Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071918\
Data File : VL032301.D
Acq On : 19 Jul 2018 23:35
Operator : SY/AP
Sample : J3454-09DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 20 02:11:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1495705	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	2943895	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3602847	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2775502	9.50	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.13	85	21832	0.086	ppbv	97
3) Chlorodifluoromethane	3.04	51	172970	1.030	ppbv #	76
4) Chloromethane	3.22	50	2209	0.022	ppbv	98
9) Propene	3.09	41	7645	0.104	ppbv	100
13) Ethanol	3.71	45	141826	6.766	ppbv	99
15) Acetone	3.97	43	152184	0.972	ppbv	99
19) Isopropyl Alcohol	4.12	45	6380	0.060	ppbv #	95
20) Methylene Chloride	4.48	84	10099	0.168	ppbv #	70
23) Vinyl Acetate	5.22	43	7397	0.026	ppbv #	84
25) Ethyl Acetate	5.86	43	178978	0.525	ppbv #	77
26) Hexane	5.86	57	239791	1.531	ppbv #	42
34) 2-Butanone	5.42	43	6378	0.032	ppbv #	32
39) 1,2-Dichloropropane	7.37	63	831731	7.250	ppbv #	26
41) Tetrahydrofuran	5.86	42	102603	0.871	ppbv #	51

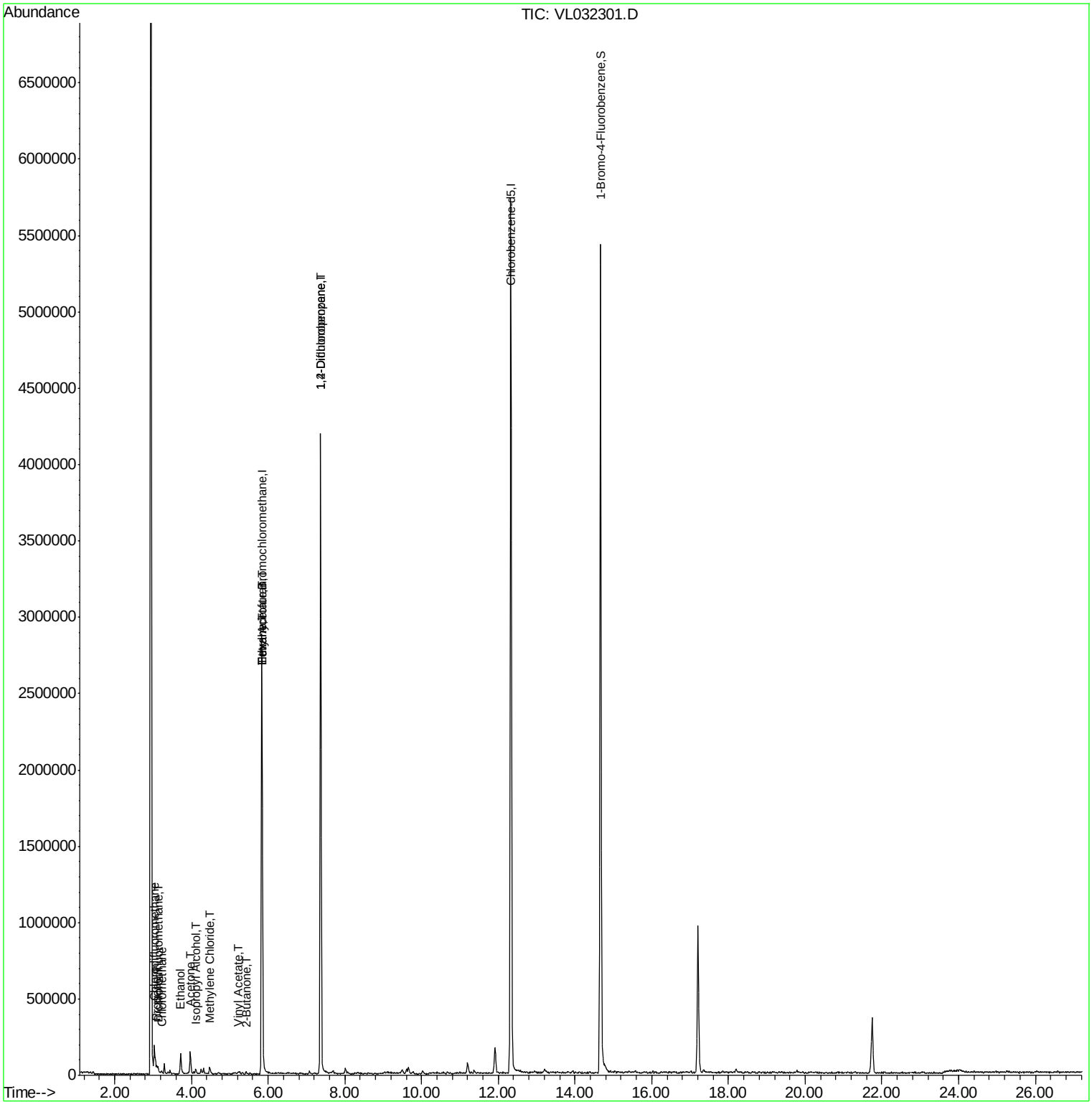
(#) = qualifier out of range (m) = manual integration (+) = signals summed

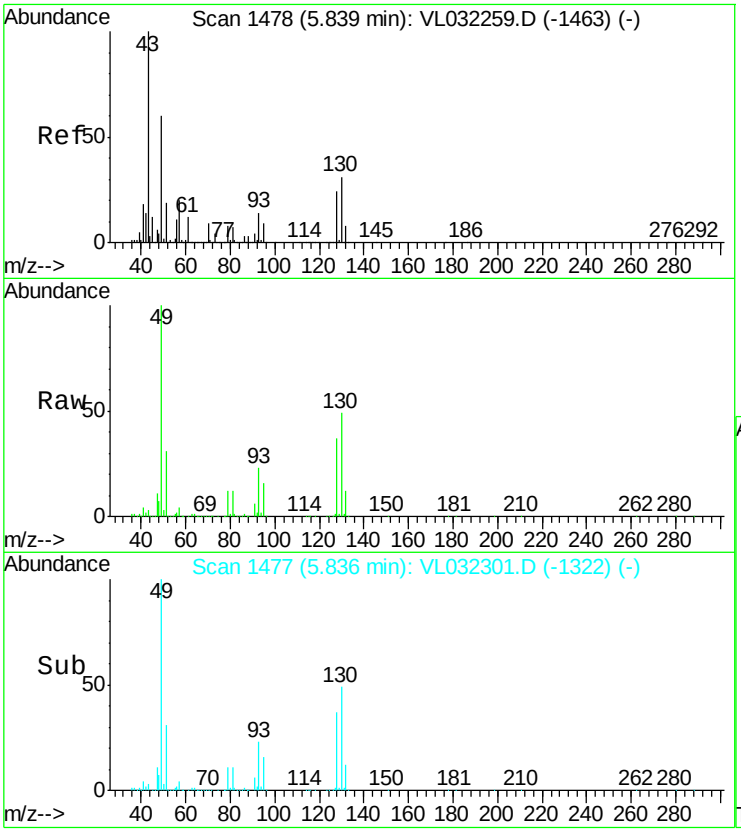
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071918\
Data File : VL032301.D
Acq On : 19 Jul 2018 23:35
Operator : SY/AP
Sample : J3454-09DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 20 02:11:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration



