Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032623.D
Acq On : 12 Oct 2018 3:29
Operator : SY/AP
Sample : J5370-04DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : Q4-SVI-100518DL

Quant Time: Oct 12 05:10:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1287415	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.32	114	2901578	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3077230	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2223160	9.58	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.02	51	3904	0.036	ppbv #	84
9) Propene	3.05	41	59007	1.270	ppbv	96
13) Ethanol	3.67	45	25071	1.796	ppbv #	37
15) Acetone	3.91	43	736678	6.519	ppbv	95
16) 1,3-Butadiene	3.40	39	3542	0.077	ppbv #	1
17) tert-Butyl alcohol	4.39	59	19078	1.343	ppbv #	100
19) Isopropyl Alcohol	4.05	45	12895	0.164	ppbv #	93
20) Methylene Chloride	4.43	84	27685	0.506	ppbv	93
30) Cyclohexane	7.30	84	7942	0.079	ppbv #	1
34) 2-Butanone	5.35	43	424604	2.457	ppbv	98
39) 1,2-Dichloropropane	7.31	63	778283	7.365	ppbv #	26

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

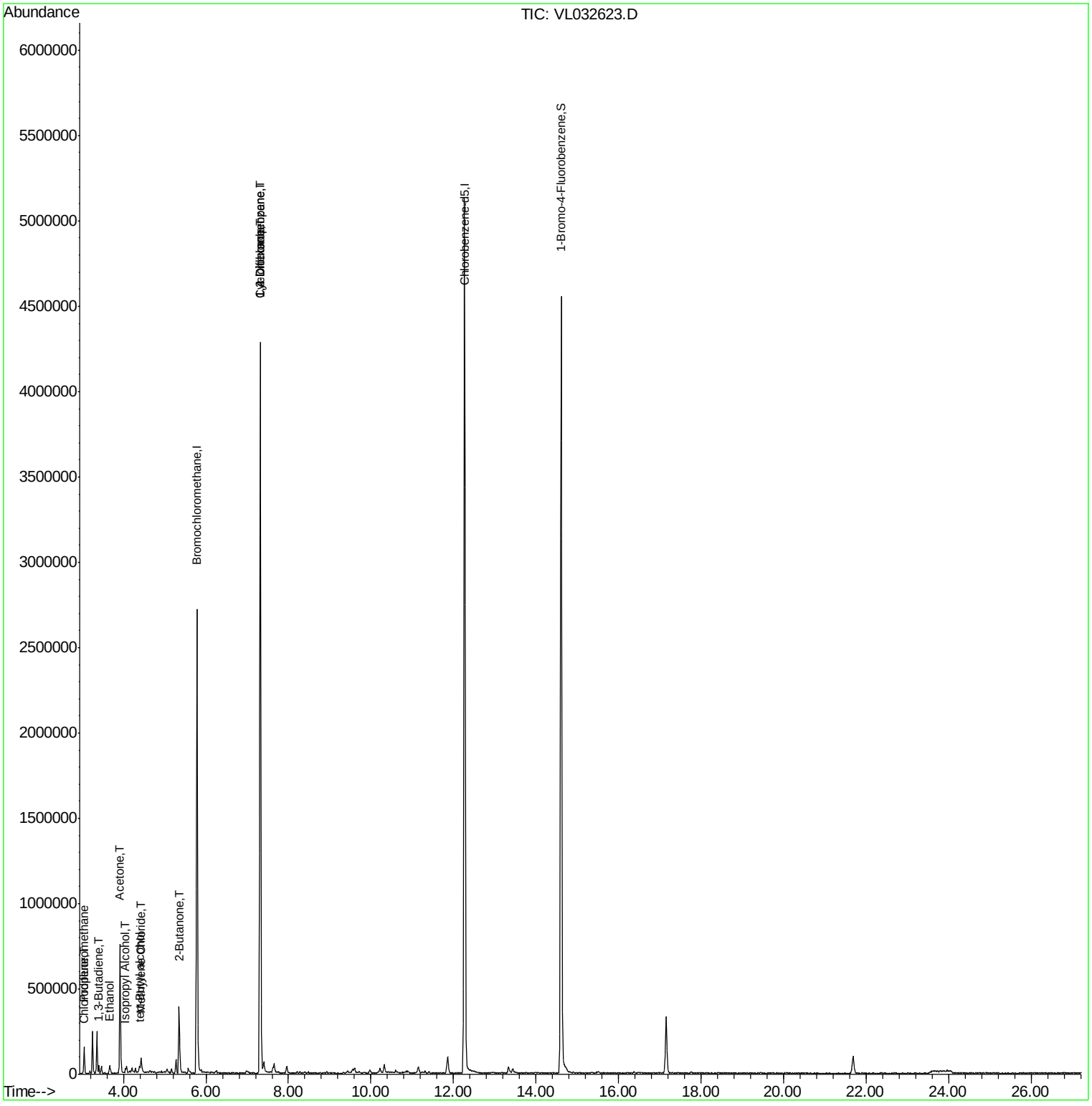
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

