Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020420\

Quantitation Report (Not Reviewed)

Data File : VL034598.D
Acq On : 5 Feb 2020 3:05
Operator : SY/AP
Sample : L1391-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-1DL2

Quant Time: Feb 05 05:47:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	965103	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1948375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1966839	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1702545	10.24	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%			
Target Compounds						Qvalue
9) Propene	2.98	41	4490	0.099	ppbv #	35
13) Ethanol	3.59	45	1732	0.142	ppbv #	38
15) Acetone	3.84	43	41054	0.289	ppbv #	87
16) 1,3-Butadiene	3.28	39	4230	0.075	ppbv #	8
20) Methylene Chloride	4.33	84	12598	0.233	ppbv #	94
39) 1,2-Dichloropropane	7.18	63	574601	8.000	ppbv #	19

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020420\

Quantitation Report (Not Reviewed)

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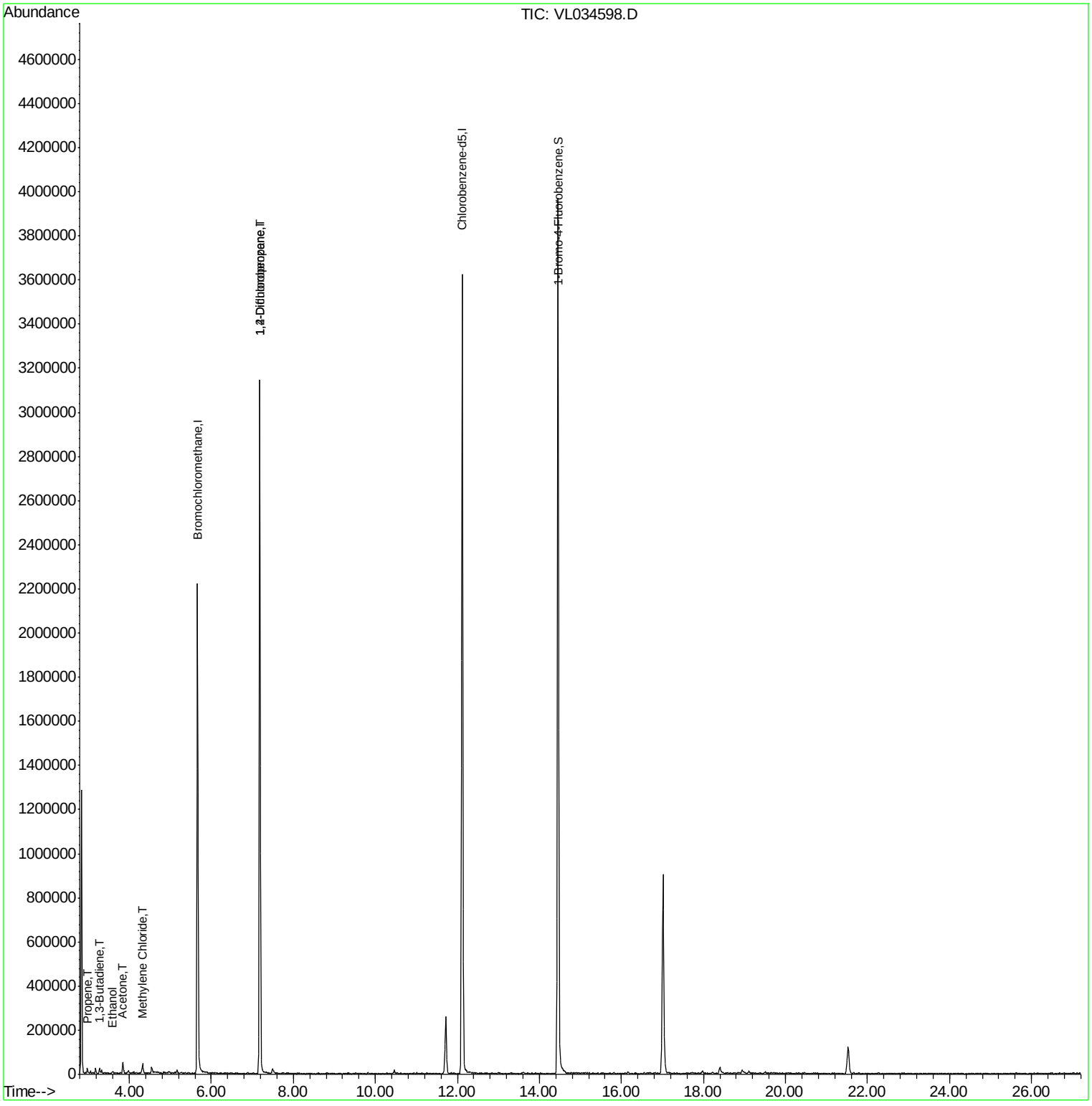
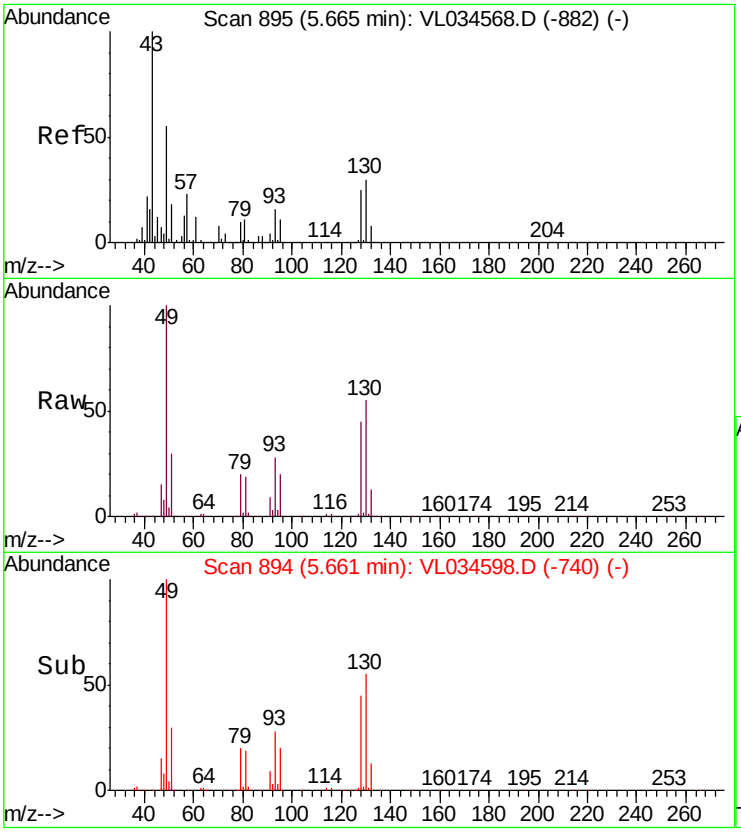
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration



