Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080118\
Data File : VL032337.D
Acq On : 2 Aug 2018 00:38
Operator : SY/AP
Sample : J4235-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 02 02:23:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 27 07:05:37 2018
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1895581	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.36	114	4525020	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.31	117	4555709	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.66	95	3615435	10.22	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.11	85	7197	0.031	ppbv	94
3) Chlorodifluoromethane	3.05	51	16203	0.085	ppbv #	88
4) Chloromethane	3.21	50	6927	0.060	ppbv	91
9) Propene	3.07	41	3287	0.039	ppbv #	14
13) Ethanol	3.69	45	1084	0.044	ppbv #	37
15) Acetone	3.96	43	120366	0.674	ppbv	99
17) tert-Butyl alcohol	4.44	59	3426	0.060	ppbv #	73
19) Isopropyl Alcohol	4.10	45	13066	0.110	ppbv #	95
20) Methylene Chloride	4.47	84	27566	0.384	ppbv	91
25) Ethyl Acetate	5.84	43	52123	0.130	ppbv #	79
26) Hexane	5.84	57	64233	0.354	ppbv #	41
39) 1,2-Dichloropropane	7.36	63	1279609	6.377	ppbv #	28

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080118\
Data File : VL032337.D
Acq On : 2 Aug 2018 00:38
Operator : SY/AP
Sample : J4235-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072718AIR.M
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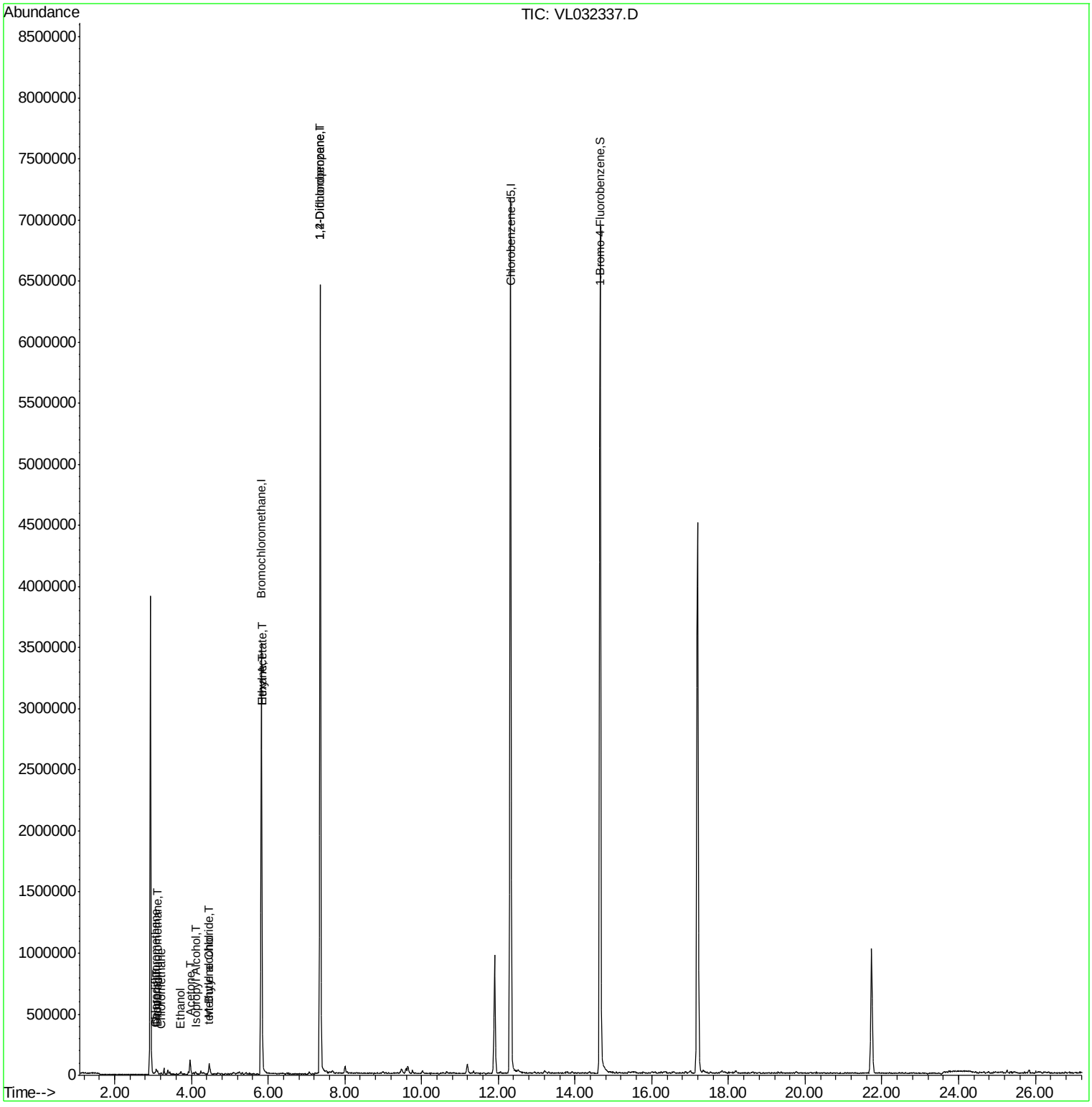
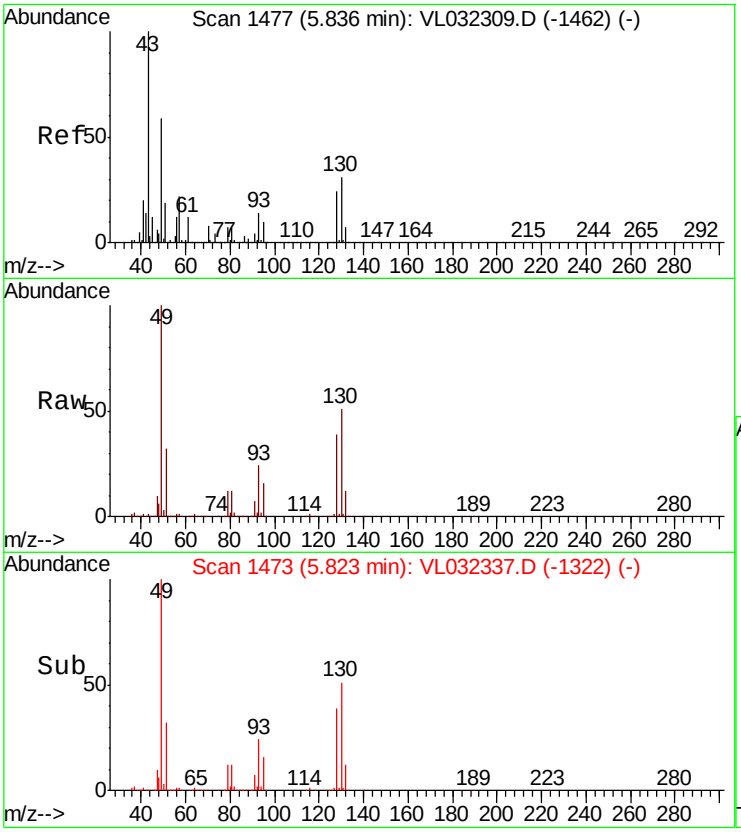