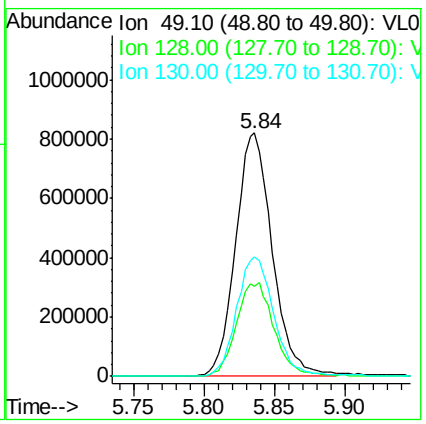


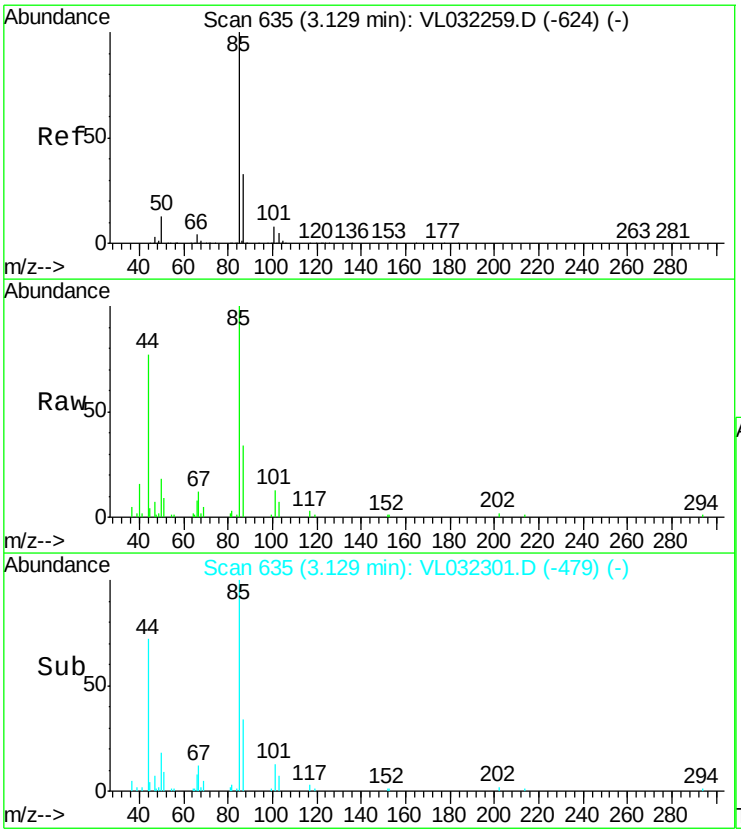
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1495705

Ion	Ratio	Lower	Upper
49	100		
128	40.2	20.1	60.2
130	50.5	25.9	77.6

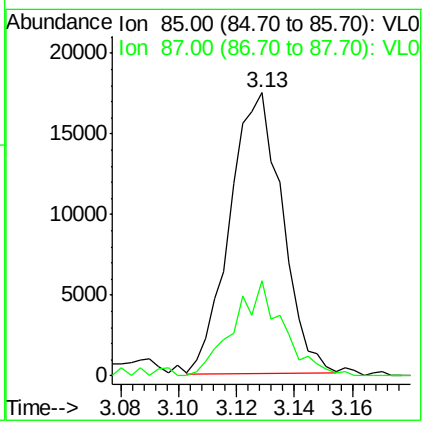


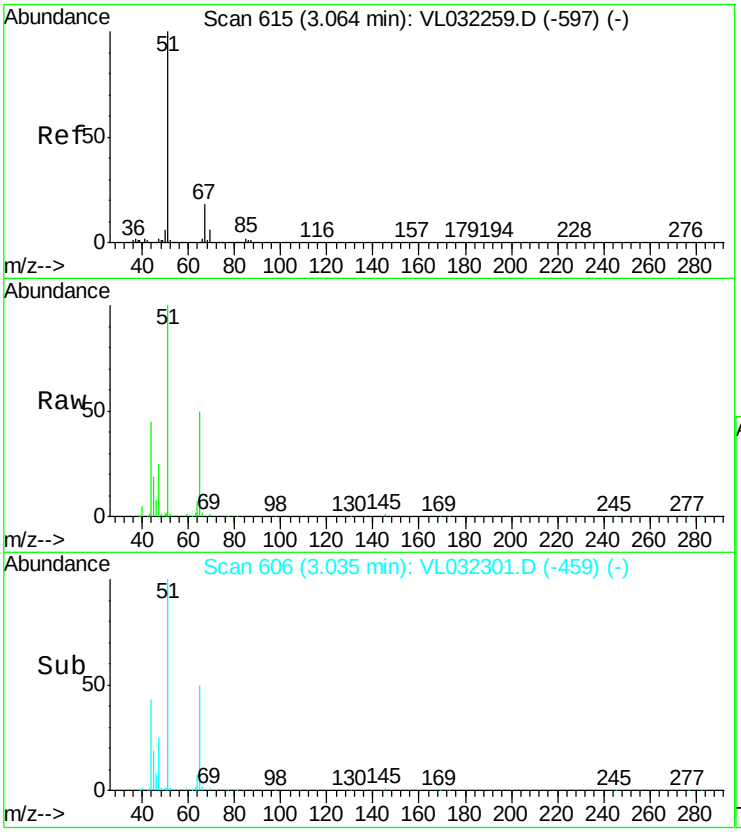


#2
Dichlorodifluoromethane
Concen: 0.086 ppbv
RT: 3.13 min Scan# 635
Delta R.T. 0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 85 Resp: 21832