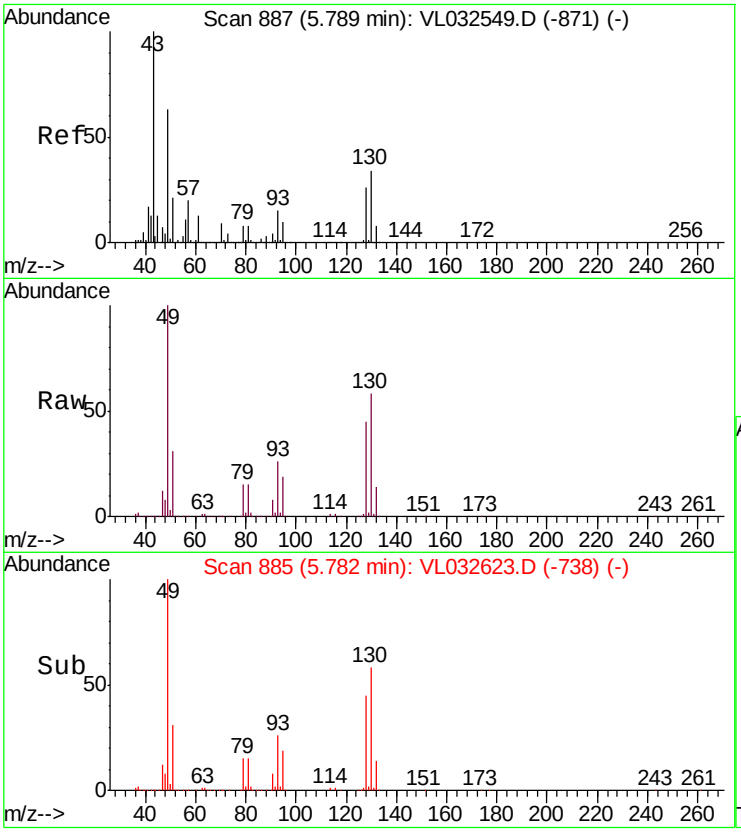
Quantitation Report (Not Reviewed)

Data File : VL032623.D
Acq On : 12 Oct 2018 3:29
Operator : SY/AP
Sample : J5370-04DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : Q4-SVI-100518DL

Quant Time: Oct 12 05:10:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration



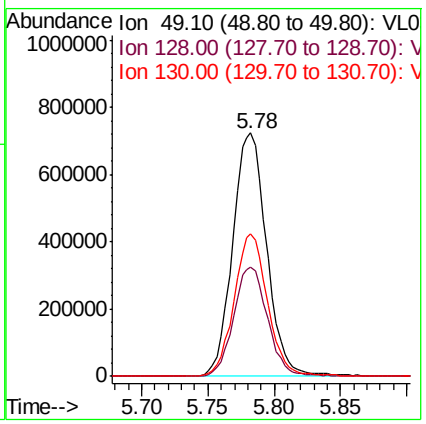


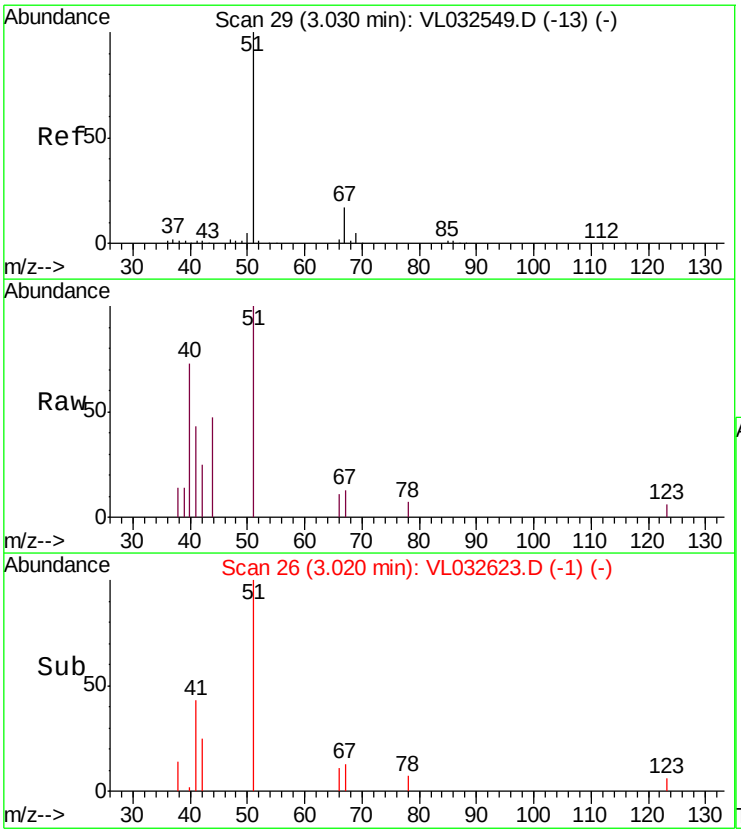
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.03 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion: 49 Resp: 1287415