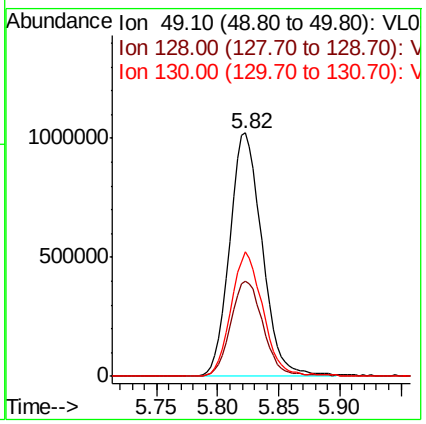


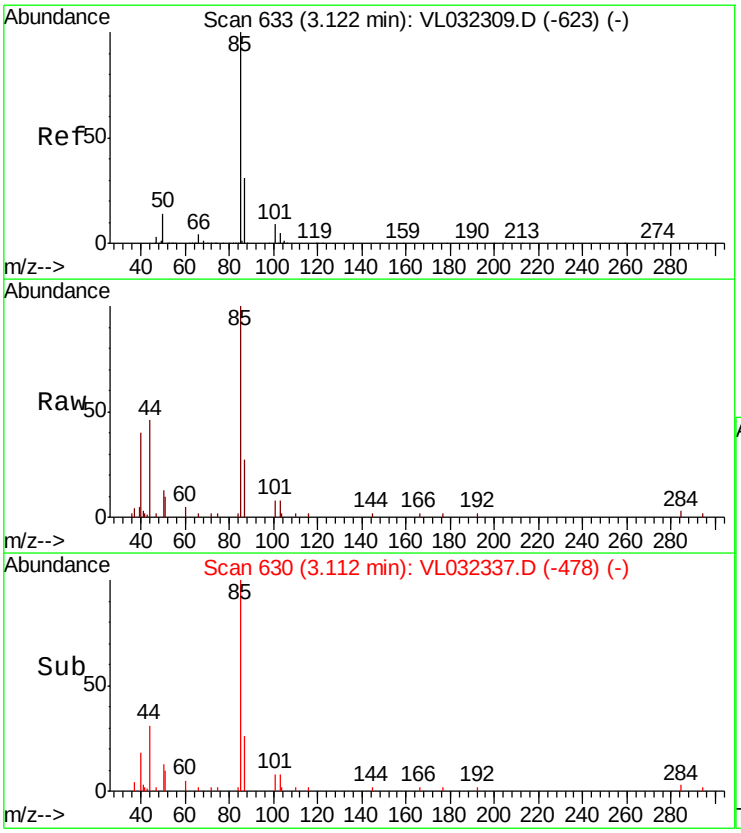
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1895581

Ion	Ratio	Lower	Upper
49	100		
128	39.6	20.2	60.6
130	50.5	25.8	77.3

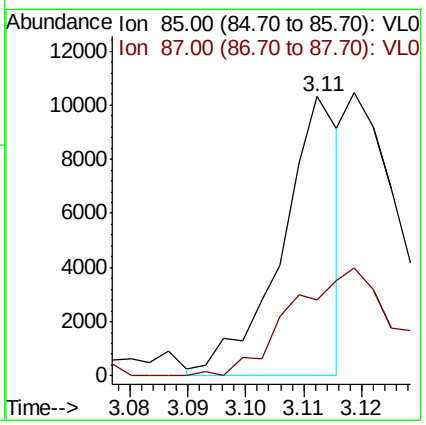


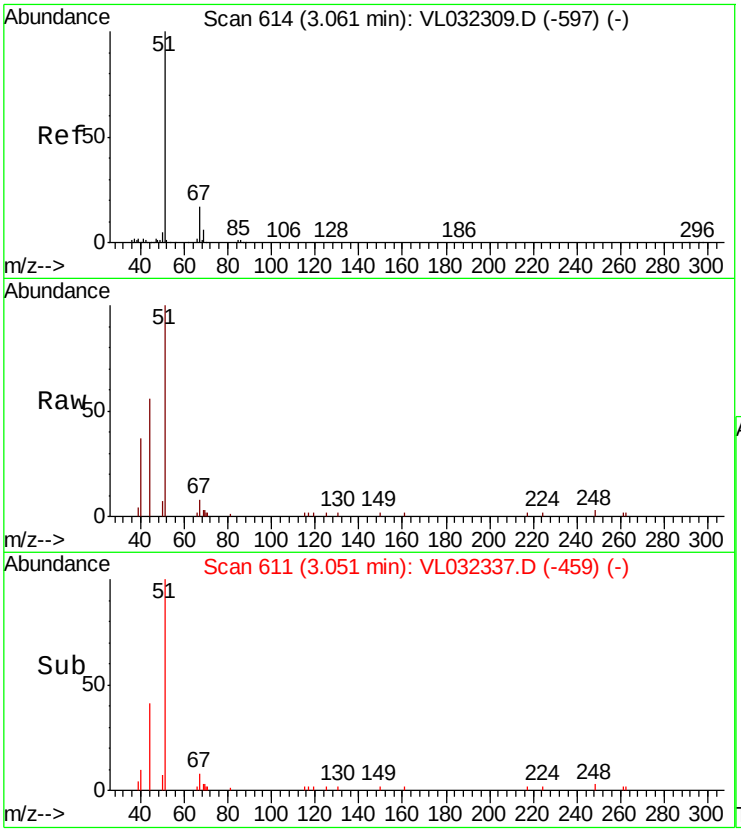


#2
Dichlorodifluoromethane
Concen: 0.031 ppbv
RT: 3.11 min Scan# 630
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 85 Resp: 7197

