Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081618\
Data File : VL032403.D
Acq On : 17 Aug 2018 11:23
Operator : SY/AP
Sample : J4457-06DL2 100X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG05-MIVIDL2

Quant Time: Aug 17 23:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

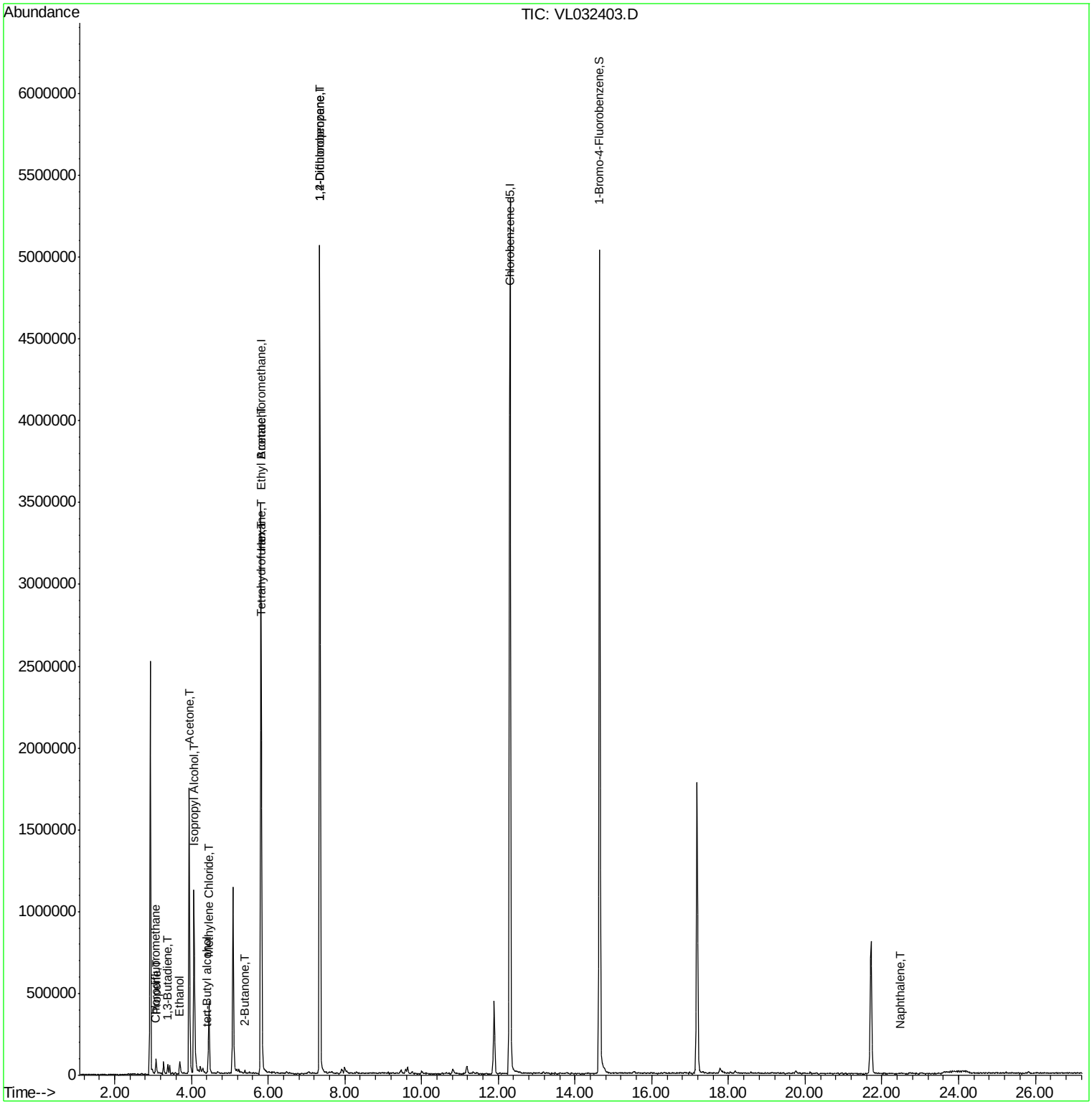
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1729082	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3410663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3307667	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.64	95	2483505	9.84	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.11	85	4729	Below Cal		94
3) Chlorodifluoromethane	3.05	51	7006	0.044	ppbv	98
9) Propene	3.08	41	21700	0.317	ppbv #	66
13) Ethanol	3.70	45	82040	4.660	ppbv	100
15) Acetone	3.94	43	1730667	10.535	ppbv	99
16) 1,3-Butadiene	3.38	39	14515	0.214	ppbv #	19
17) tert-Butyl alcohol	4.41	59	1352	0.049	ppbv #	74
19) Isopropyl Alcohol	4.07	45	1228416	11.105	ppbv #	98
20) Methylene Chloride	4.46	84	154150	2.485	ppbv	94
25) Ethyl Acetate	5.83	43	125287	0.356	ppbv #	80
26) Hexane	5.83	57	166905	1.063	ppbv #	39
34) 2-Butanone	5.39	43	9333	0.040	ppbv #	54
39) 1,2-Dichloropropane	7.35	63	950902	7.873	ppbv #	25
41) Tetrahydrofuran	5.84	42	76016	0.610	ppbv #	50
79) Naphthalene	22.48	128	237	0.328	ppbv #	69

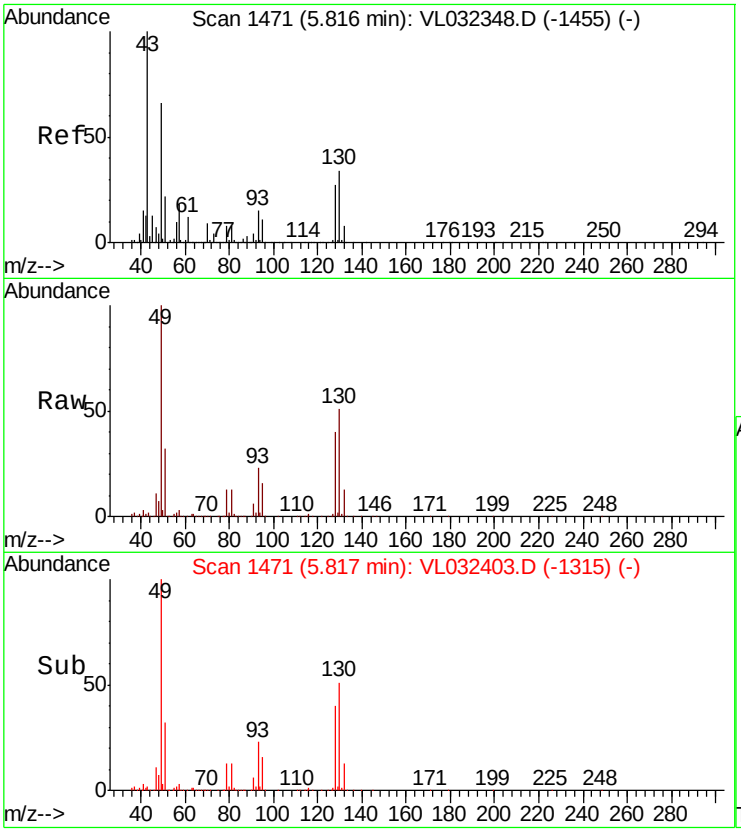
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081618\
Data File : VL032403.D
Acq On : 17 Aug 2018 11:23
Operator : SY/AP
Sample : J4457-06DL2 100X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Quant Time: Aug 17 23:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration