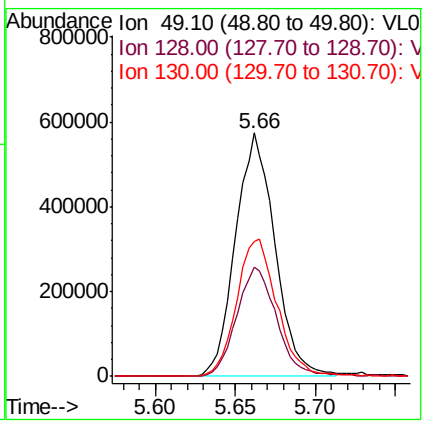


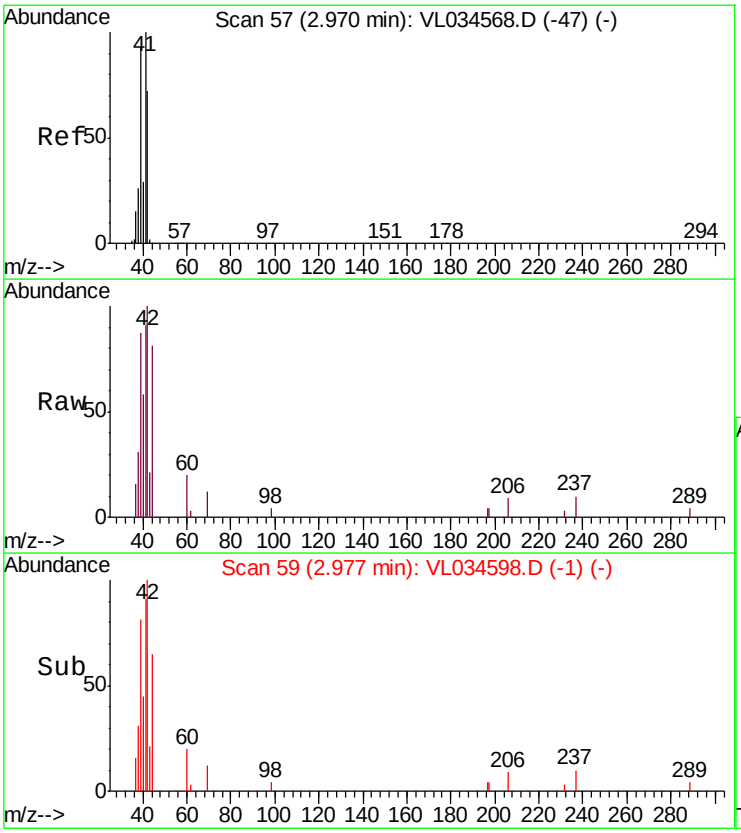
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 49 Resp: 965103

Ion	Ratio	Lower	Upper
49	100		
128	45.6	22.7	68.1
130	58.4	28.6	85.8

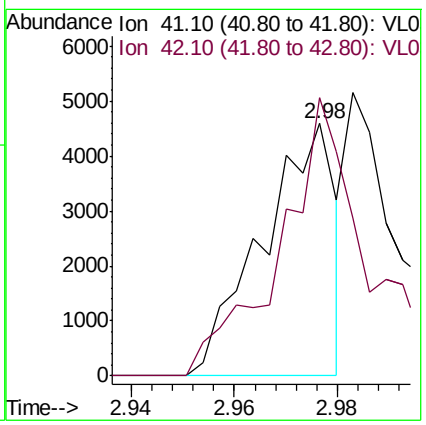


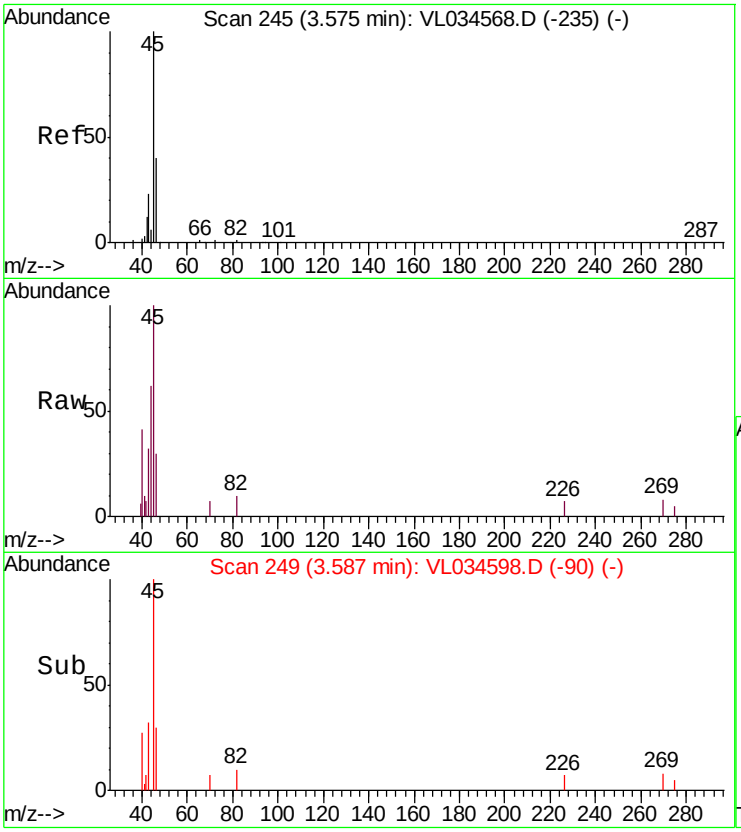


#9
Propene
Concen: 0.099 ppbv
RT: 2.98 min Scan# 59
Delta R.T. 0.01 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Tgt Ion: 41 Resp: 4490

