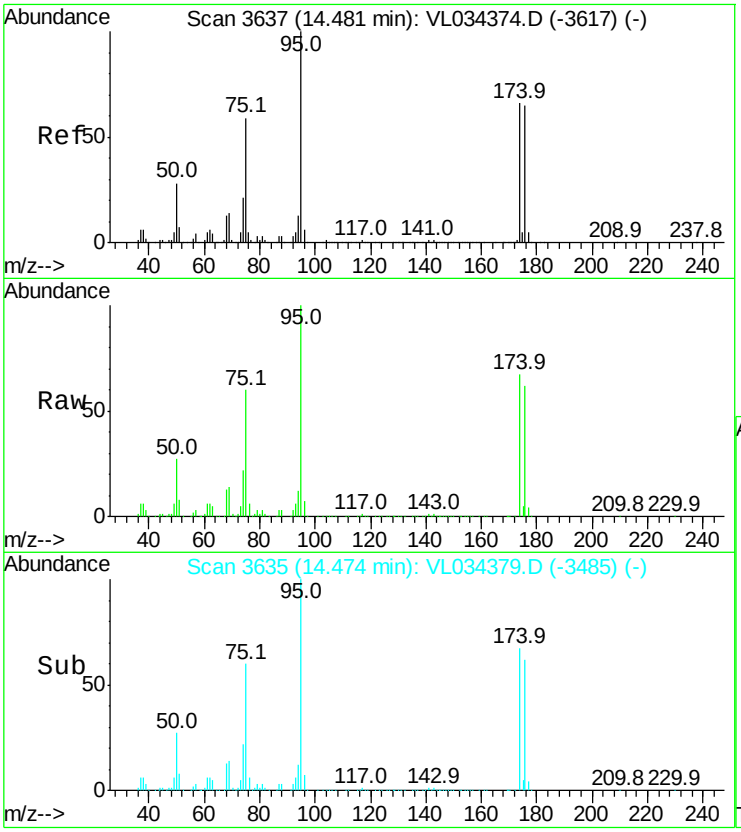


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Tgt Ion:117 Resp: 1991491

Ion	Ratio	Lower	Upper
117	100		
82	72.1	55.5	83.3
119	32.8	26.5	39.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.030 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.02 min
Lab File: VL034379.D
Acq: 19 Nov 2019 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 95 Resp: 1691646

Ion	Ratio	Lower	Upper
95	100		
174	65.8	52.6	78.8
175	4.7	3.8	5.6