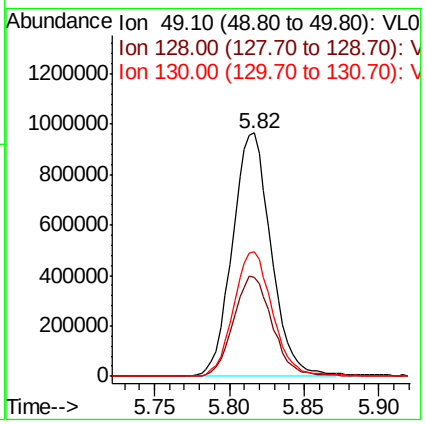


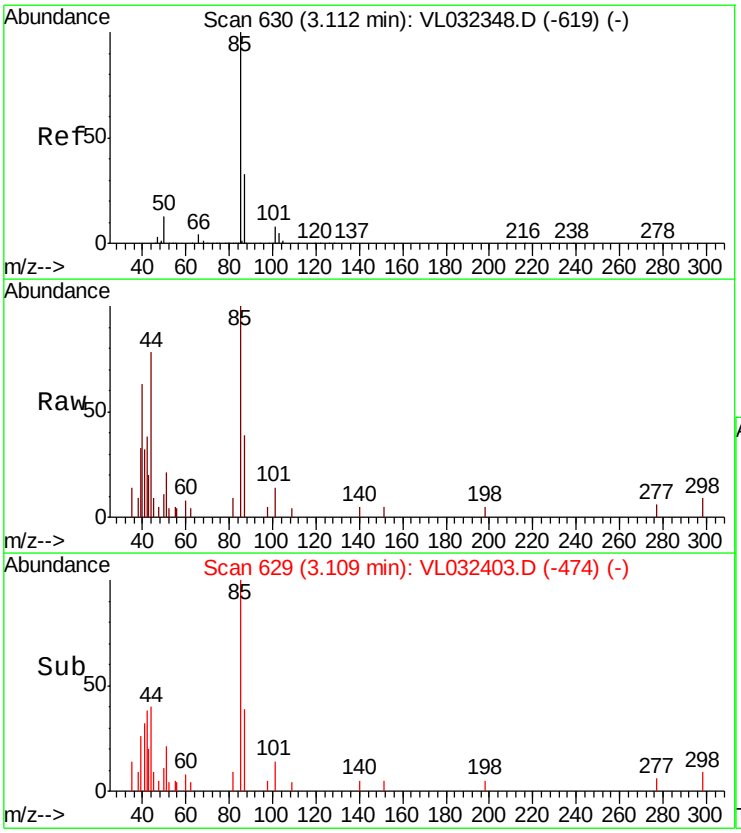
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1471
Delta R.T. 0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Tgt Ion: 49 Resp: 1729082

Ion	Ratio	Lower	Upper
49	100		
128	42.0	20.5	61.6
130	52.0	26.2	78.5

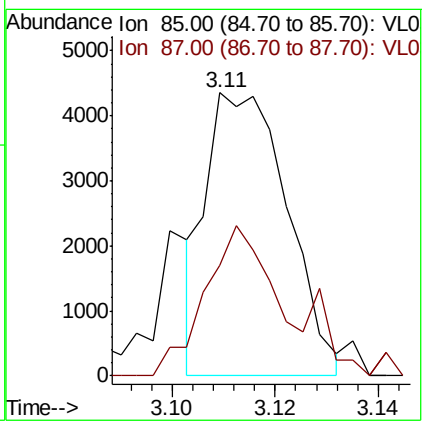


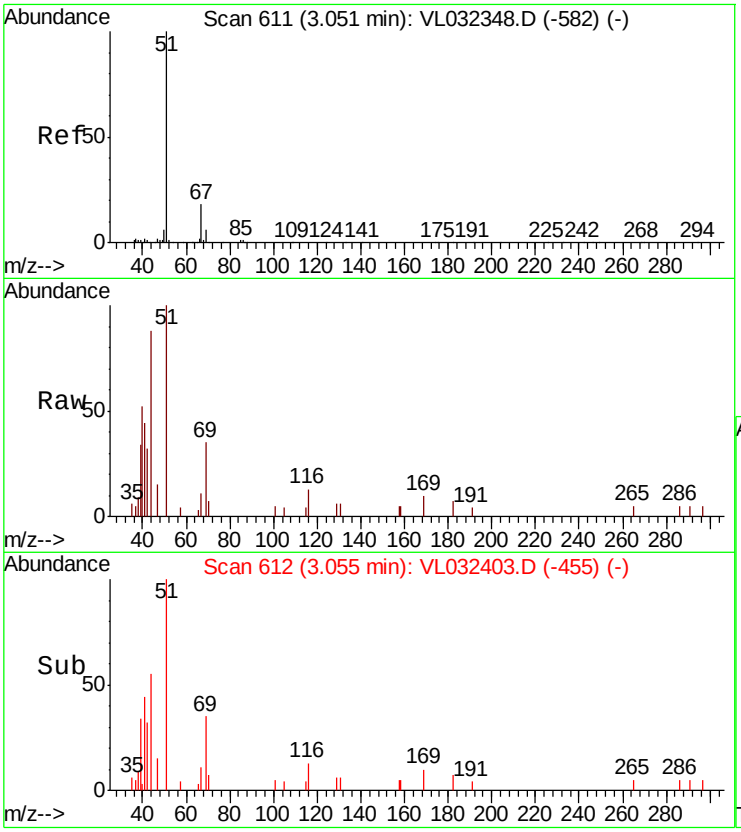


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 3.11 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 85 Resp: 4729

Ion	Ratio	Lower	Upper
85	100		
87	36.3	26.3	39.5



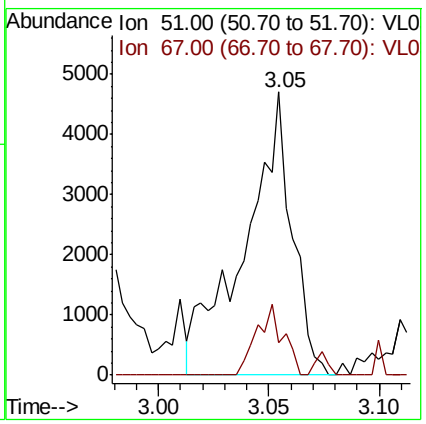


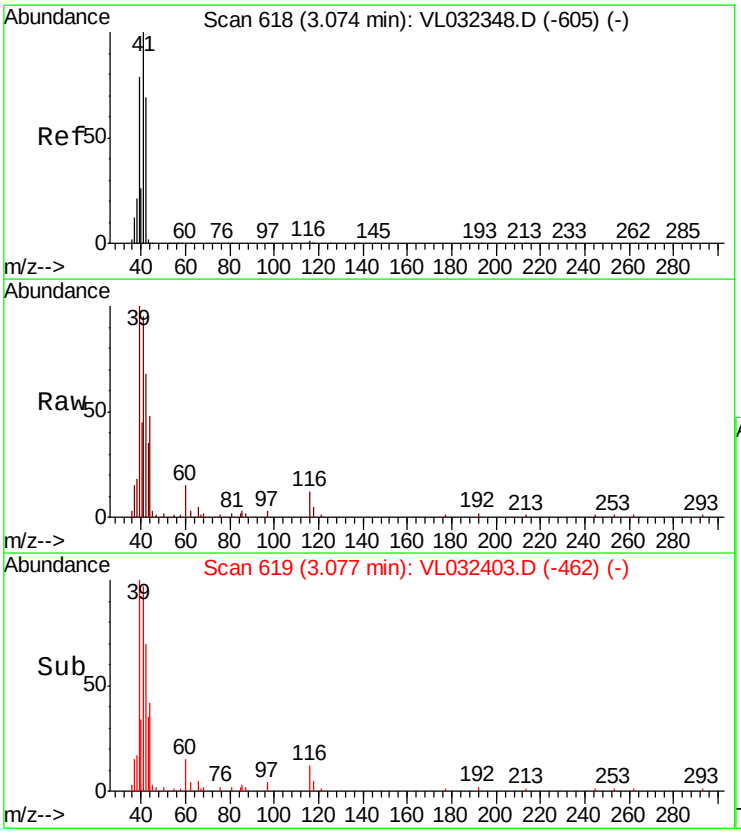
#3
Chlorodifluoromethane
Concen: 0.044 ppbv
RT: 3.05 min Scan# 612
Delta R.T. 0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument : MSVOA_L
ClientSampleId : SG05-MIVIDL2