Ion	Ratio	Lower	Upper
49	100		
128	45.1	20.7	62.1
130	58.1	26.6	79.7

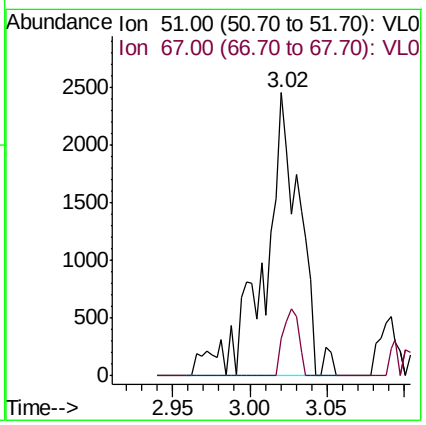


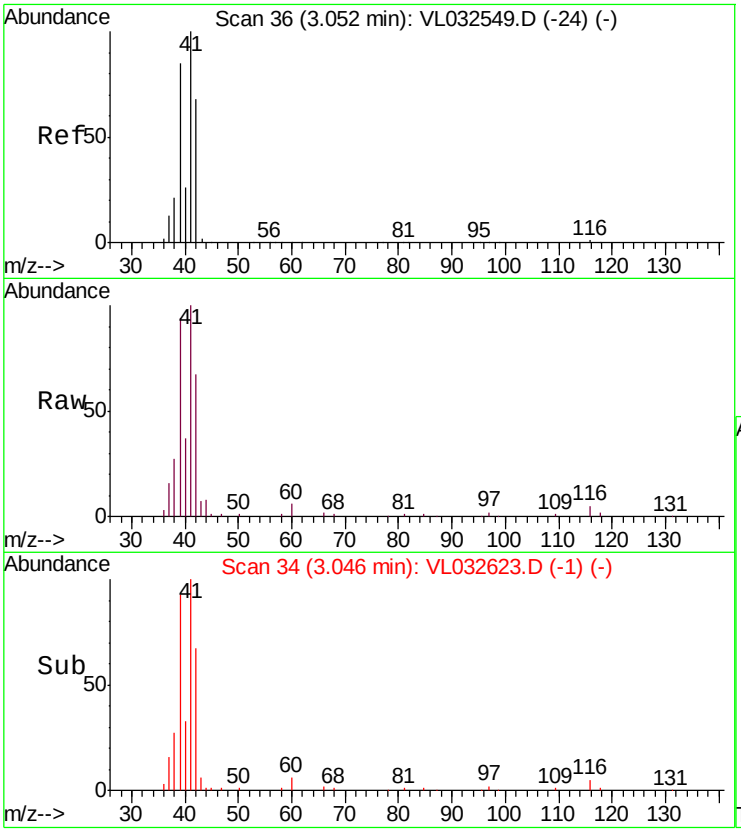


#3
Chlorodifluoromethane
Concen: 0.036 ppbv
RT: 3.02 min Scan# 26
Delta R.T. -0.02 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion: 51 Resp: 3904

Ion	Ratio	Lower	Upper
51	100		
67	10.3	13.8	20.8#



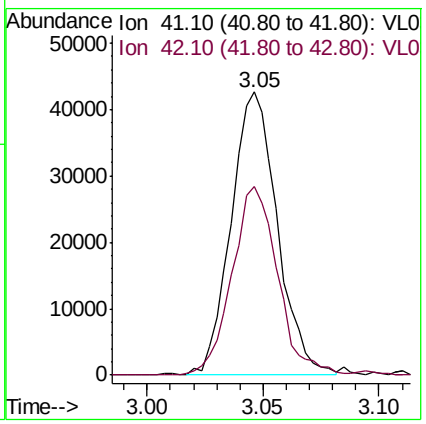


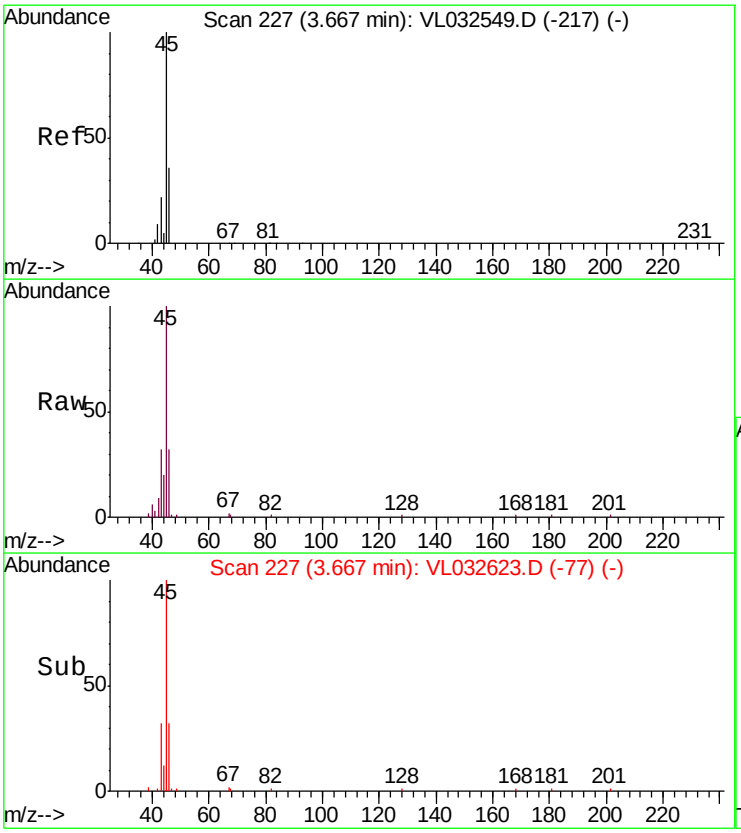
#9
Propene
Concen: 1.270 ppbv
RT: 3.05 min Scan# 34
Delta R.T. -0.02 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion: 41 Resp: 59007

Ion	Ratio	Lower	Upper
41	100		
42	67.6	56.6	84.8

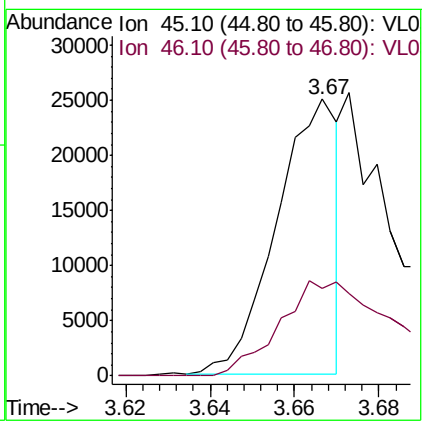


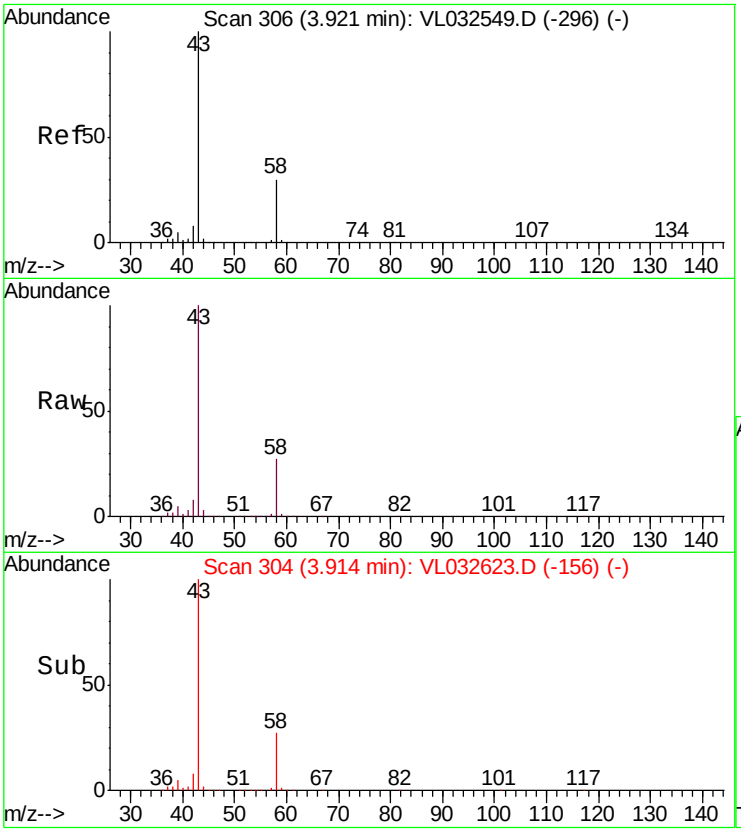


#13
Ethanol
Concen: 1.796 ppbv
RT: 3.67 min Scan# 227
Delta R.T. -0.02 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion: 45 Resp: 25071