Ion	Ratio	Lower	Upper
85	100		
87	34.1	26.2	39.2



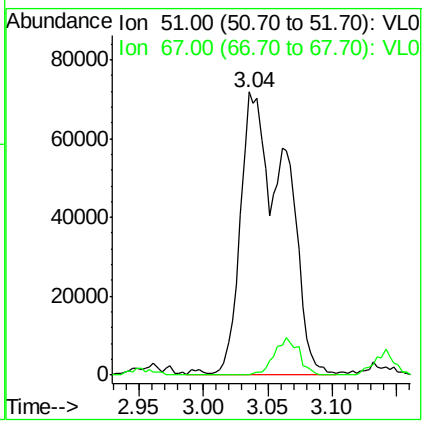


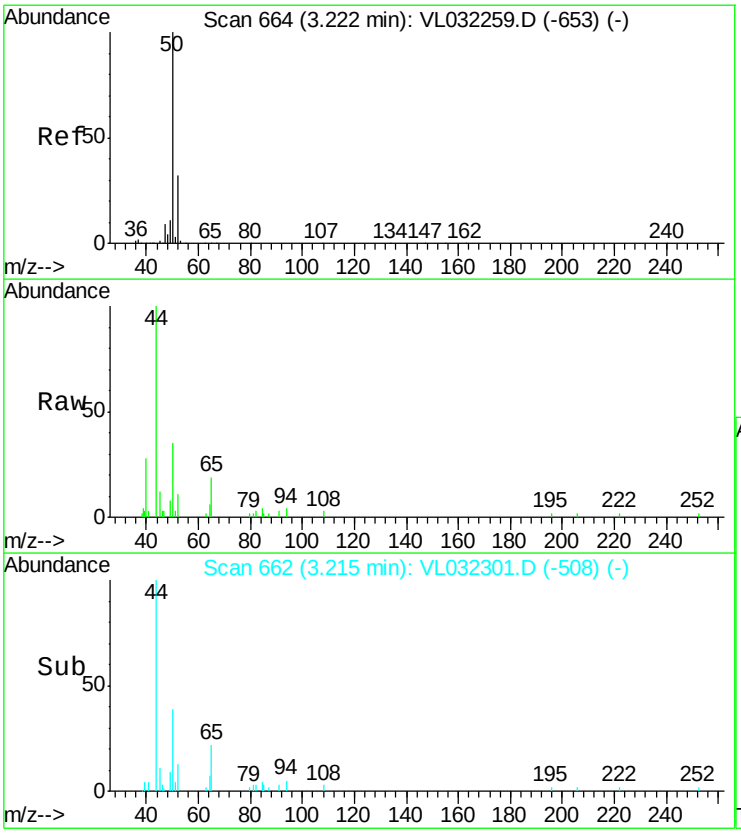
#3
Chlorodifluoromethane
Concen: 1.030 ppbv
RT: 3.04 min Scan# 606
Delta R.T. -0.03 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 172970

Ion	Ratio	Lower	Upper
51	100		
67	7.4	14.2	21.4#

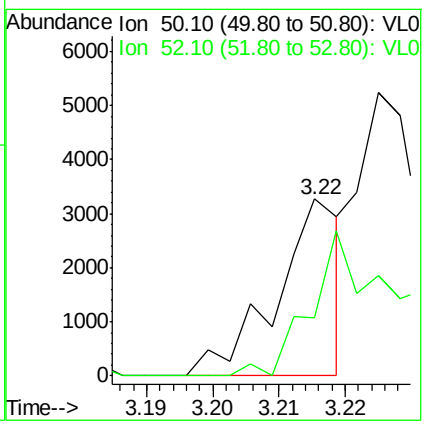


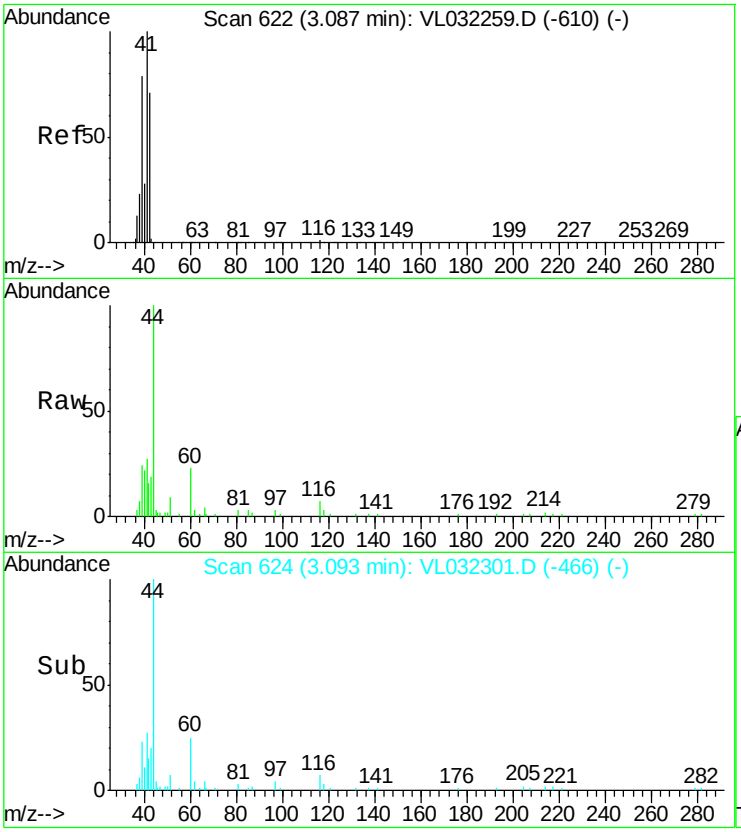


#4
Chloromethane
Concen: 0.022 ppbv
RT: 3.22 min Scan# 662
Delta R.T. -0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 50 Resp: 2209

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.3	37.9



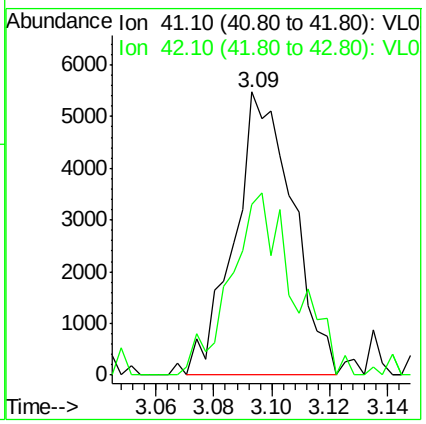


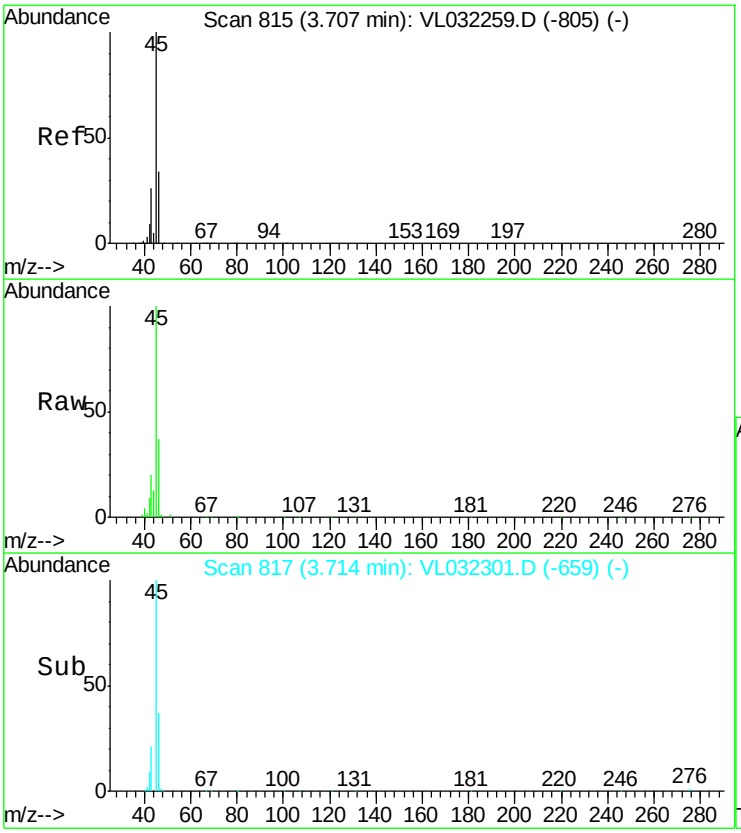
#9
Propene
Concen: 0.104 ppbv
RT: 3.09 min Scan# 624
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 7645