Ion	Ratio	Lower	Upper
85	100		
87	28.0	25.2	37.8



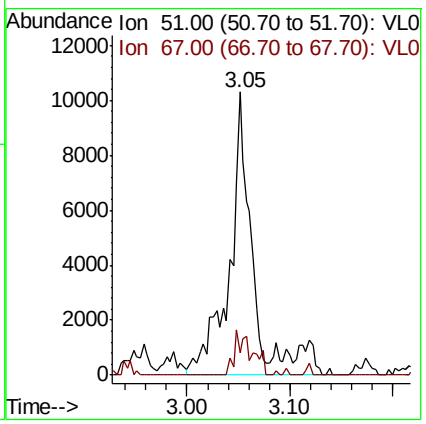


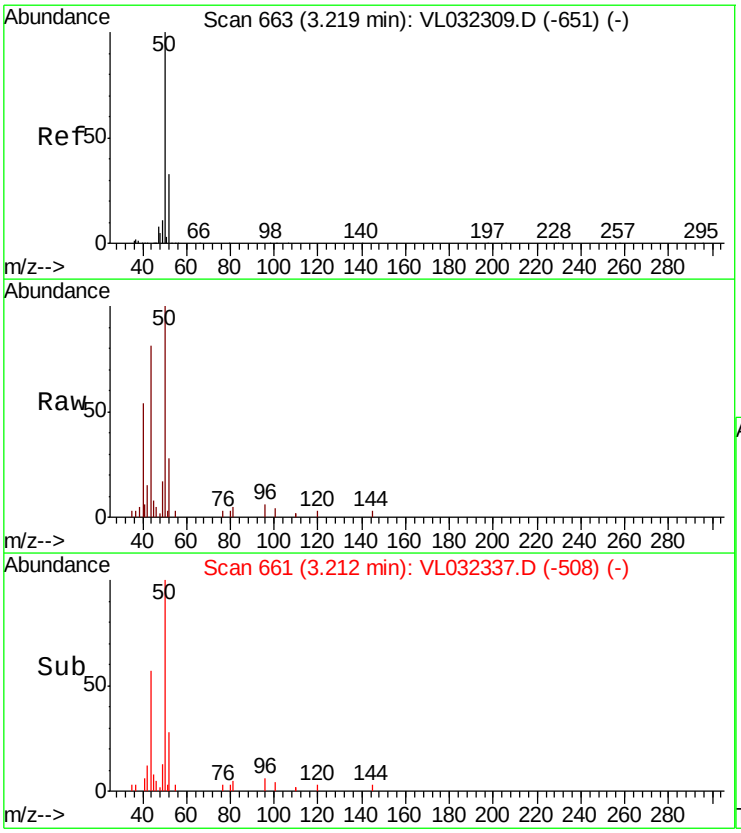
#3
Chlorodifluoromethane
Concen: 0.085 ppbv
RT: 3.05 min Scan# 611
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 16203

Ion	Ratio	Lower	Upper
51	100		
67	11.7	13.5	20.3#

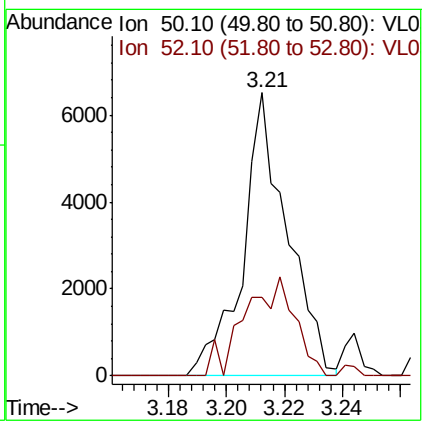


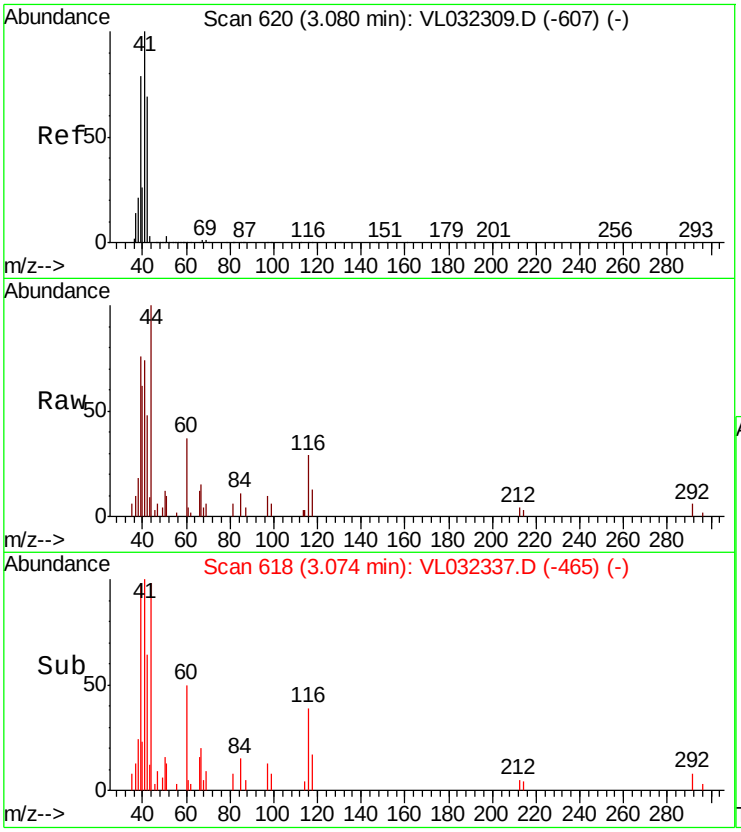


#4
Chloromethane
Concen: 0.060 ppbv
RT: 3.21 min Scan# 661
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 50 Resp: 6927