Ion	Ratio	Lower	Upper
45	100		
46	72.2	14.2	56.8#



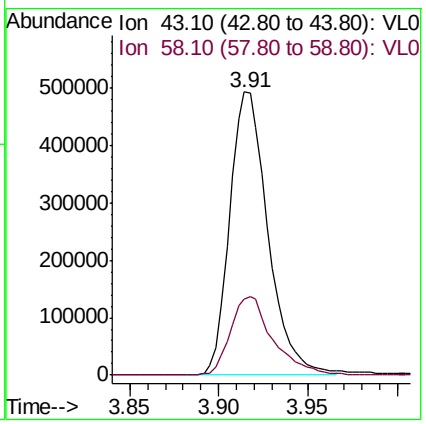


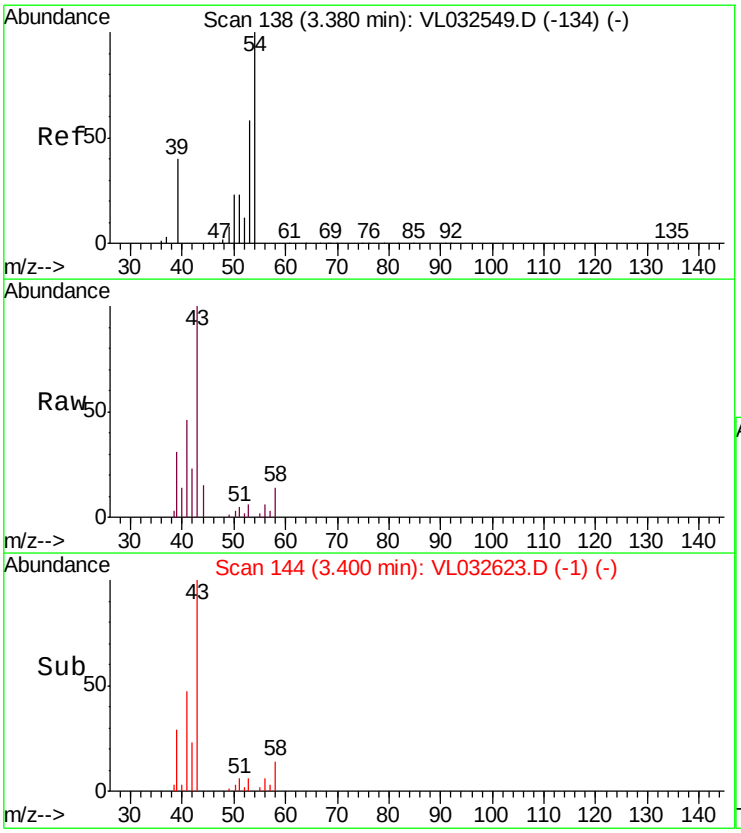
#15
Acetone
Concen: 6.519 ppbv
RT: 3.91 min Scan# 304
Delta R.T. -0.02 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion: 43 Resp: 736678

Ion	Ratio	Lower	Upper
43	100		
58	31.1	22.6	33.8

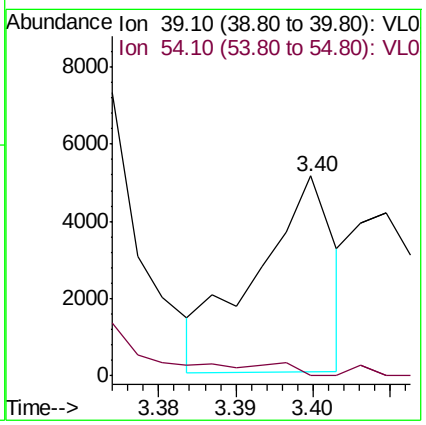


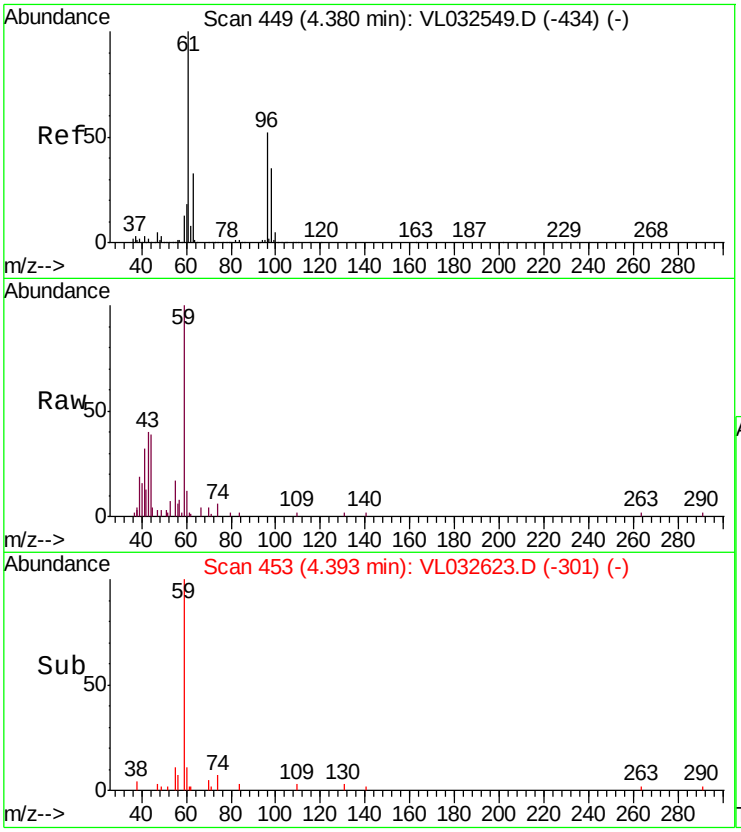


#16
1,3-Butadiene
Concen: 0.077 ppbv
RT: 3.40 min Scan# 144
Delta R.T. 0.00 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion: 39 Resp: 3542