Ion	Ratio	Lower	Upper
41	100		
42	70.7	56.2	84.4

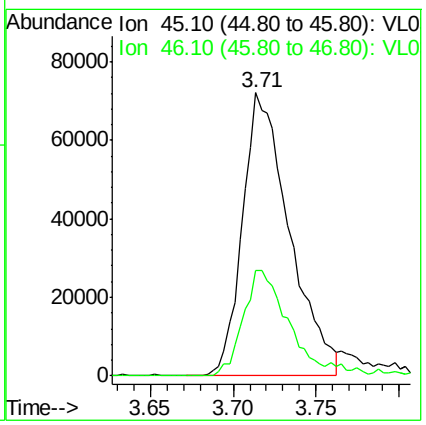


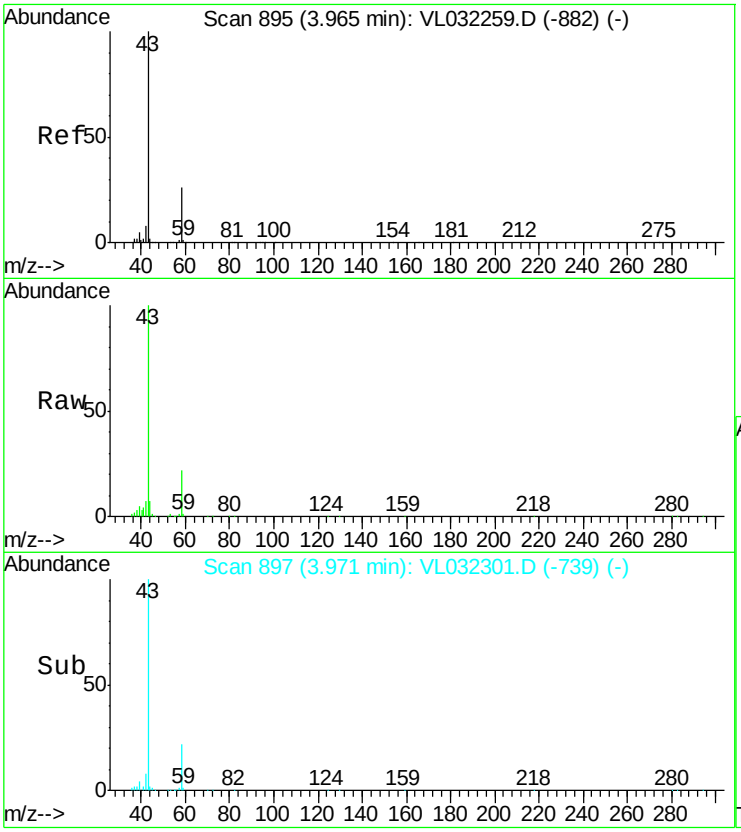


#13
Ethanol
Concen: 6.766 ppbv
RT: 3.71 min Scan# 817
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 45 Resp: 141826

Ion	Ratio	Lower	Upper
45	100		
46	38.3	15.2	60.8



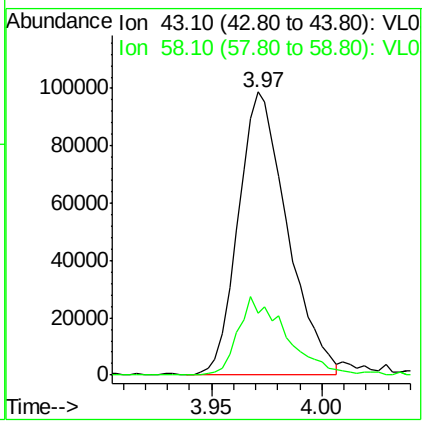


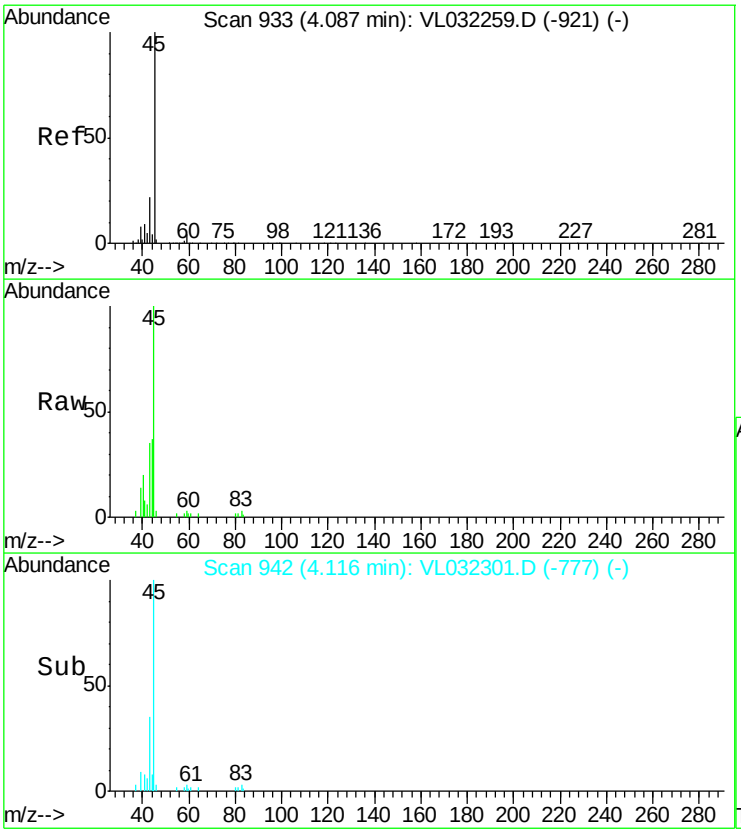
#15
Acetone
Concen: 0.972 ppbv
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 152184