Ion	Ratio	Lower	Upper
50	100		
52	27.7	26.2	39.4



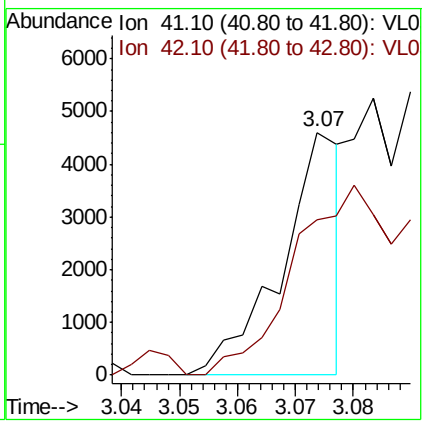


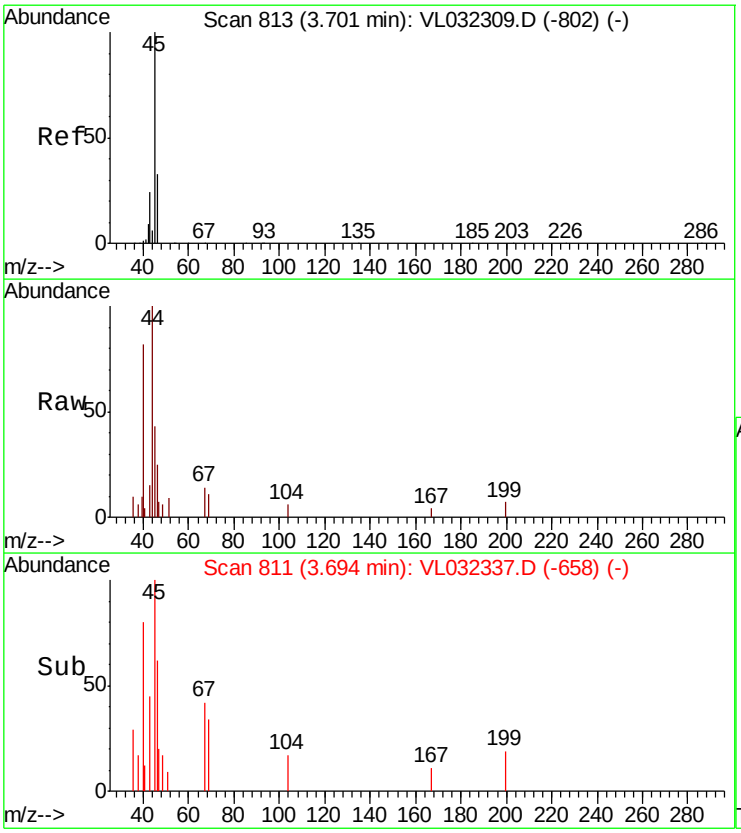
#9
Propene
Concen: 0.039 ppbv
RT: 3.07 min Scan# 618
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 3287

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.8	85.2#

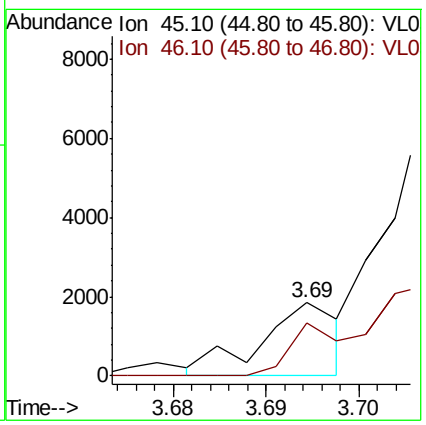


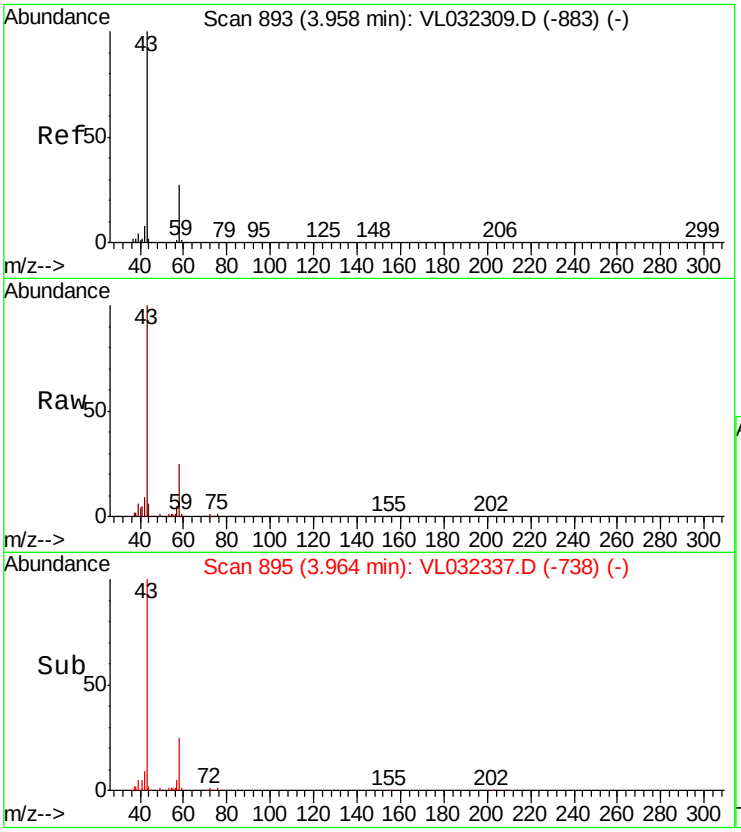


#13
Ethanol
Concen: 0.044 ppbv
RT: 3.69 min Scan# 811
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 45 Resp: 1084