Ion	Ratio	Lower	Upper
39	100		
54	0.0	80.8	121.2#



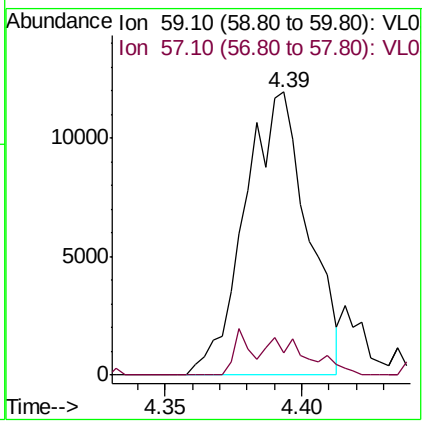


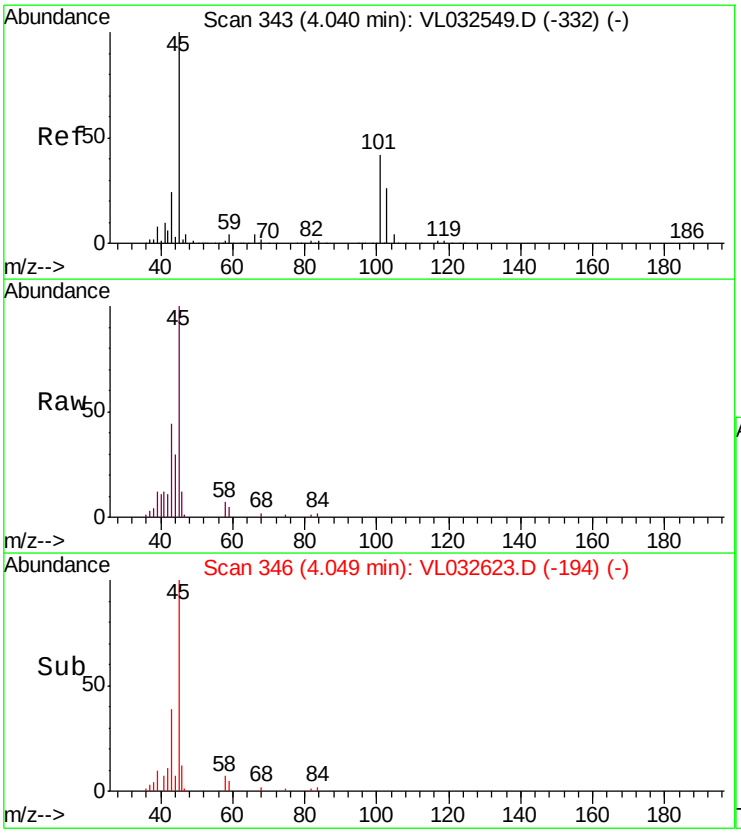
#17
tert-Butyl alcohol
Concen: 1.343 ppbv
RT: 4.39 min Scan# 453
Delta R.T. -0.01 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion: 59 Resp: 19078

Ion	Ratio	Lower	Upper
59	100		
57	13.6	0.0	0.0#

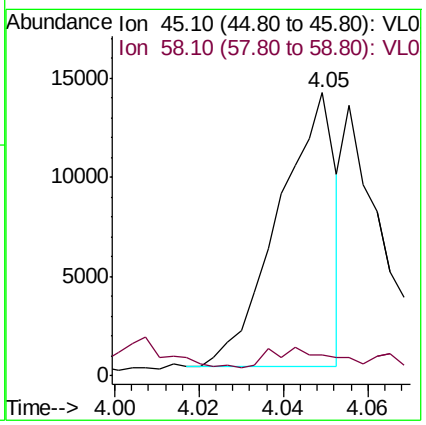


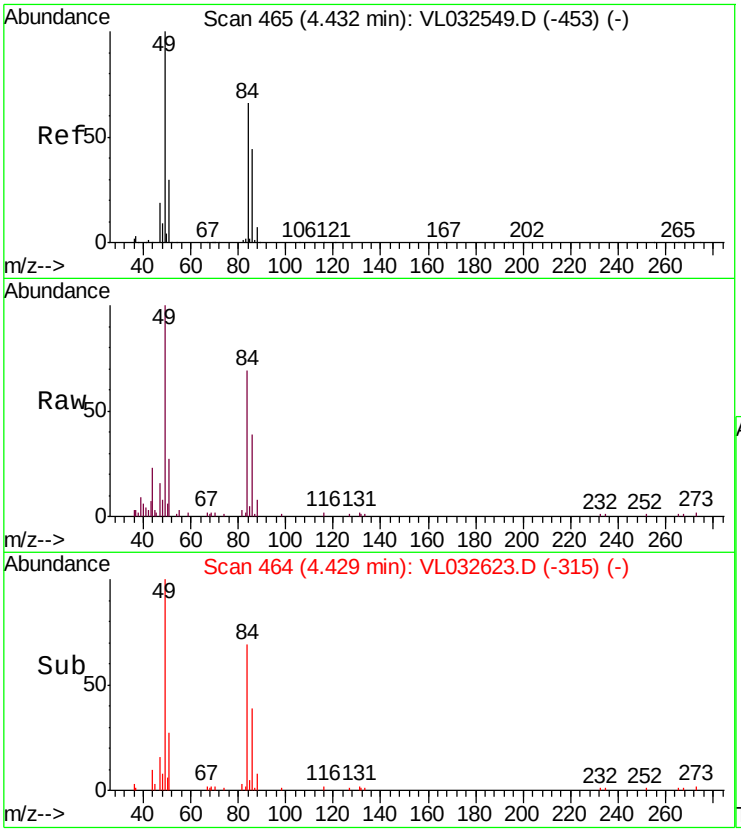


#19
Isopropyl Alcohol
Concen: 0.164 ppbv
RT: 4.05 min Scan# 346
Delta R.T. -0.01 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion: 45 Resp: 12895