Tgt Ion: 51 Resp: 7006

Ion	Ratio	Lower	Upper
51	100		
67	16.1	13.7	20.5

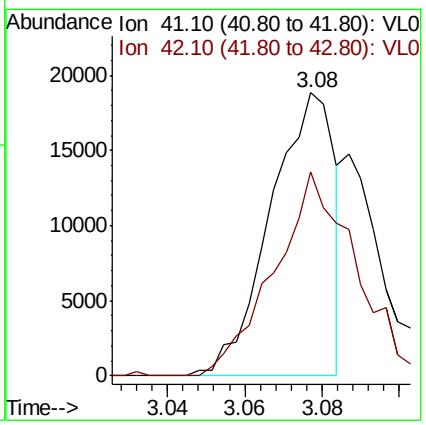


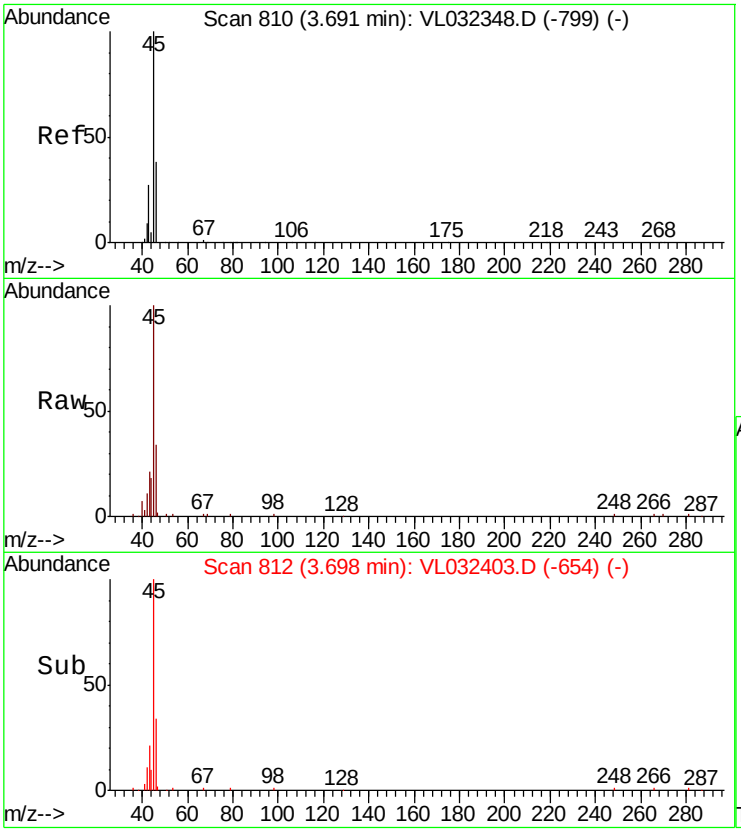


#9
Propene
Concen: 0.317 ppbv
RT: 3.08 min Scan# 619
Delta R.T. 0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 41 Resp: 21700

Ion	Ratio	Lower	Upper
41	100		
42	98.0	55.9	83.9#



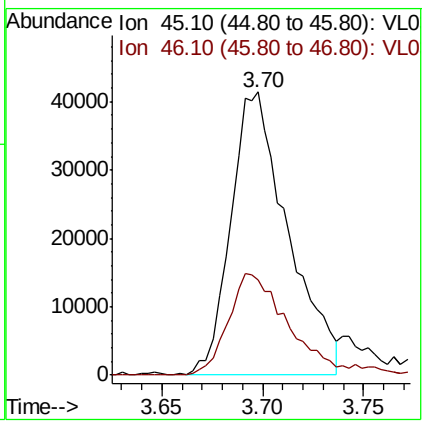


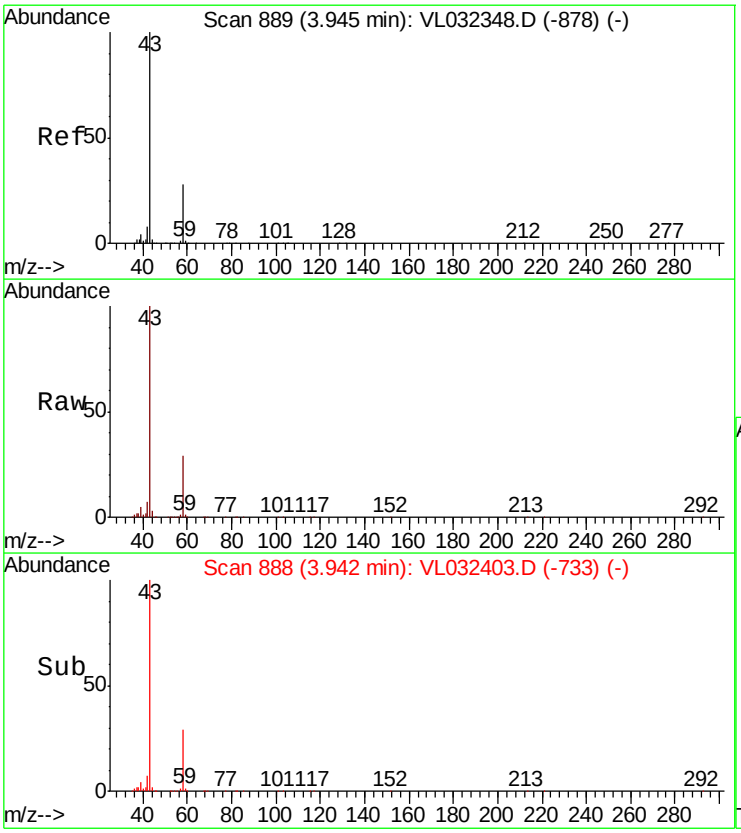
#13
Ethanol
Concen: 4.660 ppbv
RT: 3.70 min Scan# 812
Delta R.T. 0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument : MSVOA_L
ClientSampleId : SG05-MIVIDL2