Ion	Ratio	Lower	Upper
41	100		
42	125.4	57.0	85.4#



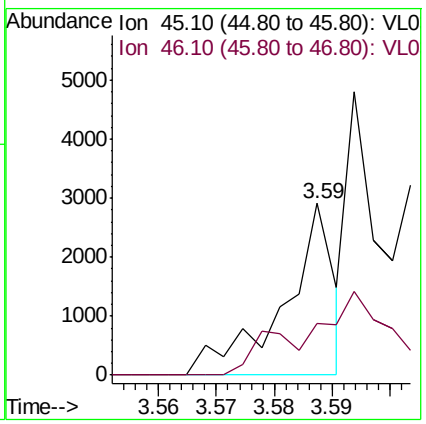


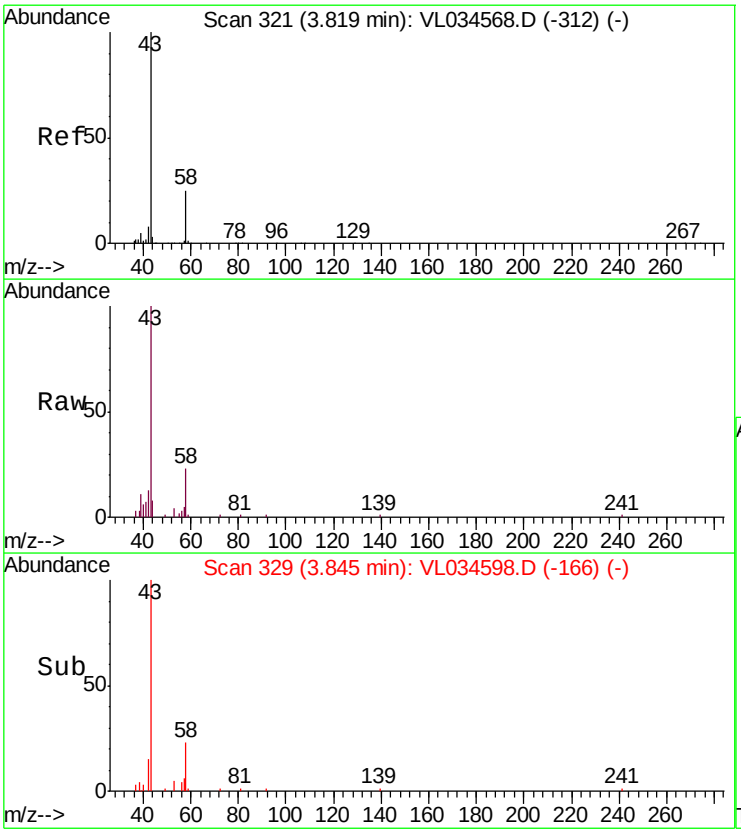
#13
Ethanol
Concen: 0.142 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 45 Resp: 1732