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



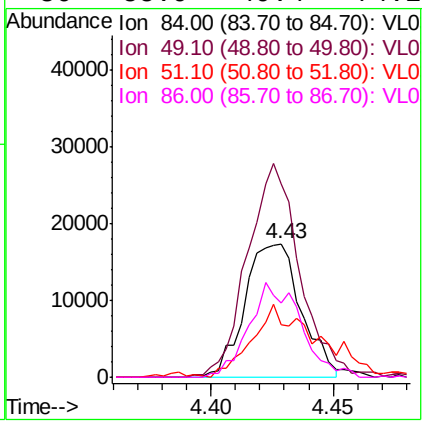


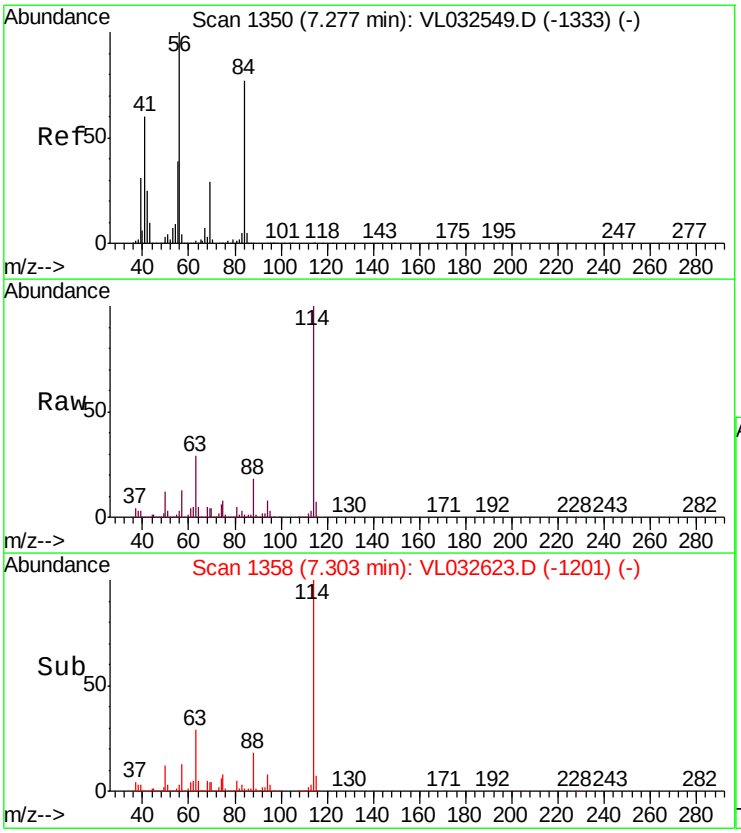
#20
Methylene Chloride
Concen: 0.506 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument : MSVOA_L
ClientSampleId : Q4-SVI-100518DL

Tgt Ion: 84 Resp: 27685

Ion	Ratio	Lower	Upper
84	100		
49	141.0	119.1	178.7
51	38.1	35.2	52.8
86	55.9	49.4	74.2

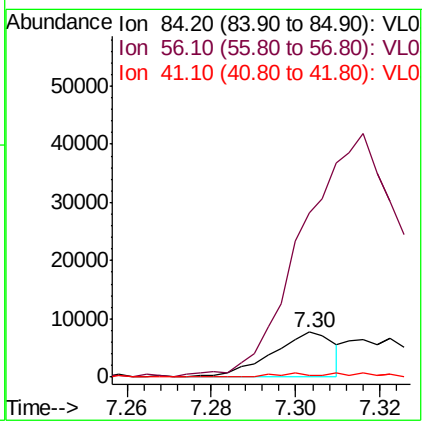


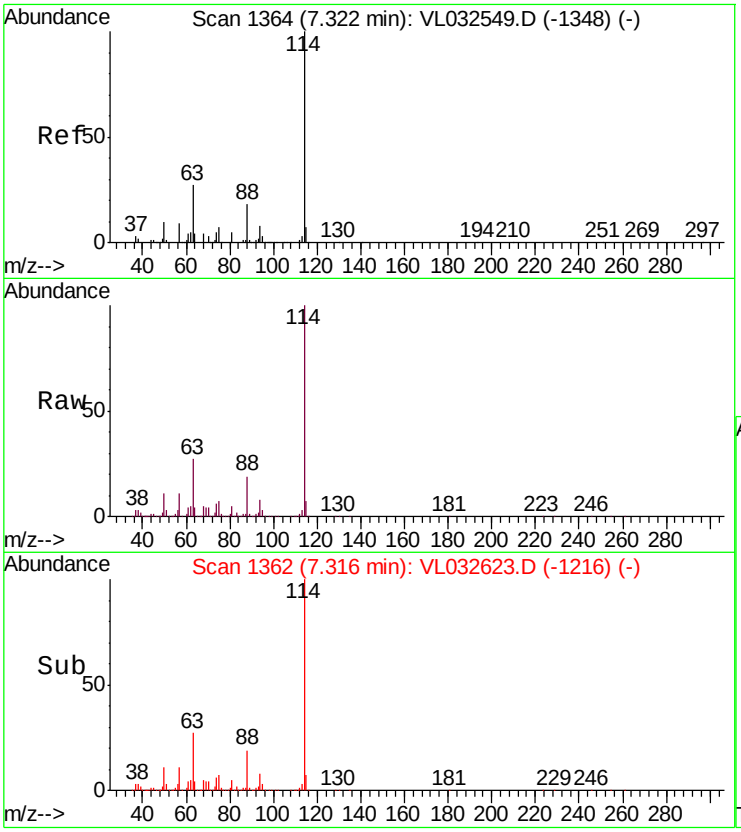


#30
Cyclohexane
Concen: 0.079 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion: 84 Resp: 7942

