Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\

Quantitation Report (Not Reviewed)

Data File : VL032554.D
Acq On : 27 Sep 2018 17:59
Operator : SY/AP
Sample : J5136-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 239-LODGEDL

Quant Time: Sep 28 02:08:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1408927	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3122015	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3331445	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2329876	9.27	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	9752	0.075	ppbv		100
3) Chlorodifluoromethane	3.03	51	160742	1.372	ppbv		100
9) Propene	3.41	41	1907	0.038	ppbv		98
13) Ethanol	3.68	45	28642	1.874	ppbv		87
15) Acetone	3.93	43	125739	1.017	ppbv		96
17) tert-Butyl alcohol	4.40	59	3498	0.225	ppbv	#	100
19) Isopropyl Alcohol	4.07	45	5306	0.062	ppbv	#	93
20) Methylene Chloride	4.43	84	106439	1.777	ppbv		100
25) Ethyl Acetate	5.81	43	38023	0.127	ppbv	#	82
26) Hexane	5.80	57	24074	0.178	ppbv	#	1
27) Carbon Disulfide	4.65	76	5197	0.036	ppbv	#	9
30) Cyclohexane	7.30	84	5066	0.046	ppbv	#	1
34) 2-Butanone	5.37	43	30639	0.165	ppbv		91
39) 1,2-Dichloropropane	7.32	63	853878	7.510	ppbv	#	25

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

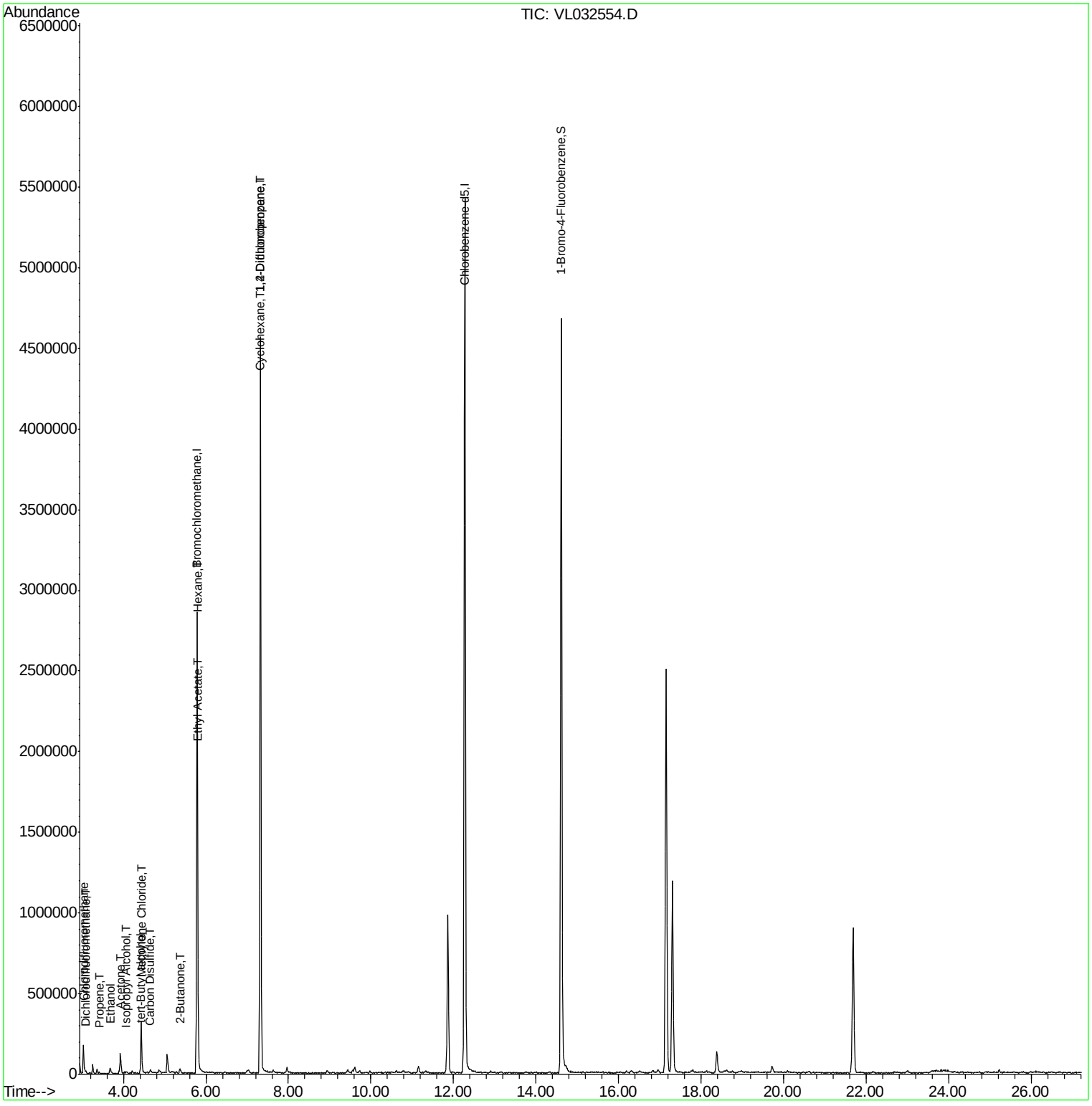
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\