Tgt Ion: 45 Resp: 82040

Ion	Ratio	Lower	Upper
45	100		
46	38.8	15.6	62.4

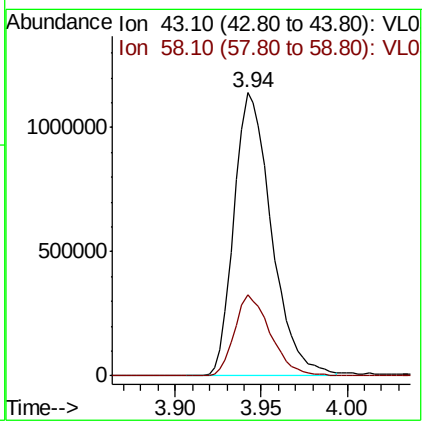


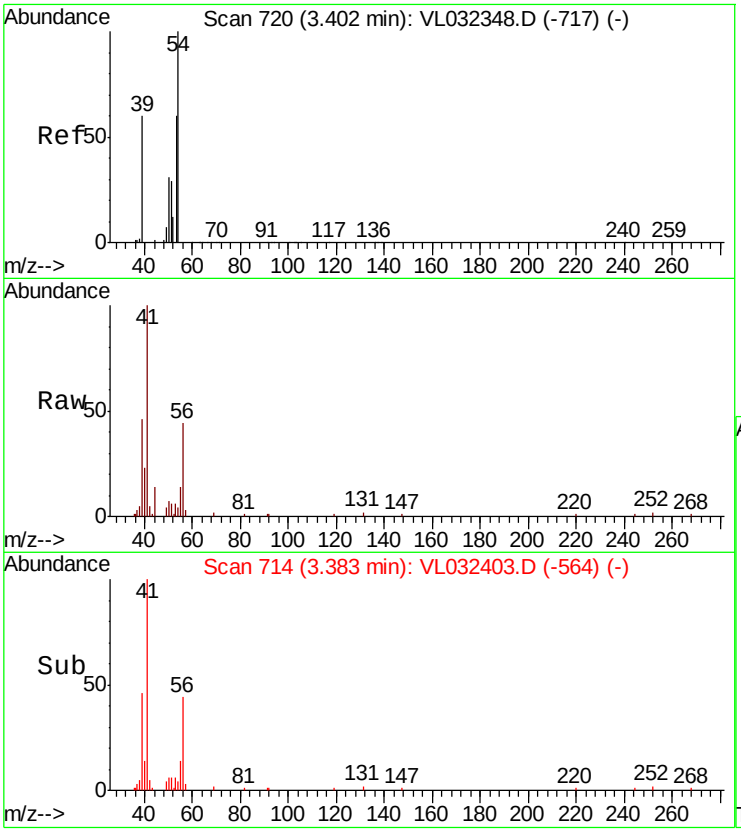


#15
Acetone
Concen: 10.535 ppbv
RT: 3.94 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 43 Resp: 1730667

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.4	33.6



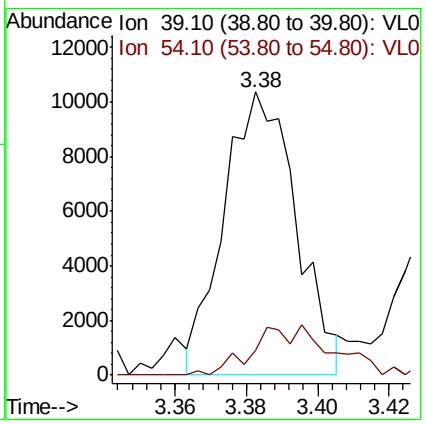


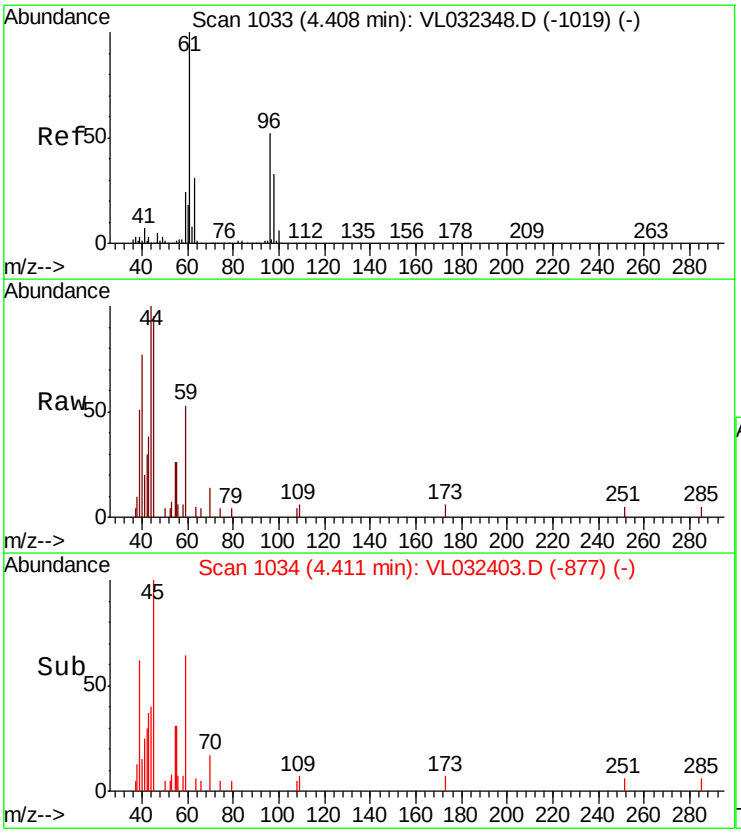
#16
1,3-Butadiene
Concen: 0.214 ppbv
RT: 3.38 min Scan# 714
Delta R.T. -0.02 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Tgt Ion: 39 Resp: 14515

Ion	Ratio	Lower	Upper
39	100		
54	22.9	85.5	128.3#

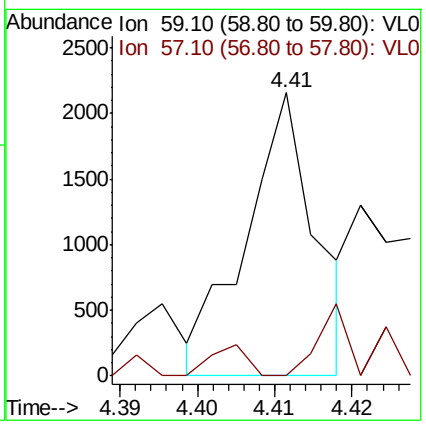


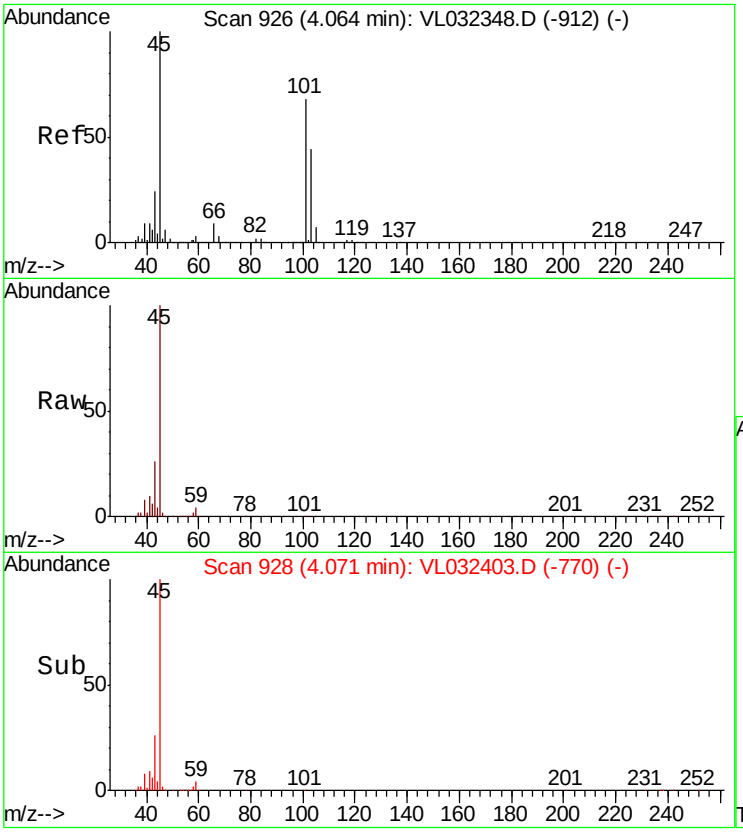


#17
tert-Butyl alcohol
Concen: 0.049 ppbv
RT: 4.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 59 Resp: 1352