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.2#

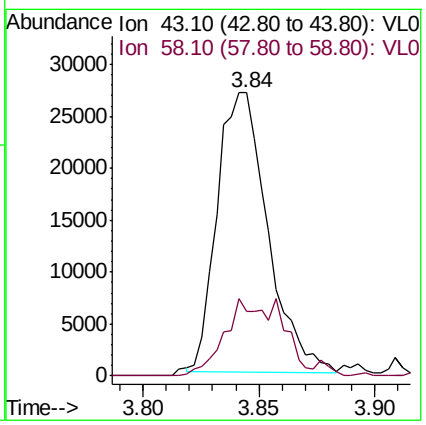


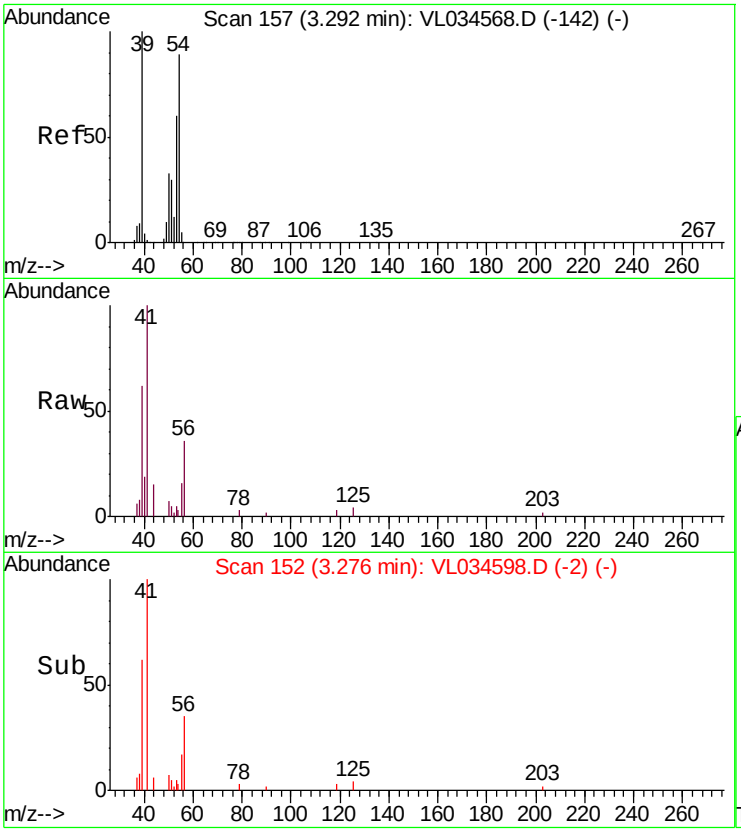


#15
Acetone
Concen: 0.289 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.03 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Tgt Ion: 43 Resp: 41054

Ion	Ratio	Lower	Upper
43	100		
58	32.2	20.3	30.5#



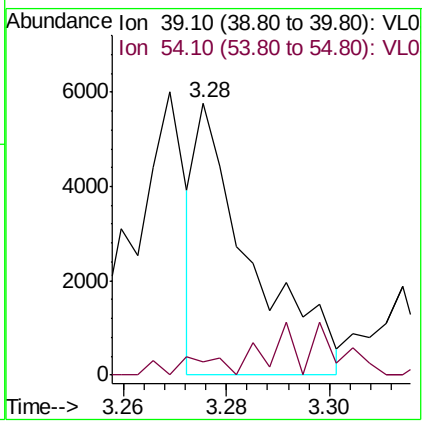


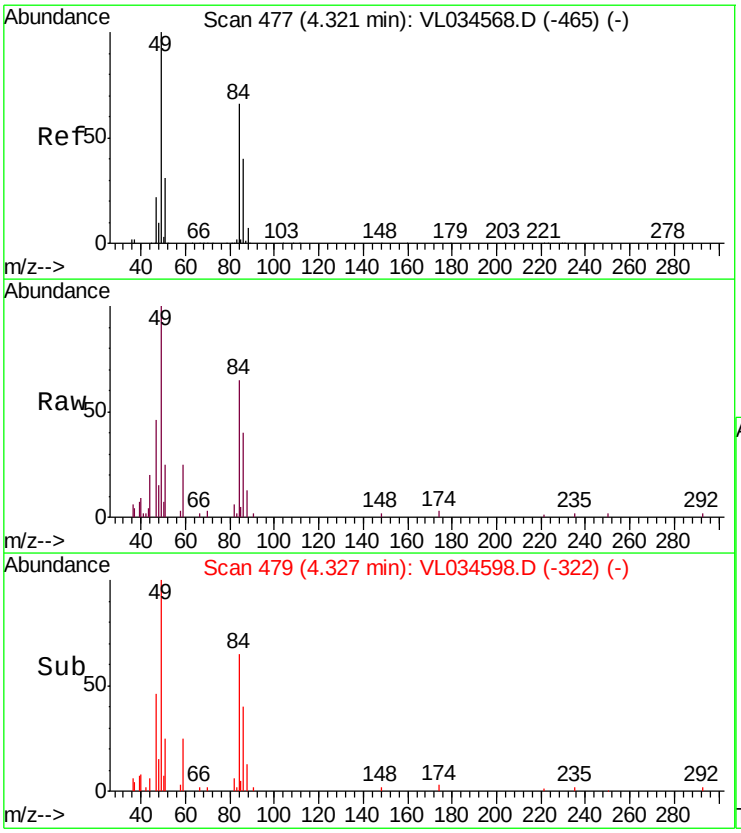
#16
1,3-Butadiene
Concen: 0.075 ppbv
RT: 3.28 min Scan# 152
Delta R.T. -0.02 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Instrument : MSVOA_L
ClientSampleId : SV-1DL2