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.8	32.6

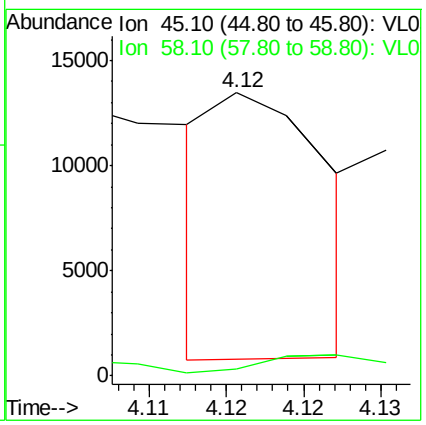


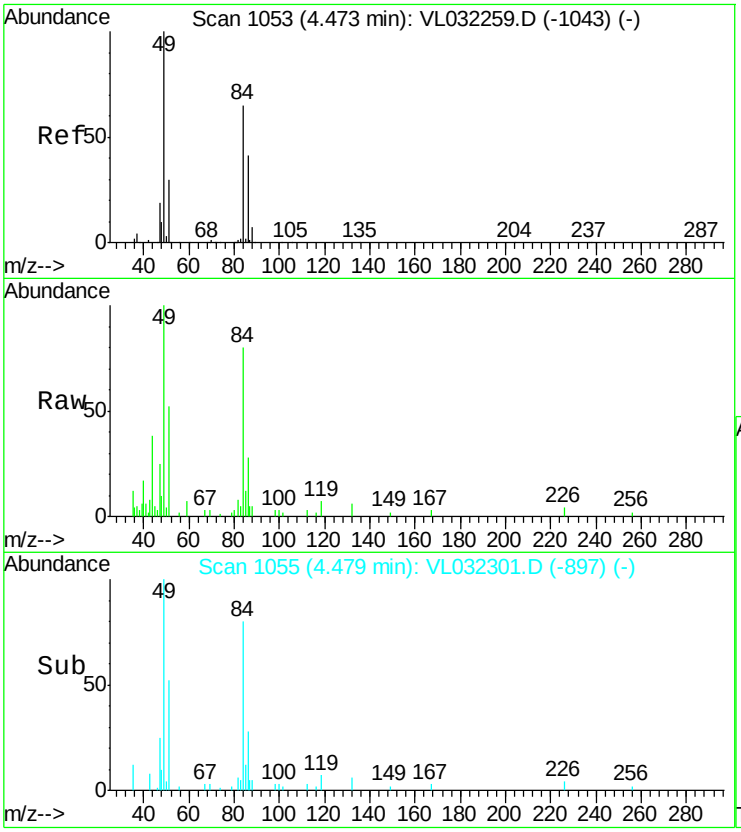


#19
Isopropyl Alcohol
Concen: 0.060 ppbv
RT: 4.12 min Scan# 942
Delta R.T. 0.03 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 45 Resp: 6380

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#



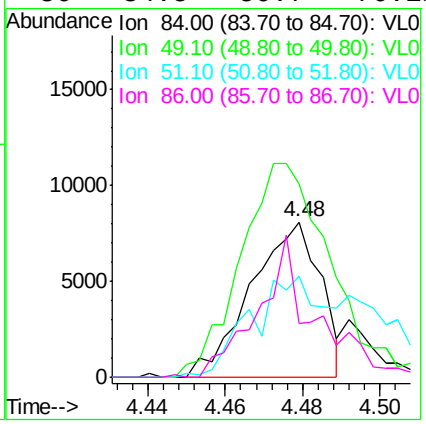


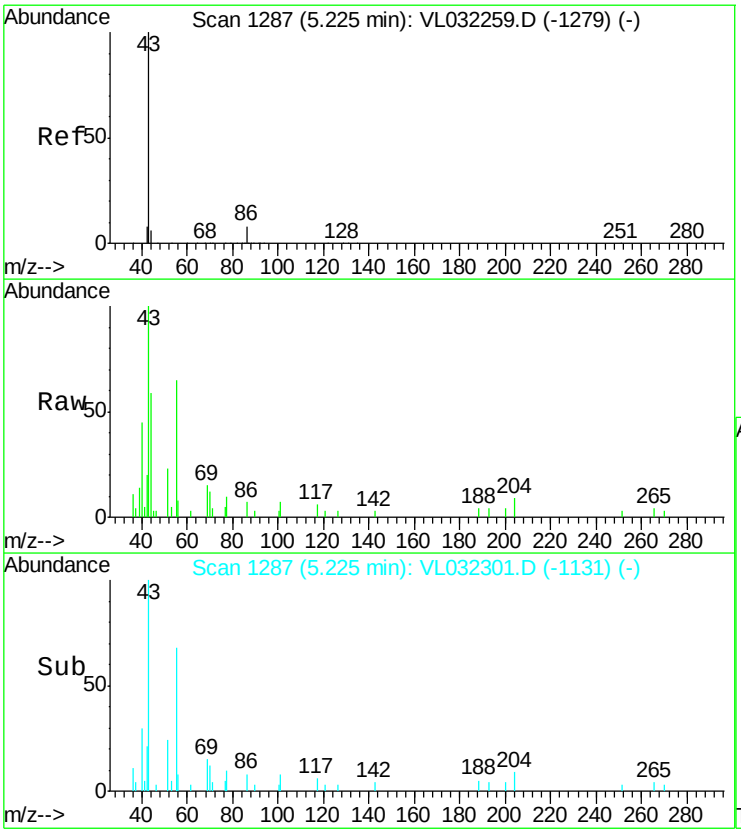
#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 10099

Ion	Ratio	Lower	Upper
84	100		
49	115.9	122.4	183.6#
51	62.7	36.8	55.2#
86	34.5	50.7	76.1#

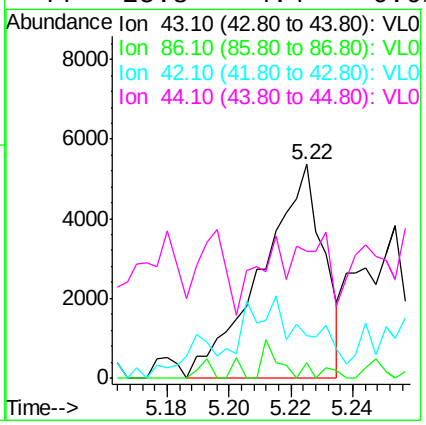


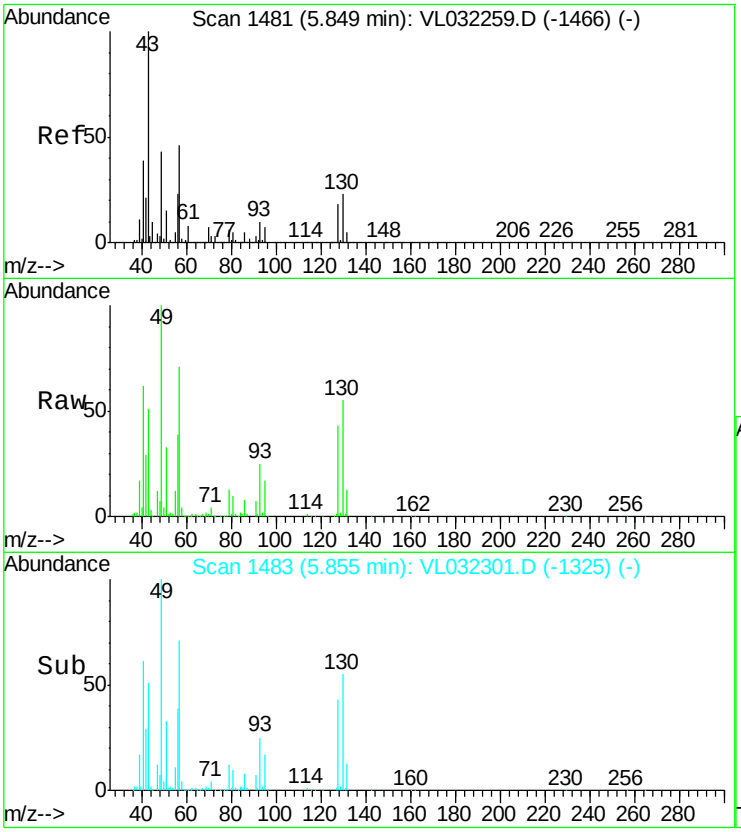


#23
Vinyl Acetate
Concen: 0.026 ppbv
RT: 5.22 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 43 Resp: 7397