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



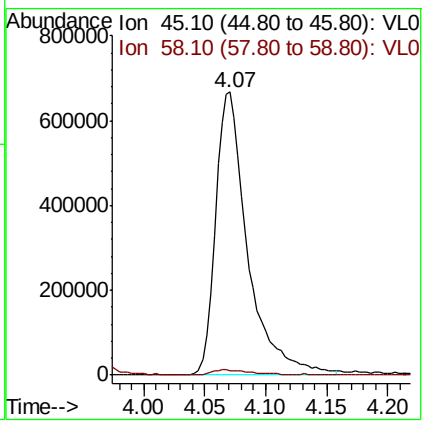


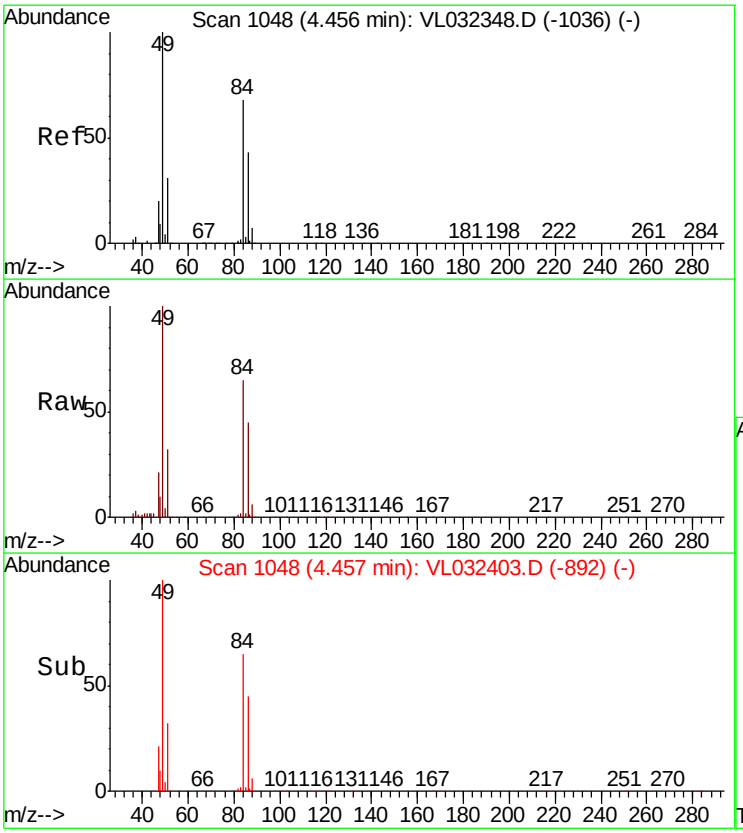
#19
Isopropyl Alcohol
Concen: 11.105 ppbv
RT: 4.07 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Tgt Ion: 45 Resp: 1228416

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.4	2.0#

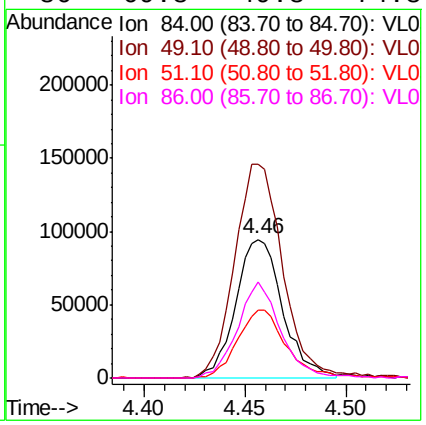


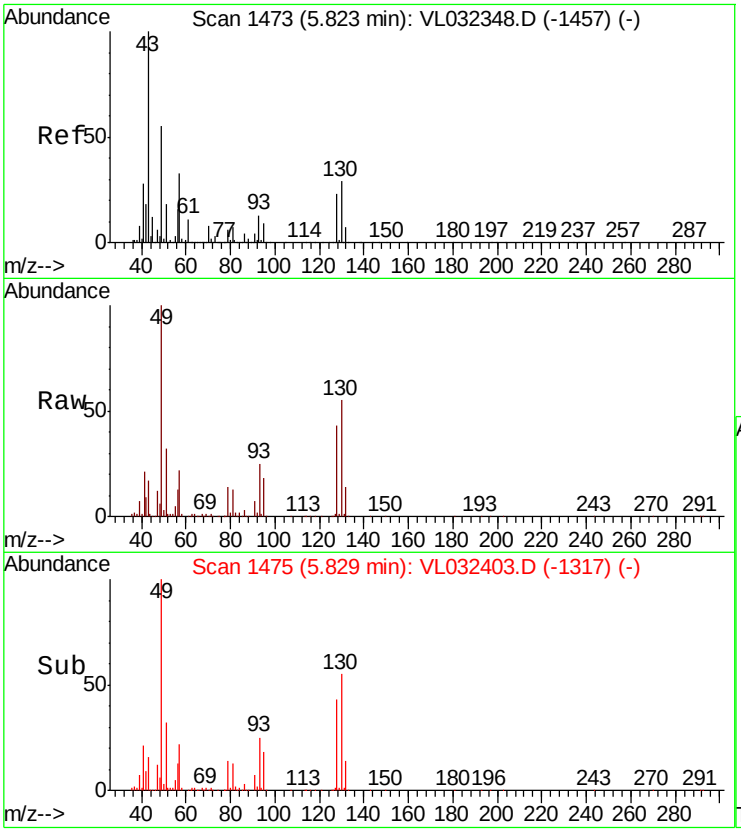


#20
Methylene Chloride
Concen: 2.485 ppbv
RT: 4.46 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 84 Resp: 154150

Ion	Ratio	Lower	Upper
84	100		
49	153.4	117.3	175.9
51	49.3	36.6	55.0
86	69.8	49.8	74.8