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.5	170.3#
41	20.6	68.1	102.1#



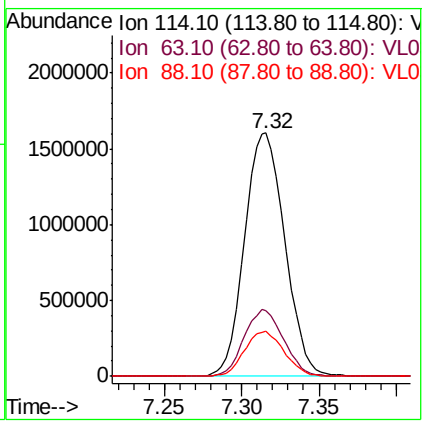


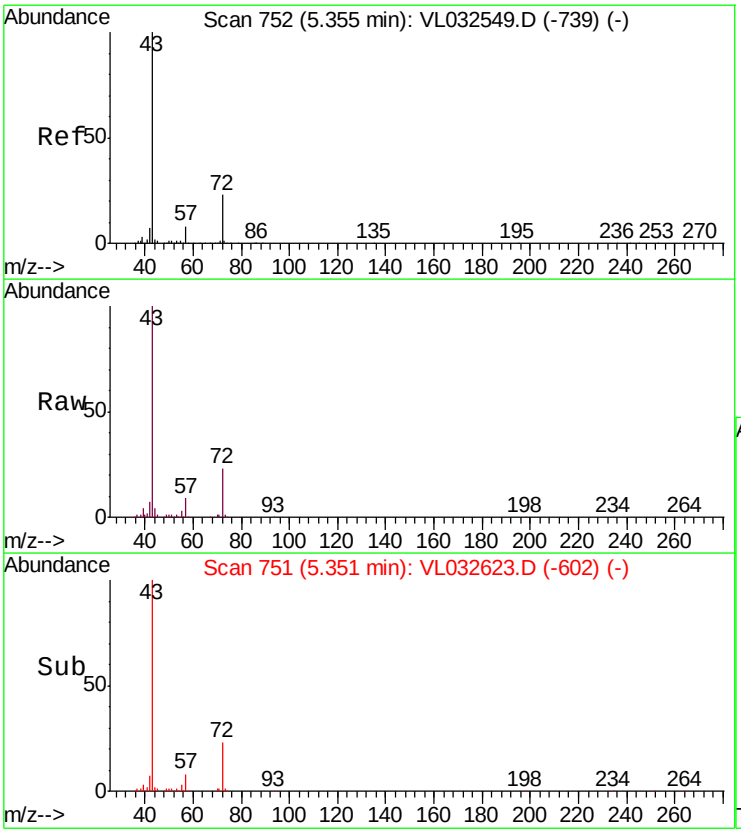
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion:114 Resp: 2901578

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.3	15.0	22.4

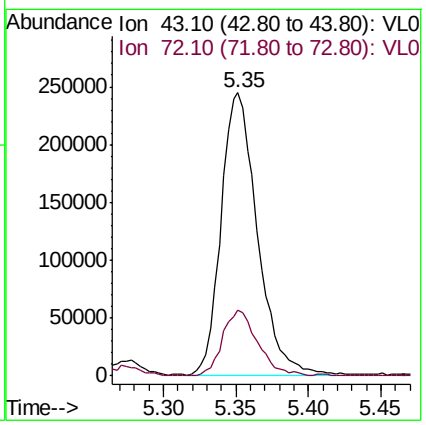


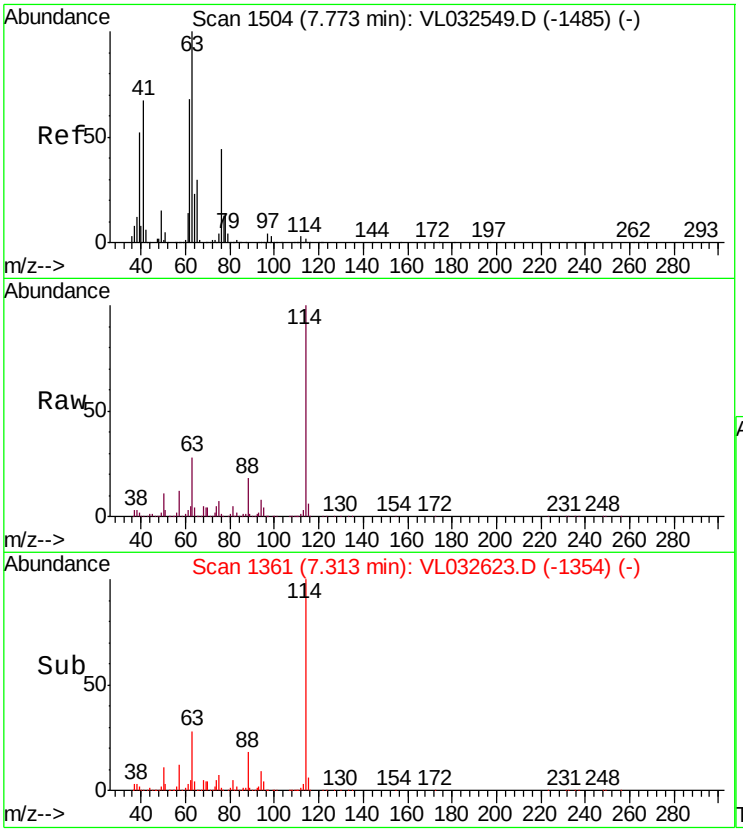


#34
2-Butanone
Concen: 2.457 ppbv
RT: 5.35 min Scan# 751
Delta R.T. -0.02 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion: 43 Resp: 424604