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.9	8.9
42	9.7	7.3	10.9
44	25.8	4.4	6.6#



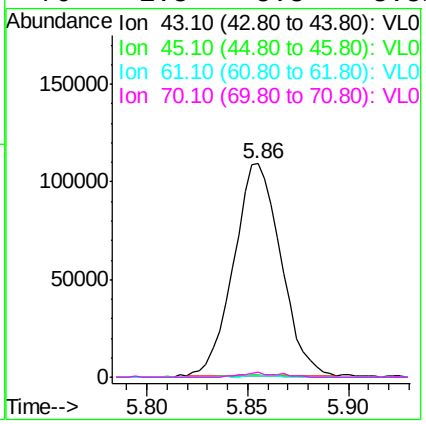


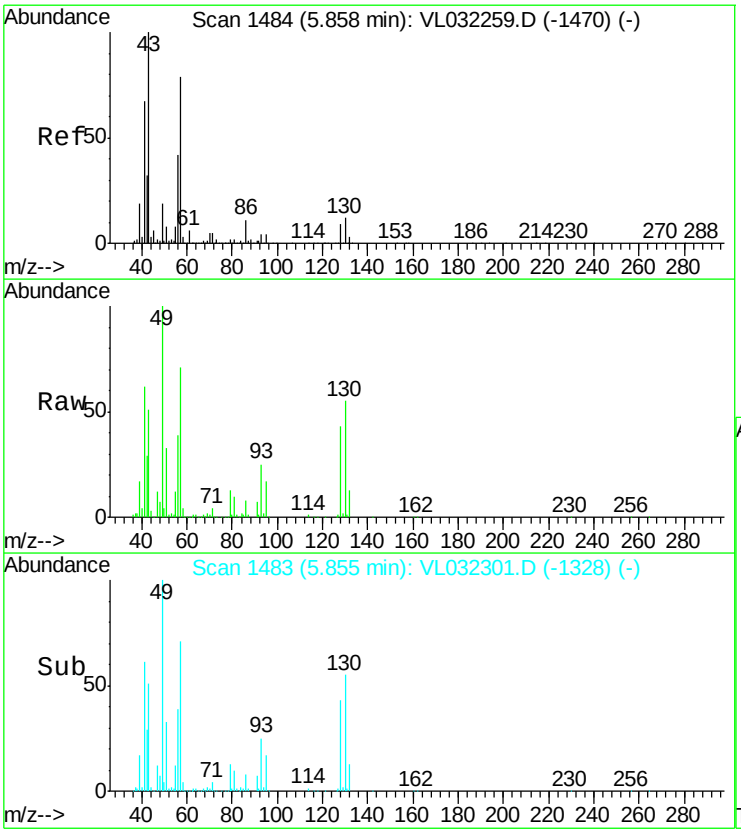
#25
Ethyl Acetate
Concen: 0.525 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 178978

Ion	Ratio	Lower	Upper
43	100		
45	0.7	7.9	11.9#
61	0.0	7.6	11.4#
70	1.8	5.8	8.8#

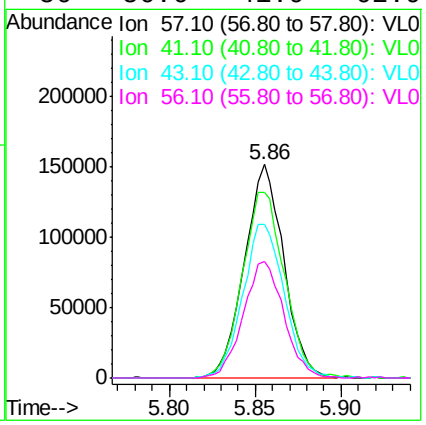


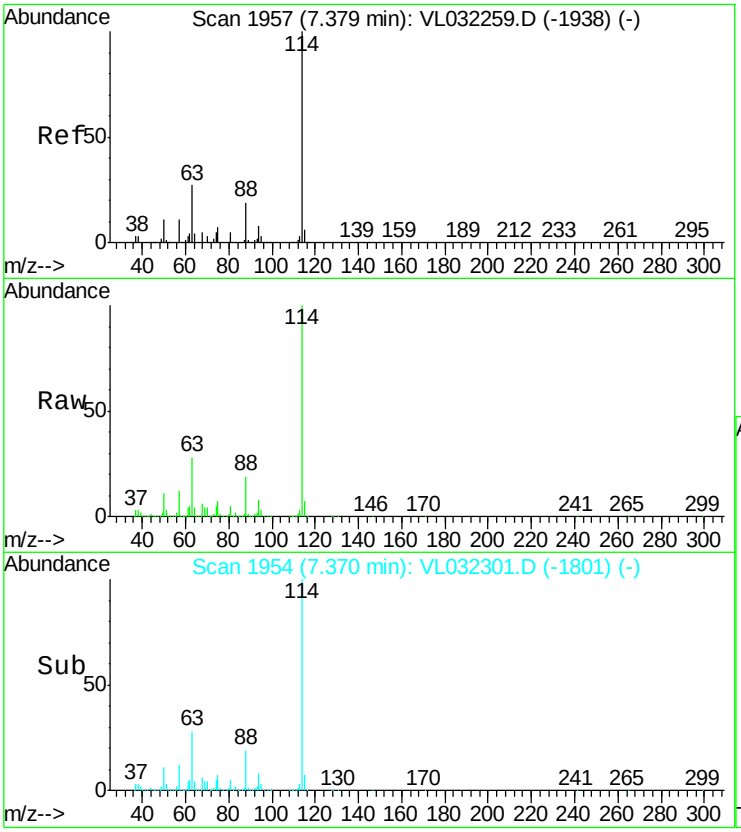


#26
Hexane
Concen: 1.531 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 57 Resp: 239791

Ion	Ratio	Lower	Upper
57	100		
41	94.1	67.9	101.9
43	76.3	175.9	263.9#
56	56.6	41.9	62.9