Tgt Ion: 39 Resp: 4230

Ion	Ratio	Lower	Upper
39	100		
54	0.0	66.7	100.1#

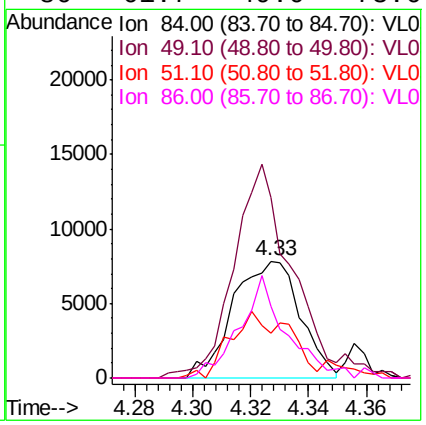


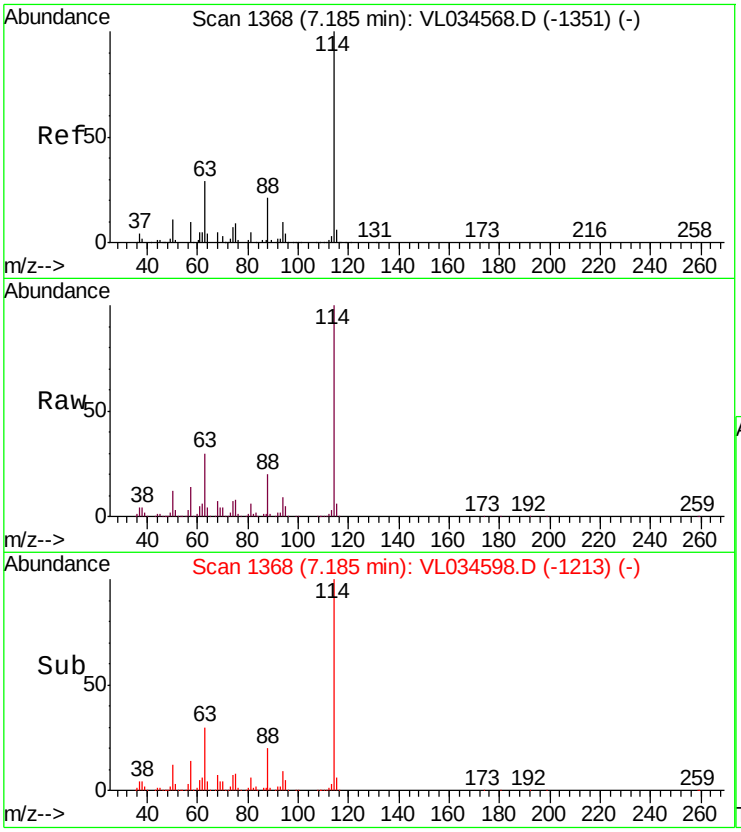


#20
Methylene Chloride
Concen: 0.233 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Tgt Ion: 84 Resp: 12598

Ion	Ratio	Lower	Upper
84	100		
49	147.6	122.4	183.6
51	35.5	38.6	57.8#
86	61.7	49.0	73.6