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.2	60.6#

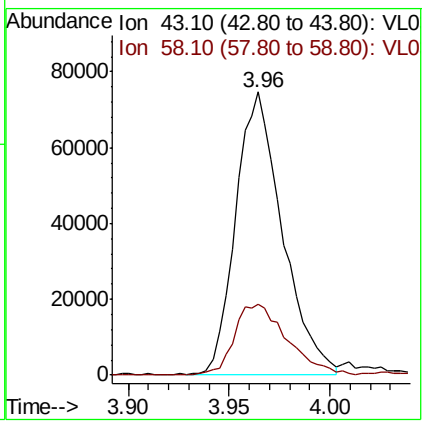




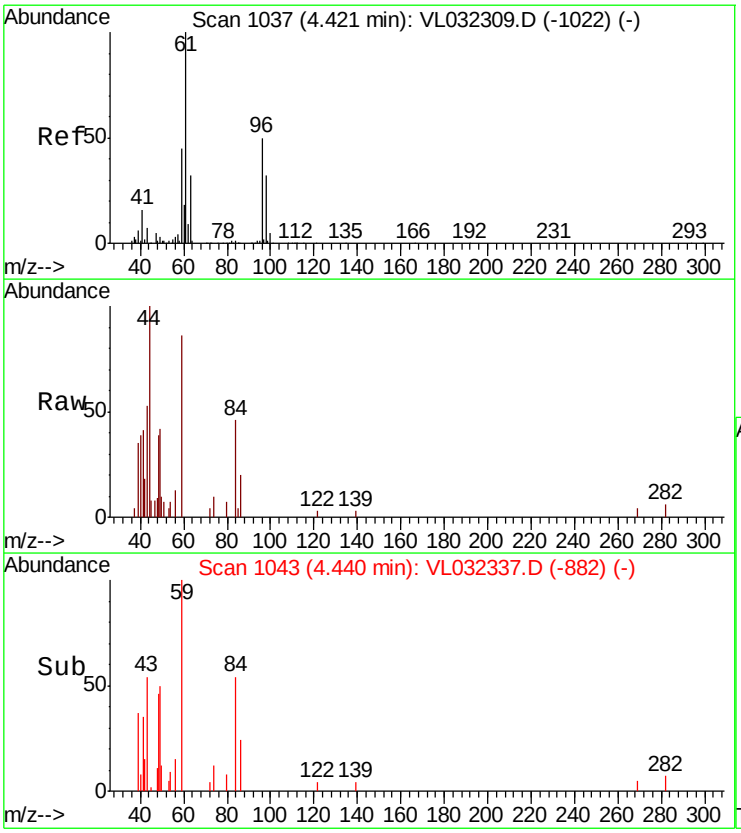
#15
Acetone
Concen: 0.674 ppbv
RT: 3.96 min Scan# 895
Delta R.T. 0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 43 Resp: 120366

Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.5	33.7



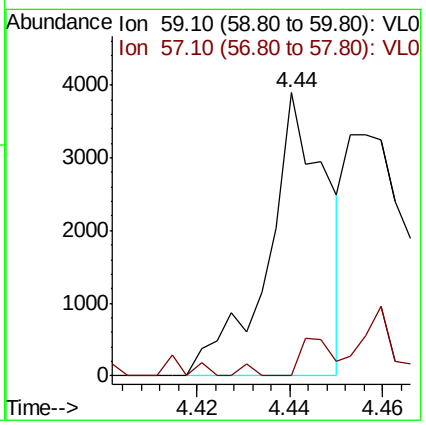
Instrument :
MSVOA_L
ClientSampleId :

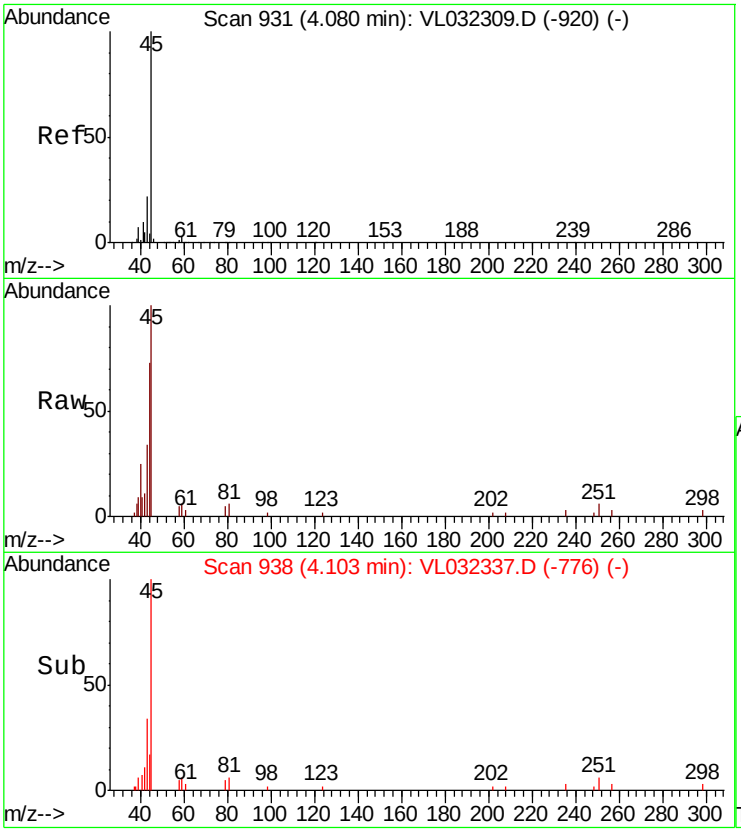


#17
tert-Butyl alcohol
Concen: 0.060 ppbv
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 59 Resp: 3426