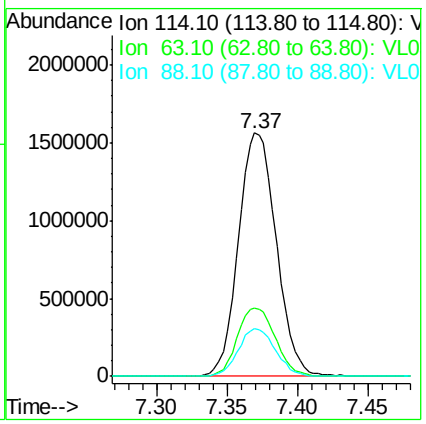


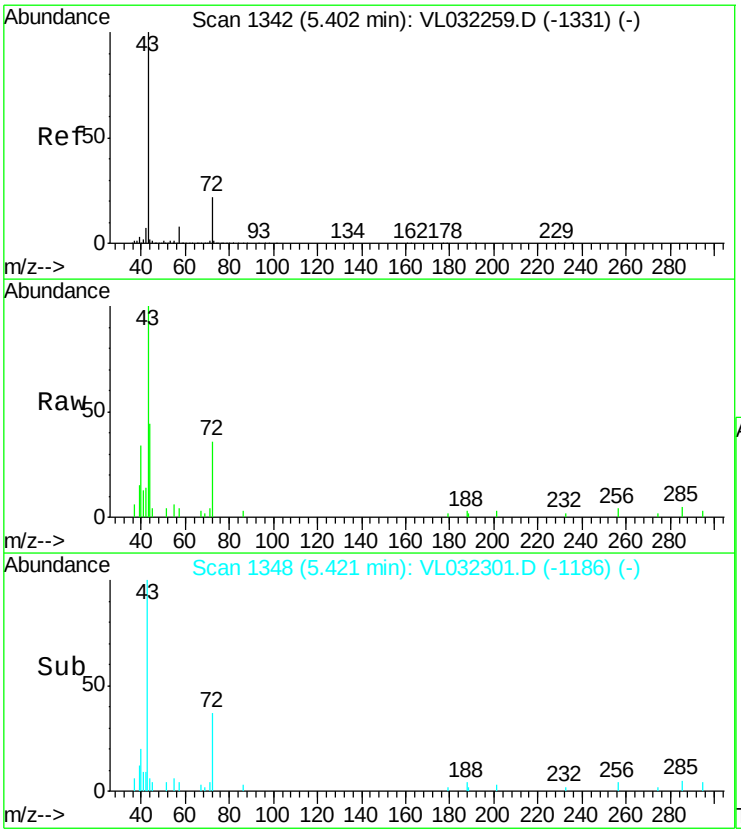
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1954
Delta R.T. -0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2943895

Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.6	33.8
88	19.2	15.2	22.8

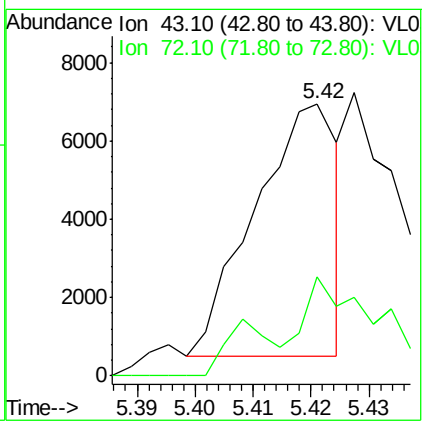


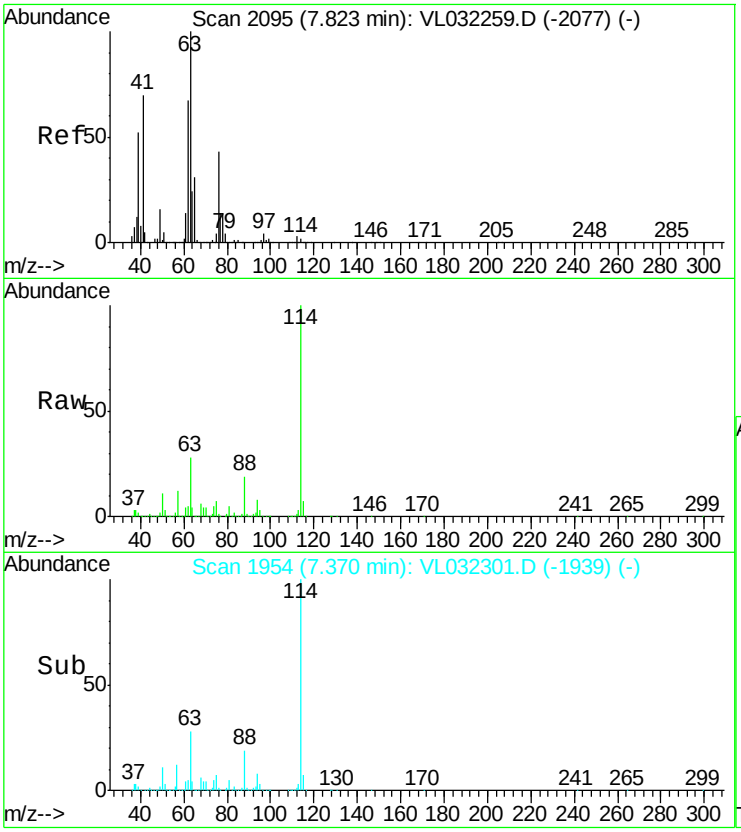


#34
2-Butanone
Concen: 0.032 ppbv
RT: 5.42 min Scan# 1348
Delta R.T. 0.02 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 43 Resp: 6378

Ion	Ratio	Lower	Upper
43	100		
72	54.4	17.7	26.5#



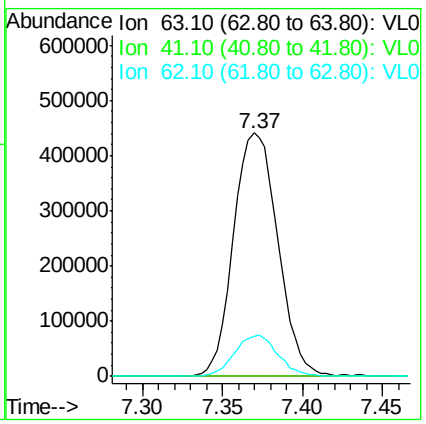


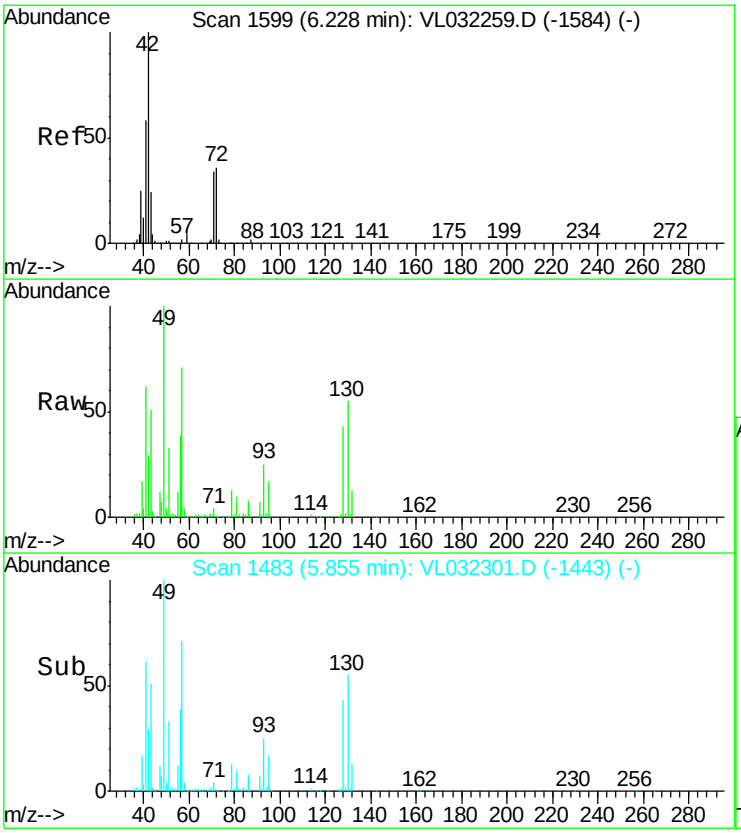
#39
1,2-Dichloropropane
Concen: 7.250 ppbv
RT: 7.37 min Scan# 1954
Delta R.T. -0.45 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 831731