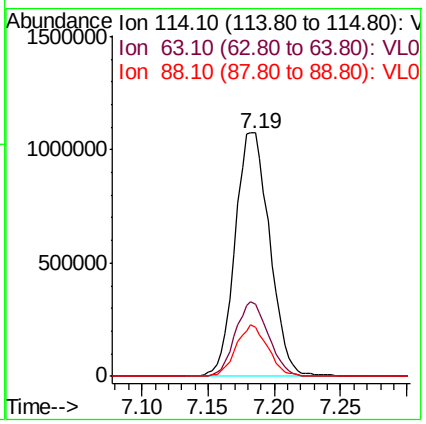


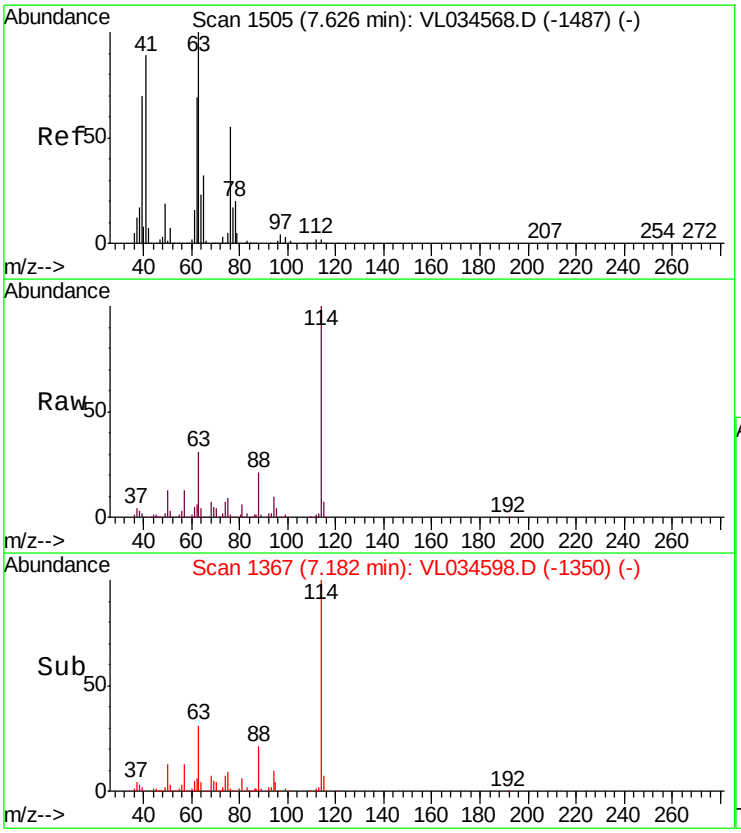
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion:114 Resp: 1948375

Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.1	36.1
88	19.5	15.9	23.9

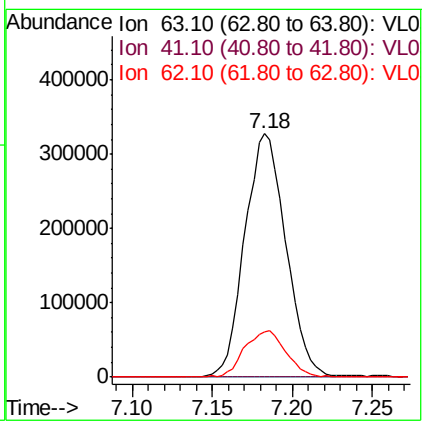


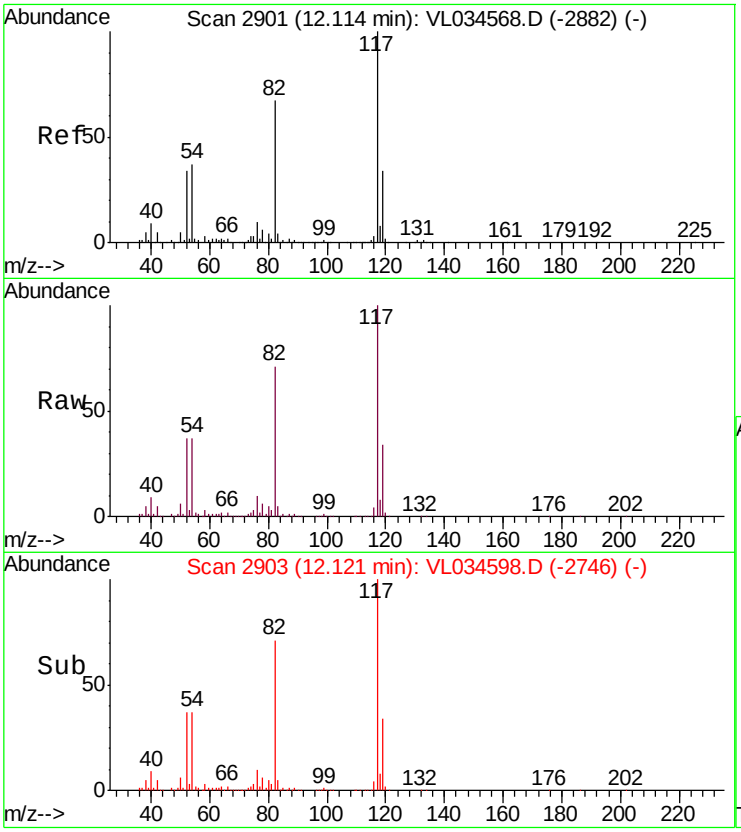


#39
1,2-Dichloropropane
Concen: 8.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.44 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Tgt Ion: 63 Resp: 574601

Ion	Ratio	Lower	Upper
63	100		
41	0.0	71.0	106.4#
62	18.5	55.4	83.0#



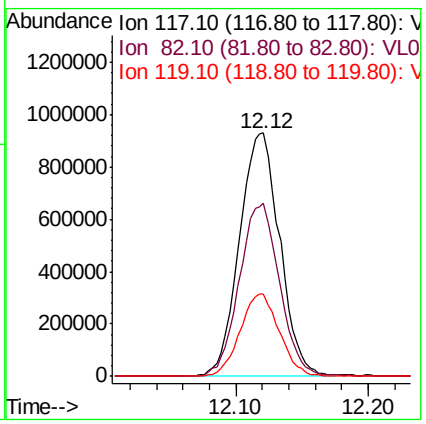


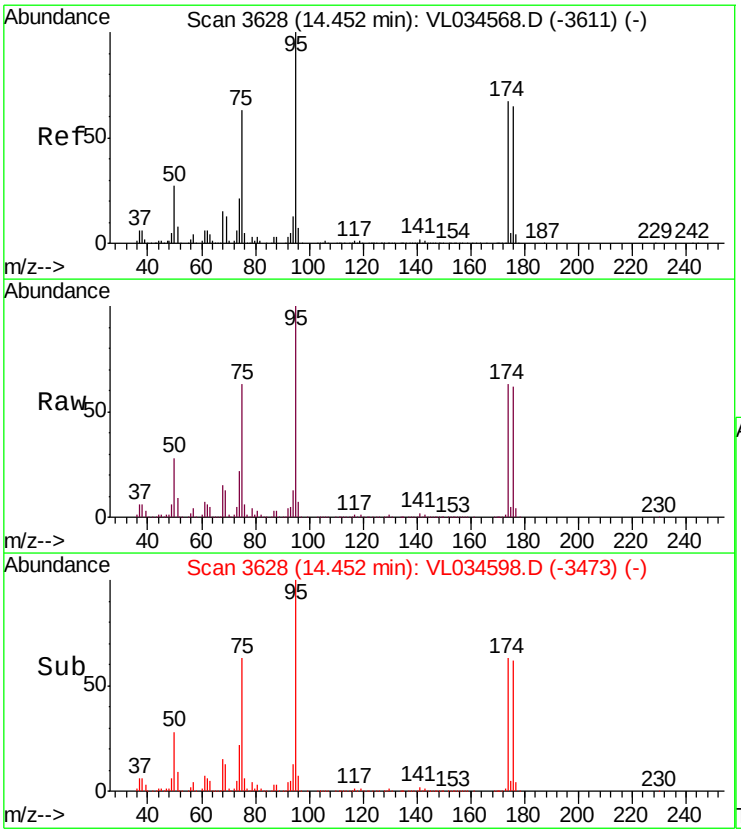
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Instrument : MSVOA_L
ClientSampleId : SV-1DL2

Tgt Ion:117 Resp: 1966839

Ion	Ratio	Lower	Upper
117	100		
82	71.1	54.2	81.4
119	33.2	26.1	39.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.242 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Tgt Ion: 95 Resp: 1702545

Ion	Ratio	Lower	Upper
95	100		
174	63.1	52.3	78.5
175	4.4	3.8	5.6