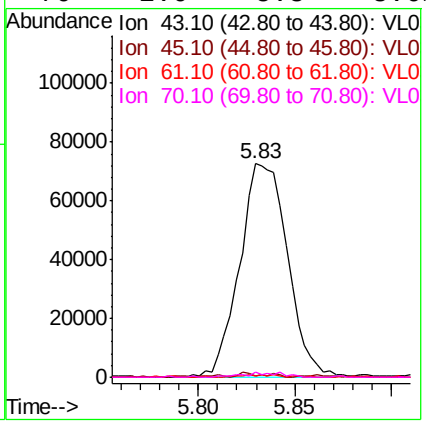


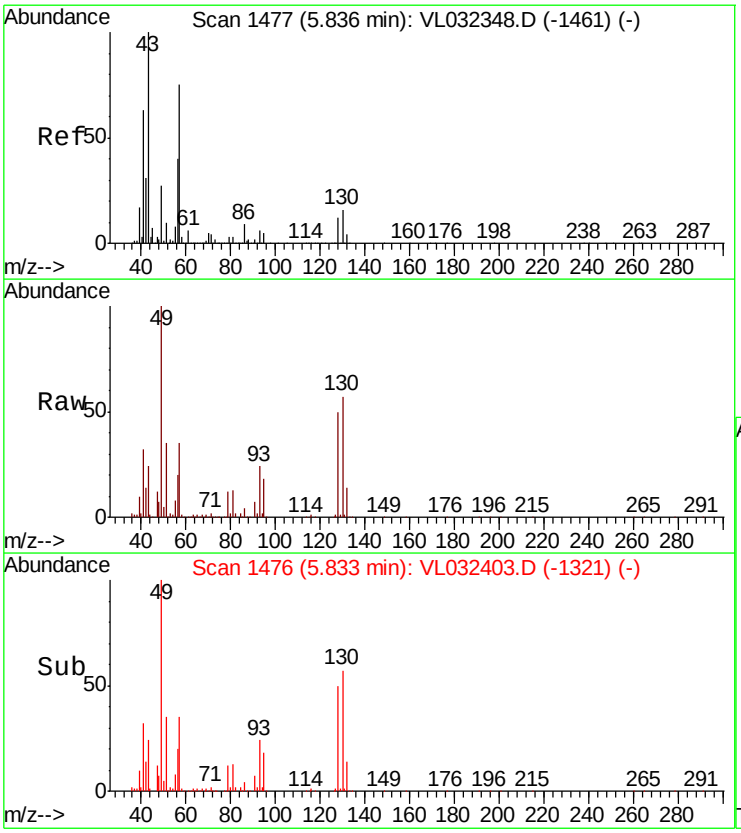
#25
Ethyl Acetate
Concen: 0.356 ppbv
RT: 5.83 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument : MSVOA_L
ClientSampleId : SG05-MIVIDL2

Tgt Ion: 43 Resp: 125287

Ion	Ratio	Lower	Upper
43	100		
45	2.5	7.9	11.9#
61	1.0	7.4	11.2#
70	2.0	5.8	8.6#

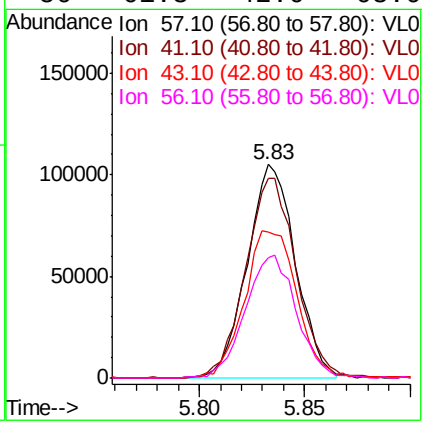


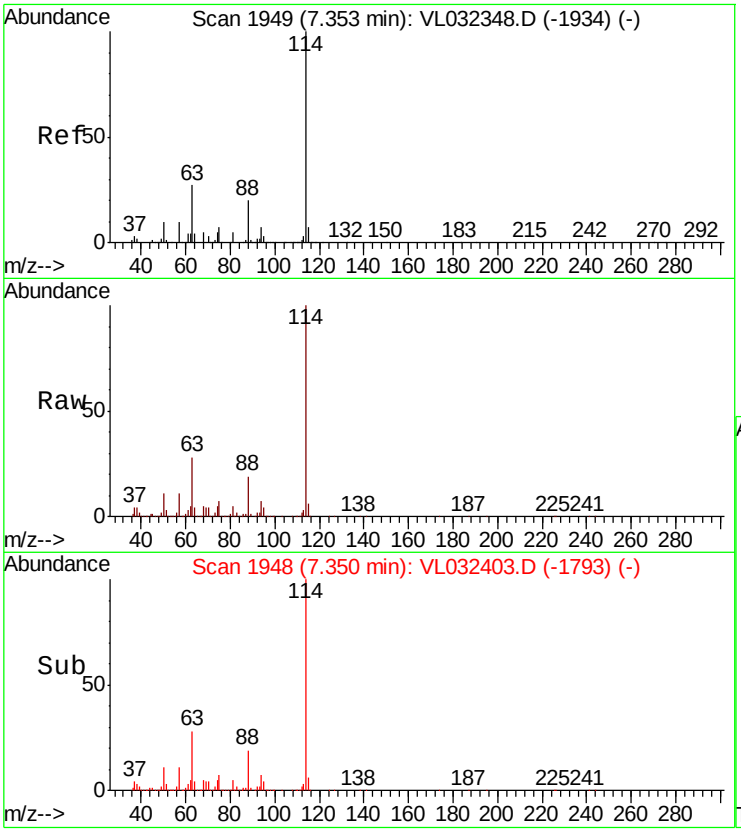


#26
Hexane
Concen: 1.063 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 57 Resp: 166905

Ion	Ratio	Lower	Upper
57	100		
41	99.6	68.0	102.0
43	75.8	175.3	262.9#
56	61.3	42.0	63.0



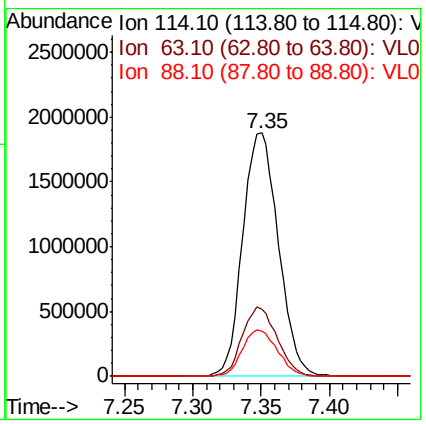


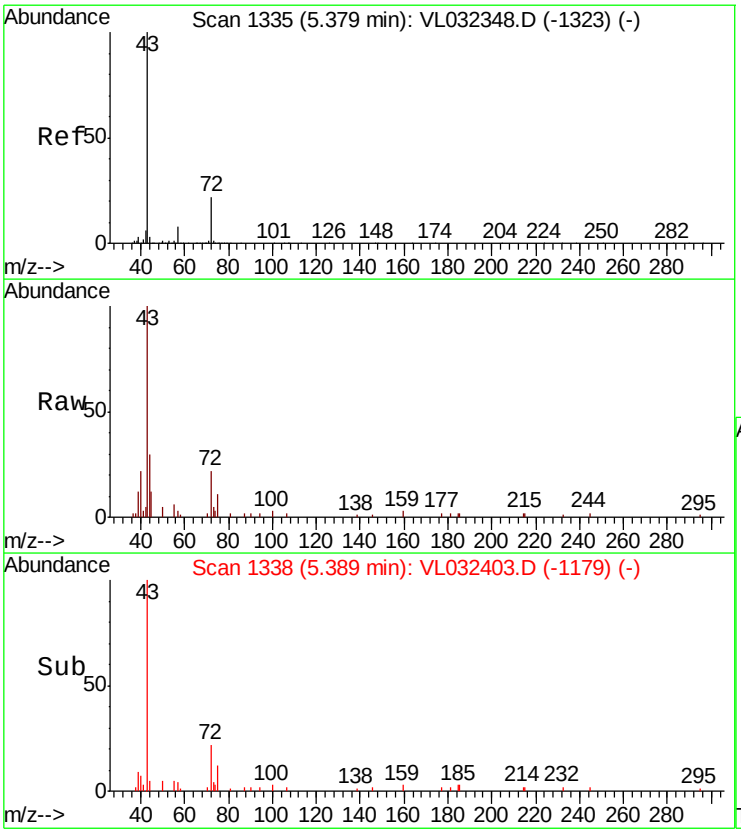
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument : MSVOA_L
ClientSampleId : SG05-MIVIDL2