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



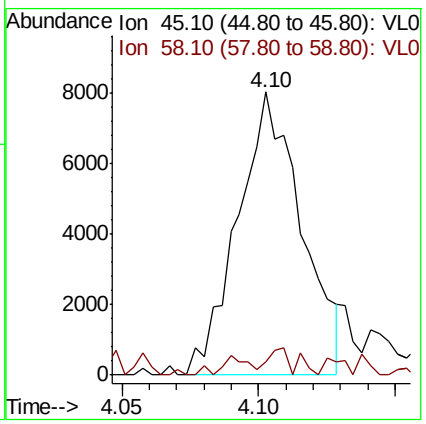


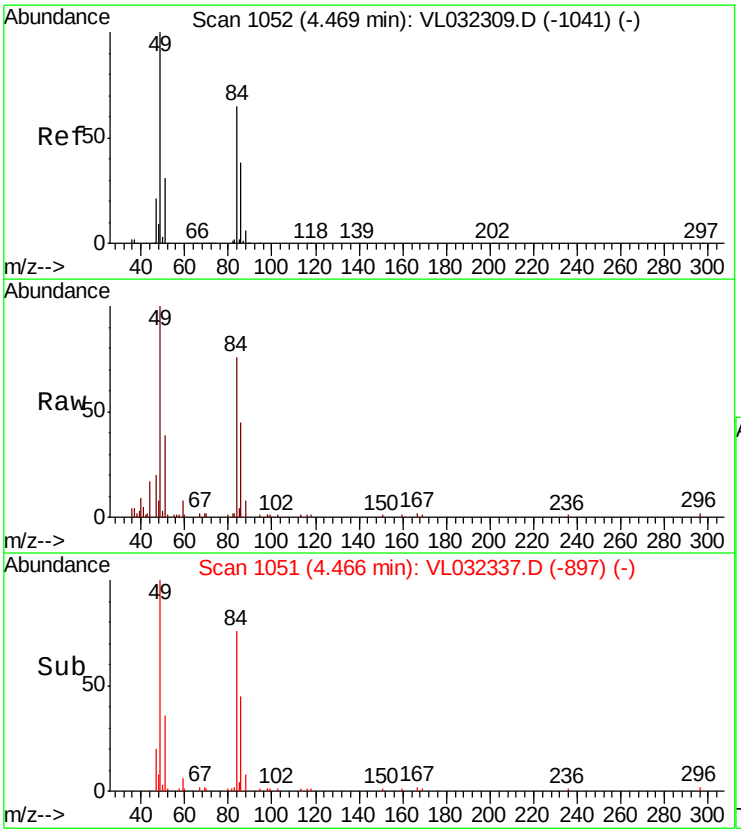
#19
Isopropyl Alcohol
Concen: 0.110 ppbv
RT: 4.10 min Scan# 938
Delta R.T. 0.02 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 13066

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#

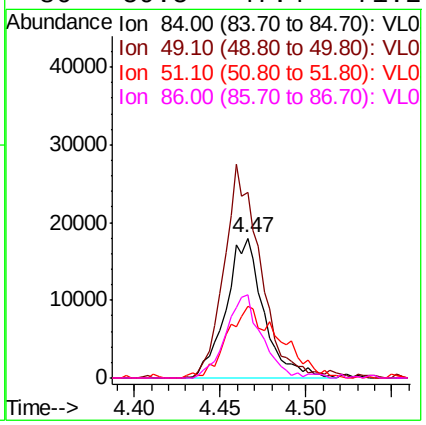


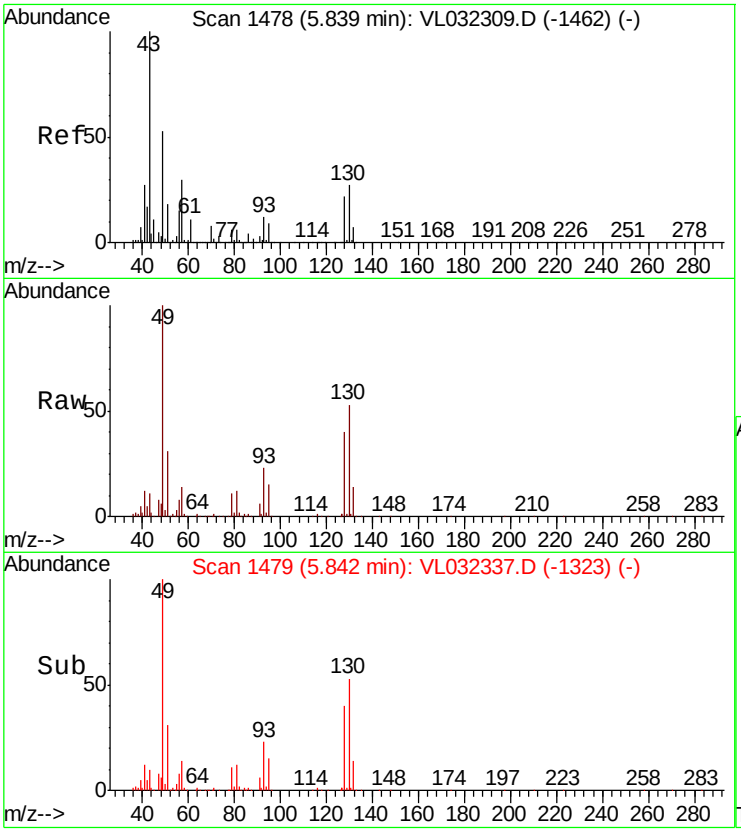


#20
Methylene Chloride
Concen: 0.384 ppbv
RT: 4.47 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 84 Resp: 27566

Ion	Ratio	Lower	Upper
84	100		
49	134.8	123.4	185.0
51	49.8	38.2	57.2
86	59.5	47.4	71.2



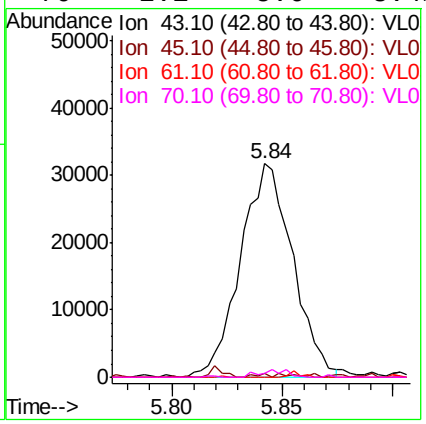


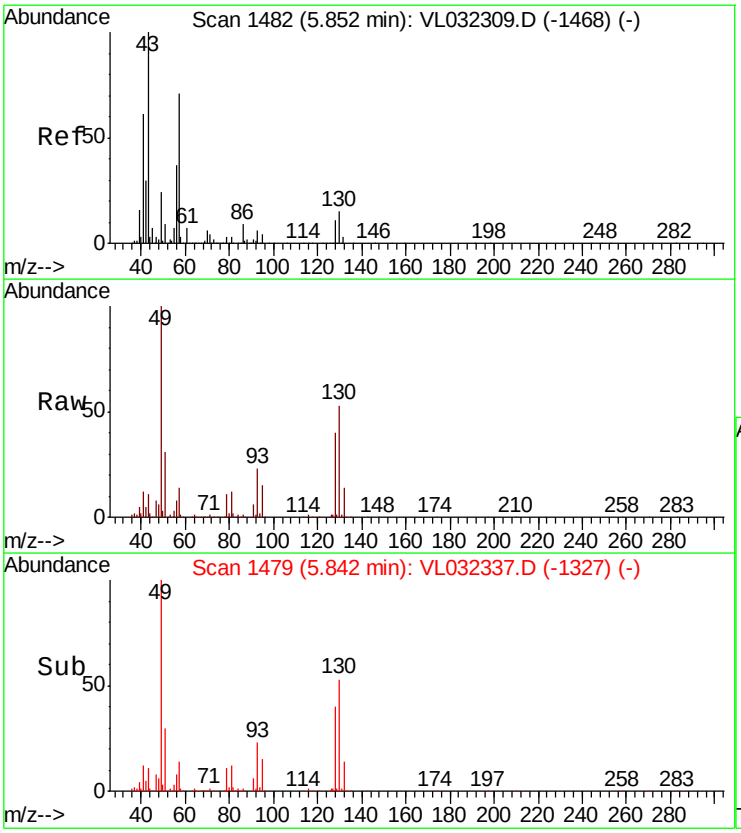
#25
Ethyl Acetate
Concen: 0.130 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 52123