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.8	83.6#
62	16.5	53.8	80.8#

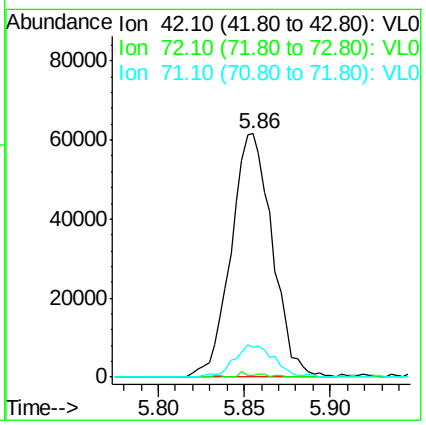


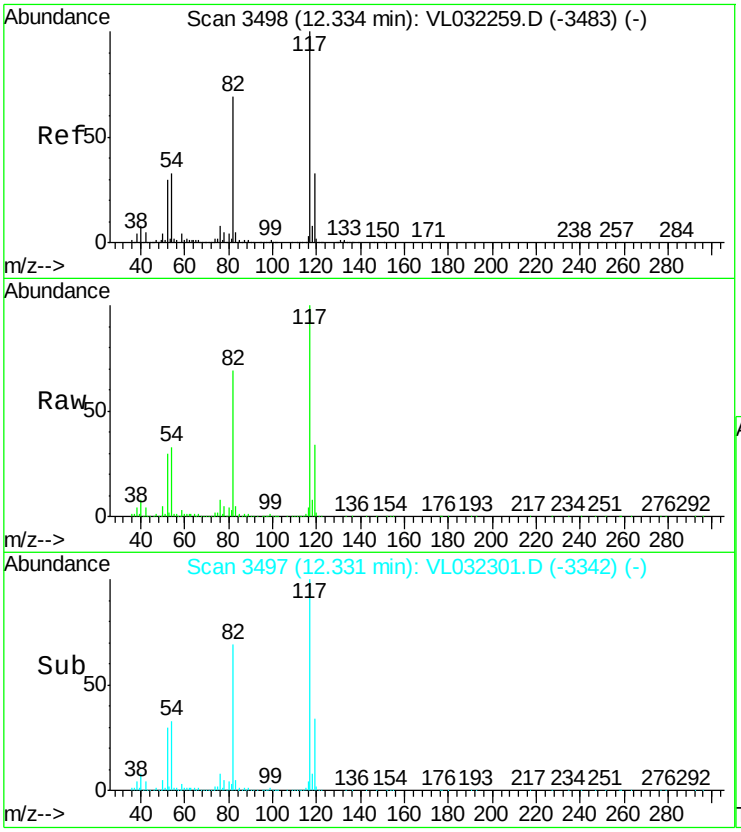


#41
Tetrahydrofuran
Concen: 0.871 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.37 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 42 Resp: 102603

Ion	Ratio	Lower	Upper
42	100		
72	1.2	29.4	44.0#
71	12.9	28.2	42.4#



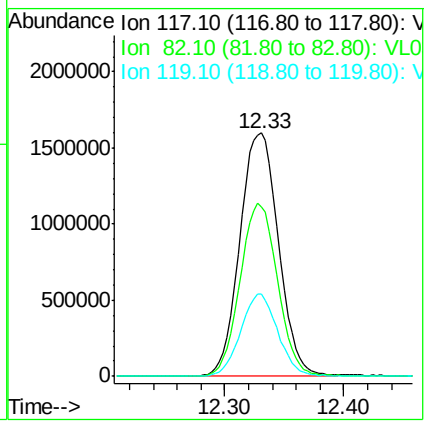


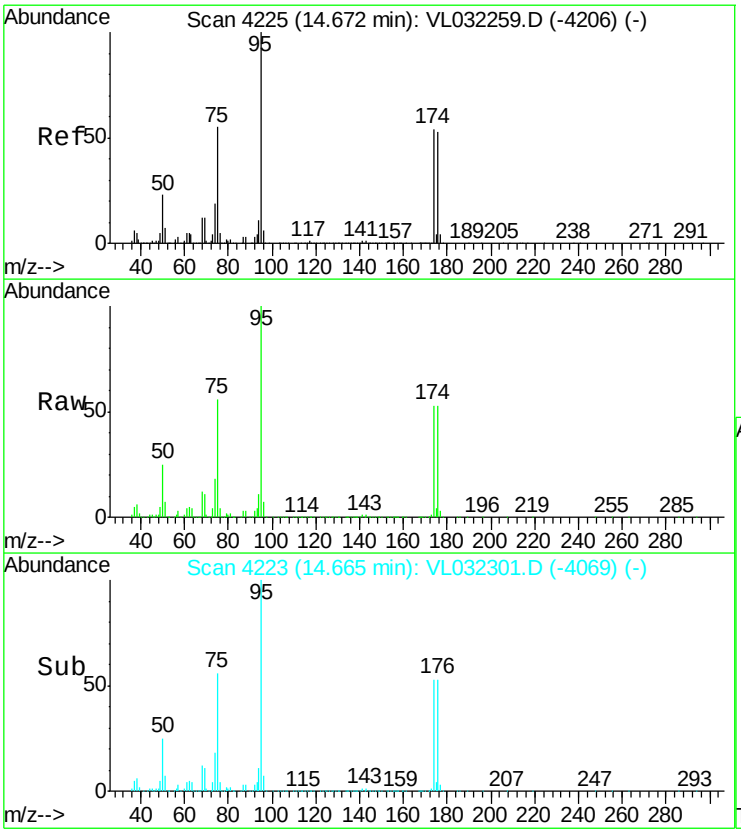
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3602847

Ion	Ratio	Lower	Upper
117	100		
82	69.7	53.9	80.9
119	32.6	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.502 ppbv
RT: 14.67 min Scan# 4223
Delta R.T. -0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion: 95 Resp: 2775502

Ion	Ratio	Lower	Upper
95	100		
174	55.7	44.3	66.5
175	4.0	3.3	4.9