Tgt Ion:114 Resp: 3410663

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.0	33.0
88	18.9	15.3	22.9

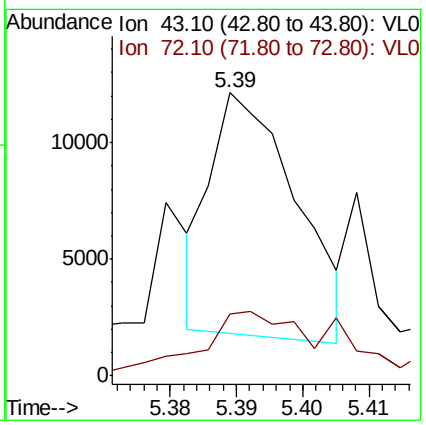


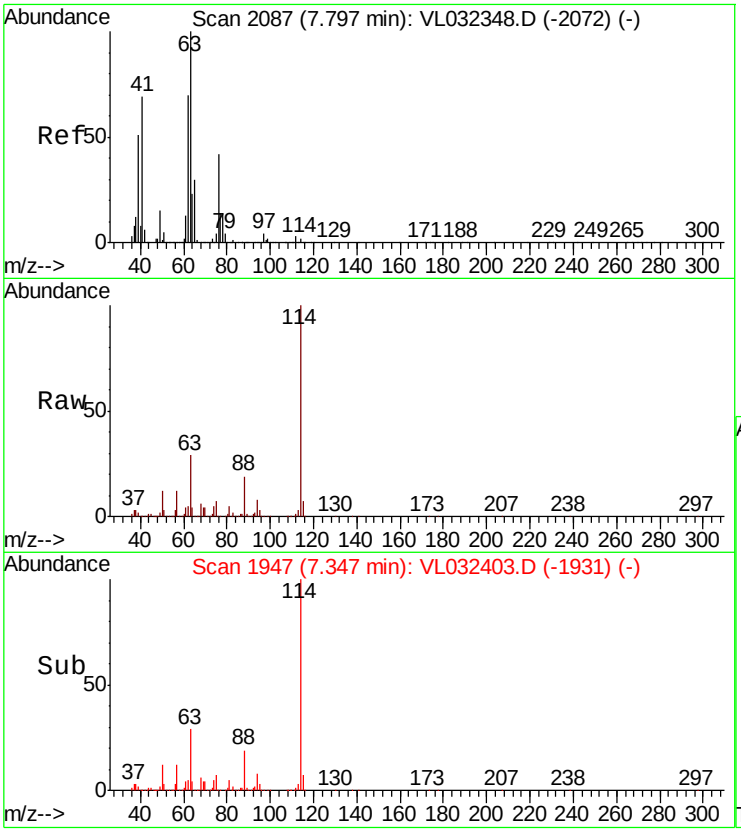


#34
2-Butanone
Concen: 0.040 ppbv
RT: 5.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 43 Resp: 9333

Ion	Ratio	Lower	Upper
43	100		
72	44.3	17.9	26.9#



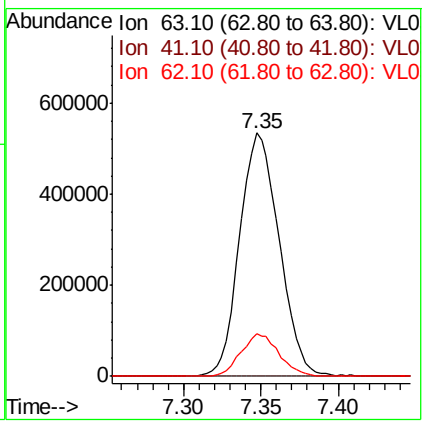


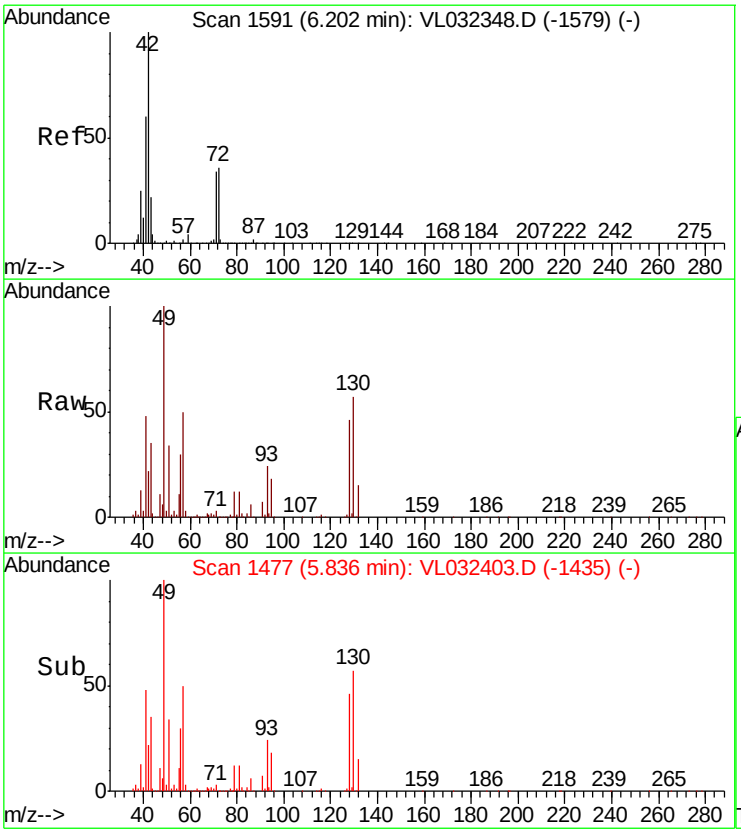
#39
1,2-Dichloropropane
Concen: 7.873 ppbv
RT: 7.35 min Scan# 1947
Delta R.T. -0.45 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument : MSVOA_L
ClientSampleId : SG05-MIVIDL2