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.8	26.6



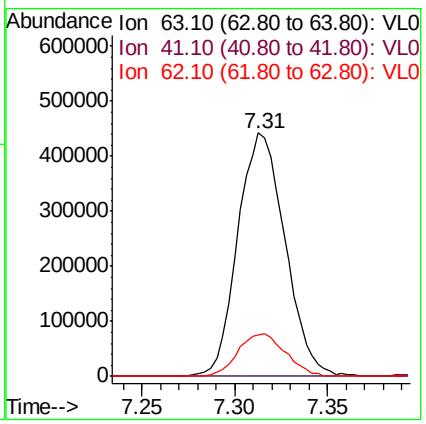


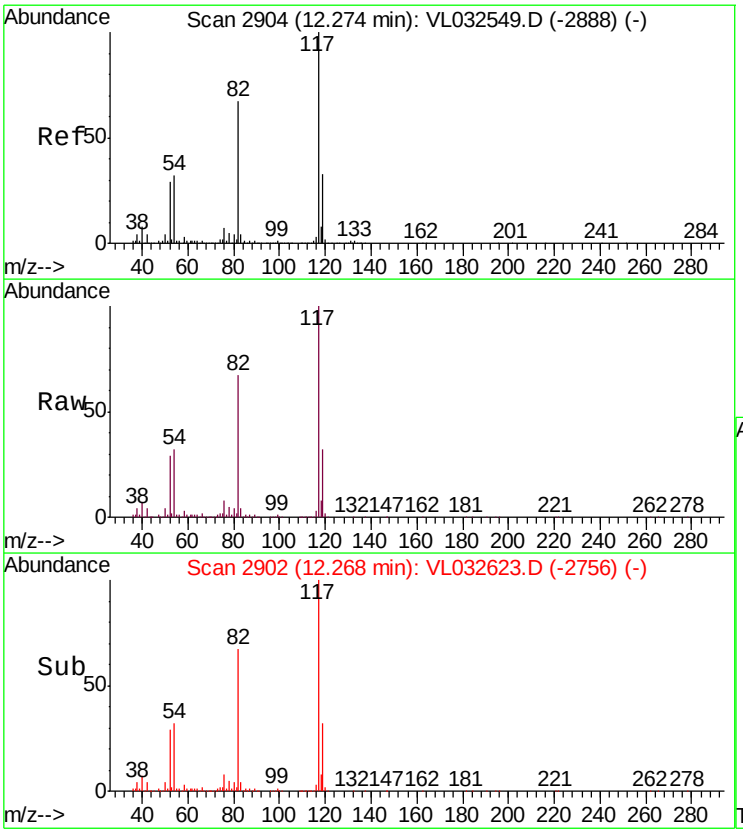
#39
1,2-Dichloropropane
Concen: 7.365 ppbv
RT: 7.31 min Scan# 1361
Delta R.T. -0.48 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion: 63 Resp: 778283

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	17.1	55.4	83.0#

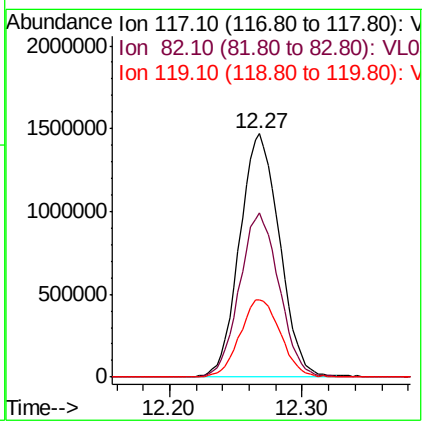


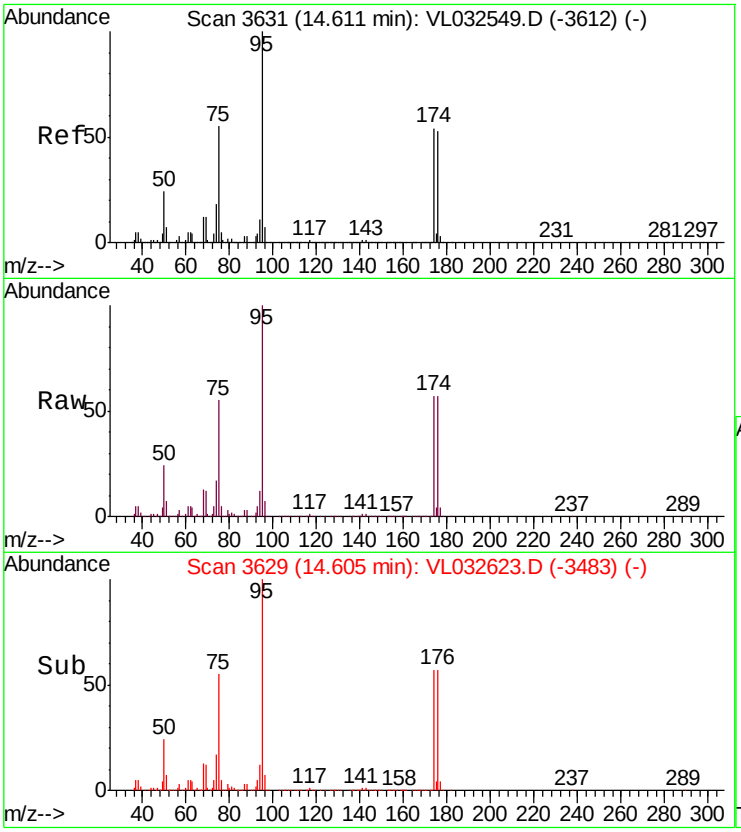


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Tgt Ion:117 Resp: 3077230

Ion	Ratio	Lower	Upper
117	100		
82	67.4	53.0	79.6
119	32.5	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.580 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032623.D
Acq: 12 Oct 2018 3:29

Instrument :
MSVOA_L
ClientSampleId :
Q4-SVI-100518DL

Tgt Ion: 95 Resp: 2223160

Ion	Ratio	Lower	Upper
95	100		
174	58.7	46.3	69.5
175	4.3	3.4	5.0