Ion	Ratio	Lower	Upper
43	100		
45	1.1	8.1	12.1#
61	0.7	7.4	11.0#
70	2.1	5.6	8.4#

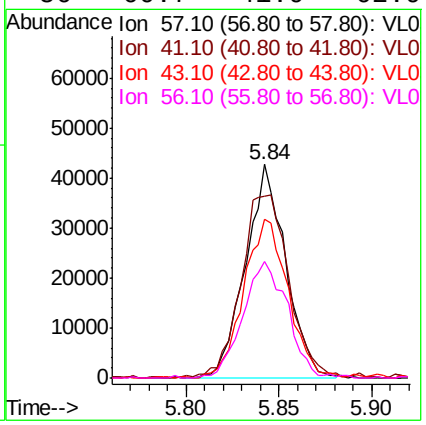


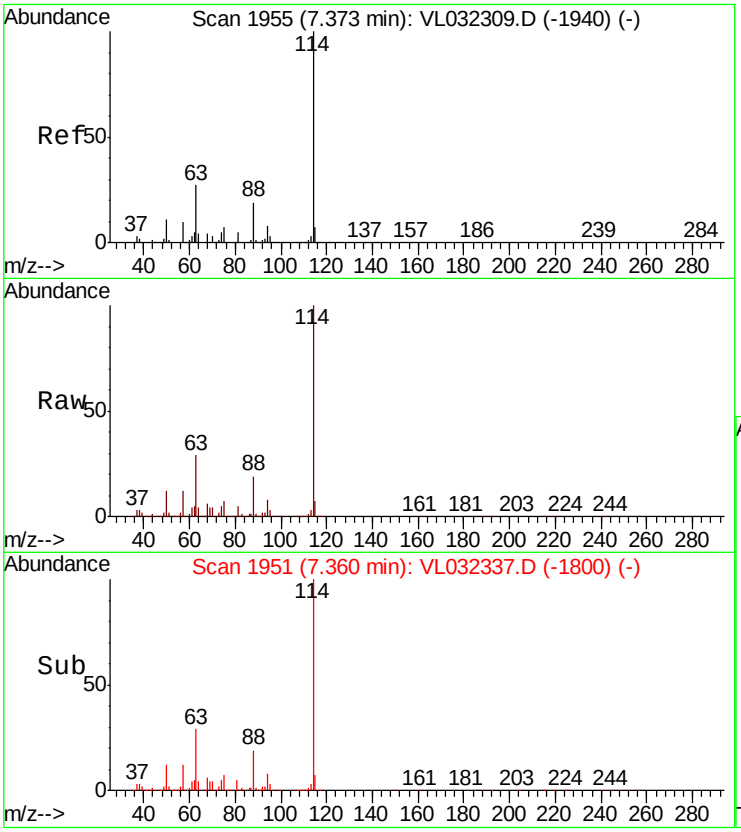


#26
Hexane
Concen: 0.354 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 57 Resp: 64233

Ion	Ratio	Lower	Upper
57	100		
41	103.4	68.1	102.1#
43	83.5	177.4	266.2#
56	60.7	41.9	62.9



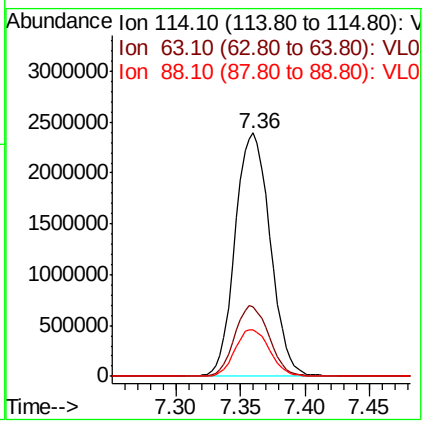


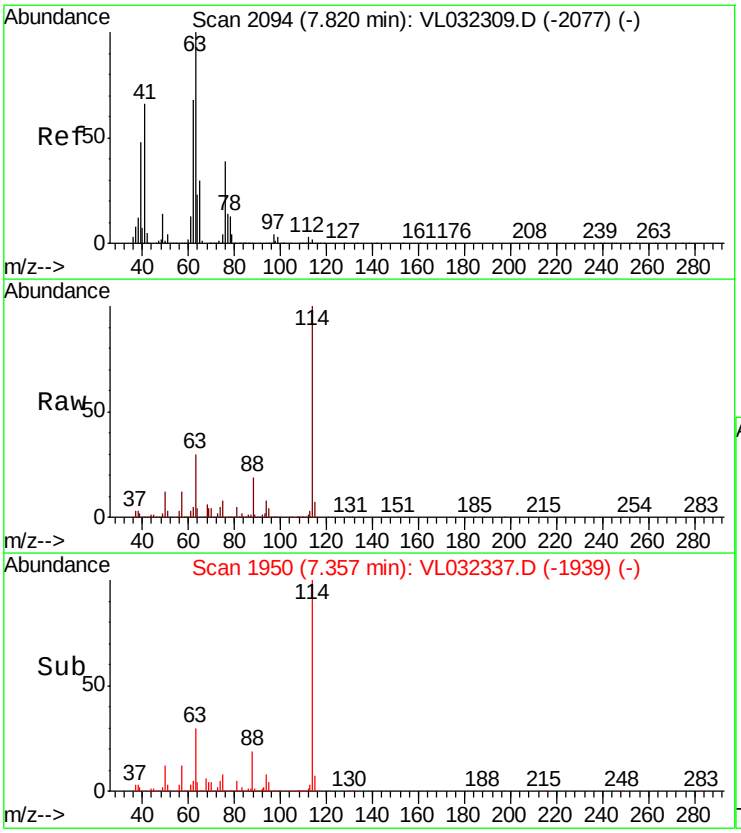
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.36 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4525020

Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.4	33.6
88	19.1	15.3	22.9

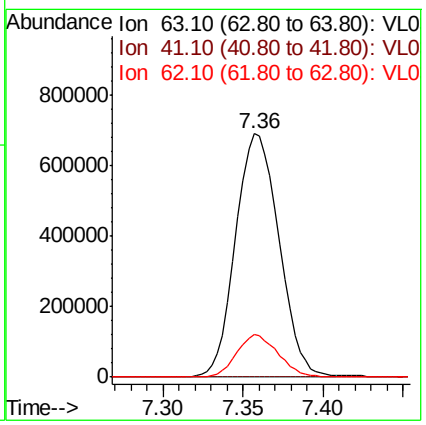


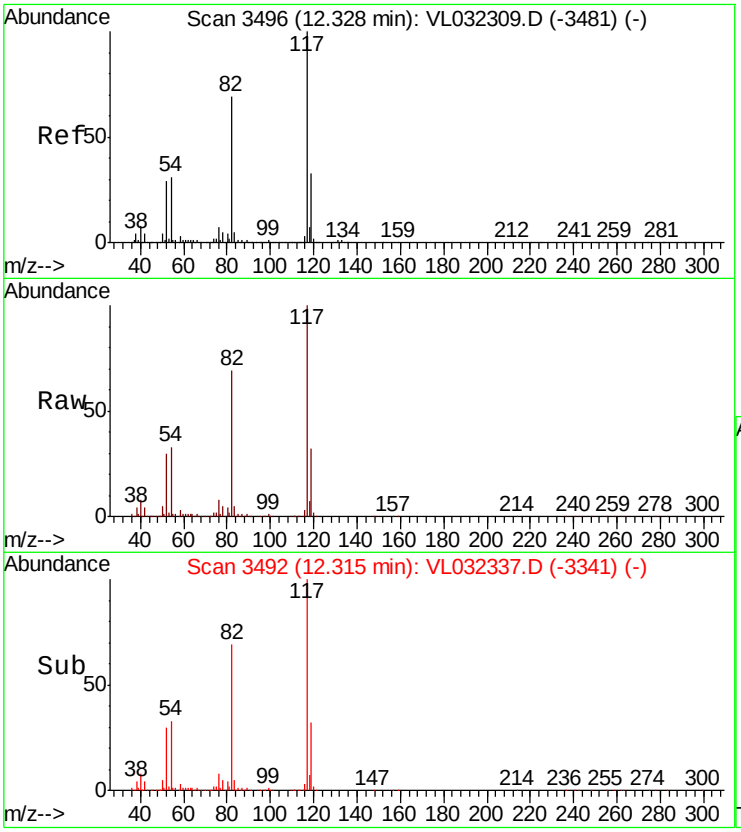


#39
1,2-Dichloropropane
Concen: 6.377 ppbv
RT: 7.36 min Scan# 1950
Delta R.T. -0.46 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 63 Resp: 1279609

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.5	78.7#
62	17.7	54.6	81.8#



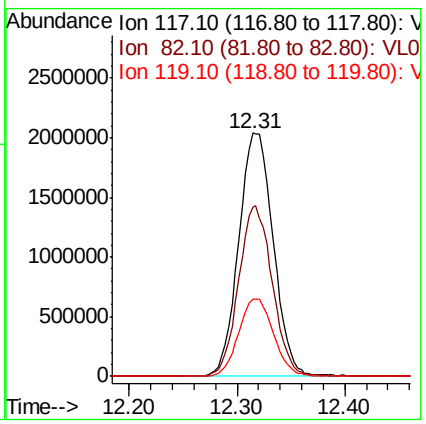


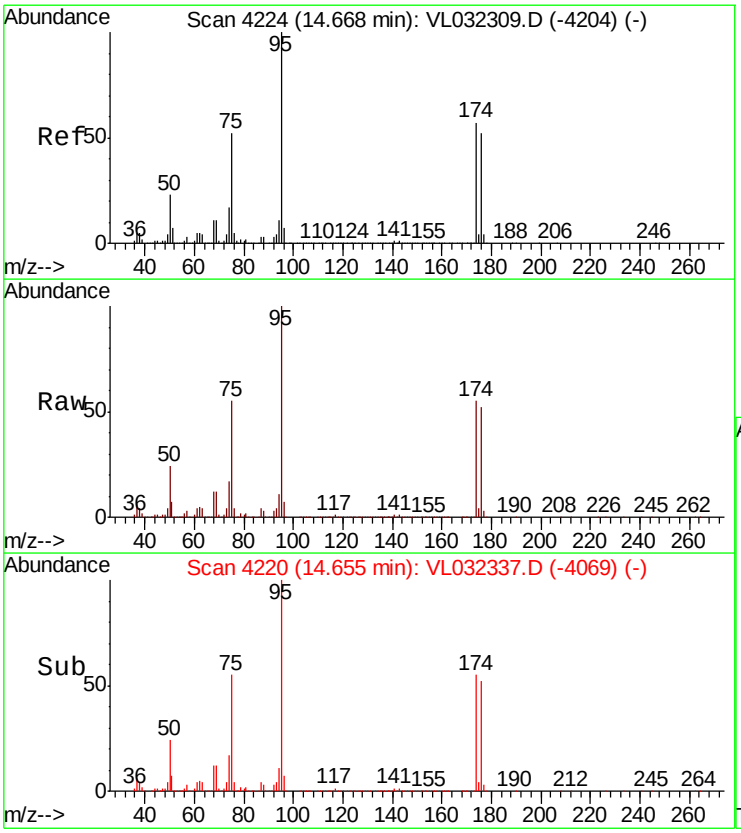
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3492
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4555709

Ion	Ratio	Lower	Upper
117	100		
82	68.4	52.6	78.8
119	32.4	25.7	38.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.224 ppbv
RT: 14.66 min Scan# 4220
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion: 95 Resp: 3615435

Ion	Ratio	Lower	Upper
95	100		
174	55.8	45.5	68.3
175	3.9	3.3	4.9