Tgt Ion: 63 Resp: 950902

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.5	83.3#
62	17.2	56.3	84.5#

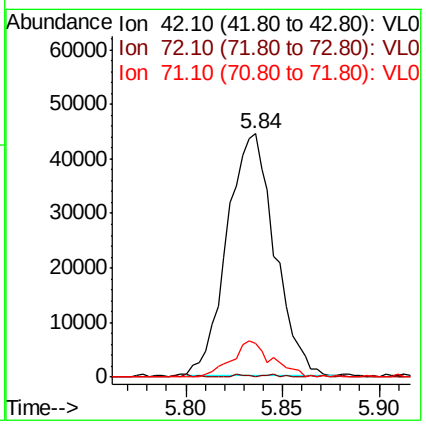


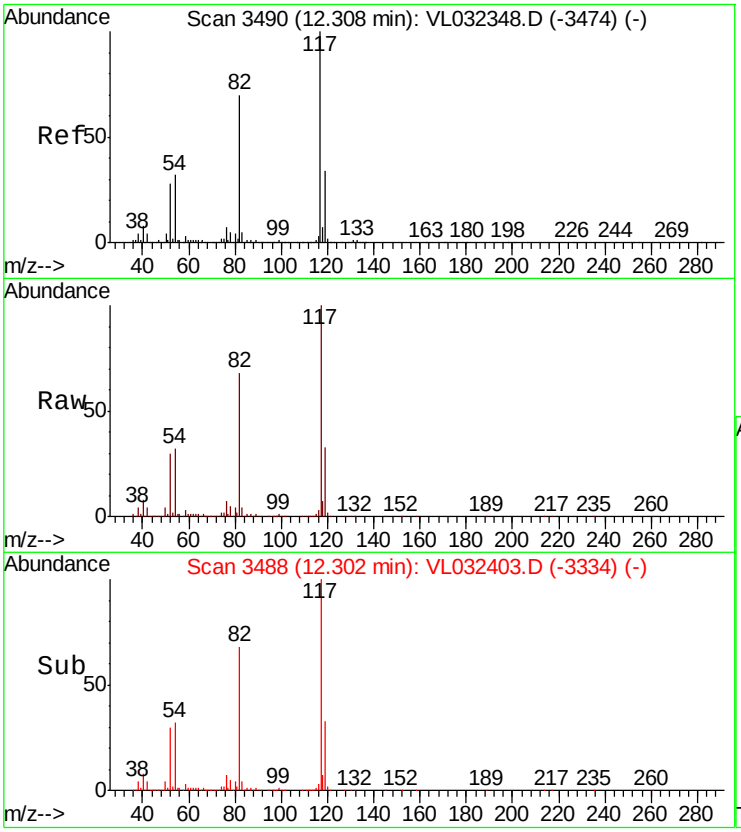


#41
Tetrahydrofuran
Concen: 0.610 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.37 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 42 Resp: 76016

Ion	Ratio	Lower	Upper
42	100		
72	1.4	29.8	44.6#
71	12.7	28.2	42.2#



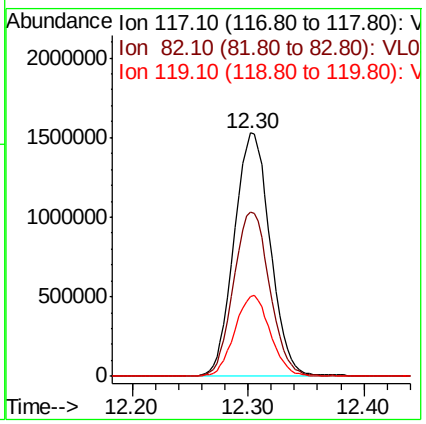


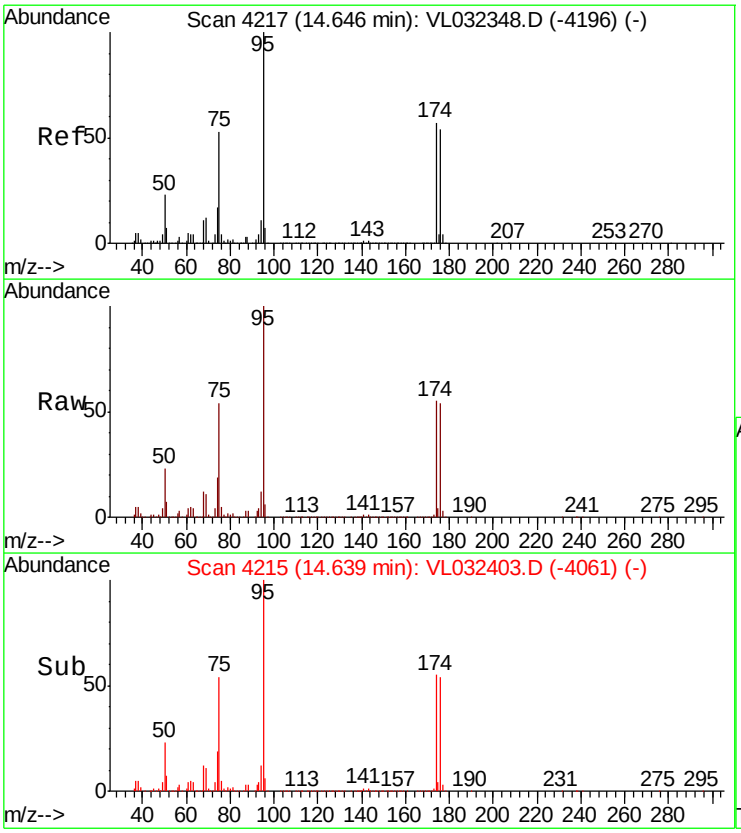
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Tgt Ion:117 Resp: 3307667

Ion	Ratio	Lower	Upper
117	100		
82	68.0	55.1	82.7
119	33.0	46.0	69.0#

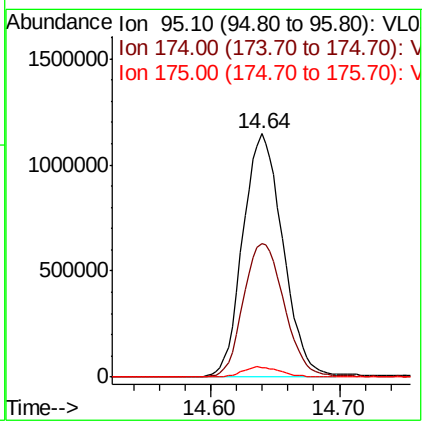


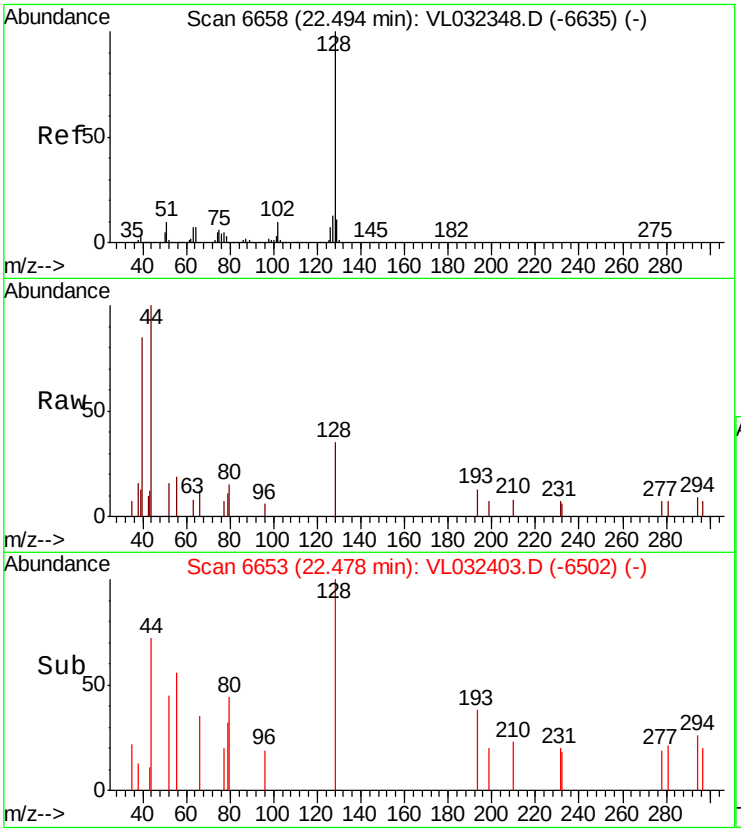


#68
1-Bromo-4-Fluorobenzene
Concen: 9.841 ppbv
RT: 14.64 min Scan# 4215
Delta R.T. -0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion: 95 Resp: 2483505

Ion	Ratio	Lower	Upper
95	100		
174	57.2	46.2	69.4
175	4.1	3.4	5.0





#79
Naphthalene
Concen: 0.328 ppbv
RT: 22.48 min Scan# 6653
Delta R.T. -0.02 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Tgt Ion:128 Resp: 237

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#