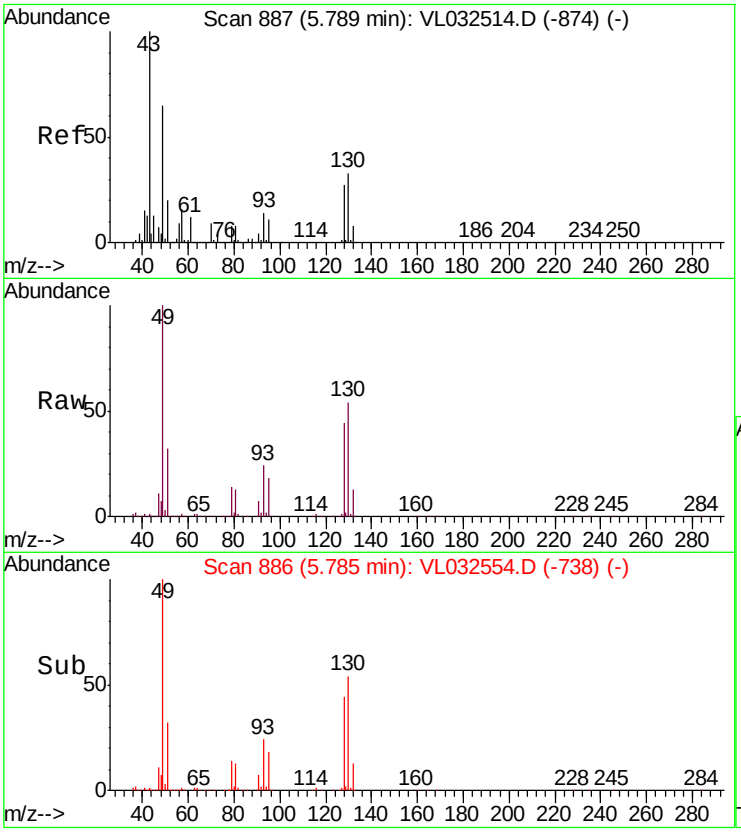
Quantitation Report (Not Reviewed)

Data File : VL032554.D
Acq On : 27 Sep 2018 17:59
Operator : SY/AP
Sample : J5136-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 239-LODGEDL

Quant Time: Sep 28 02:08:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration



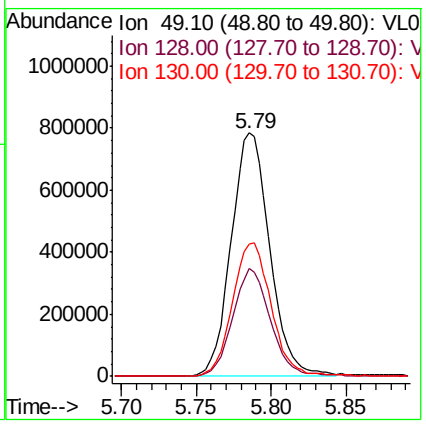


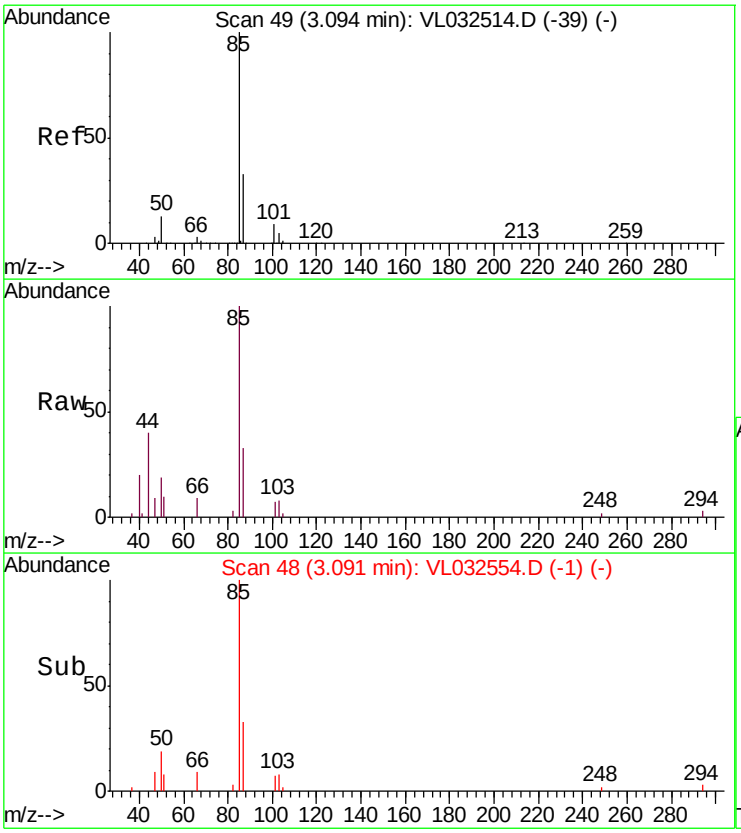
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion: 49 Resp: 1408927

Ion	Ratio	Lower	Upper
49	100		
128	43.9	20.7	62.1
130	55.4	26.6	79.7

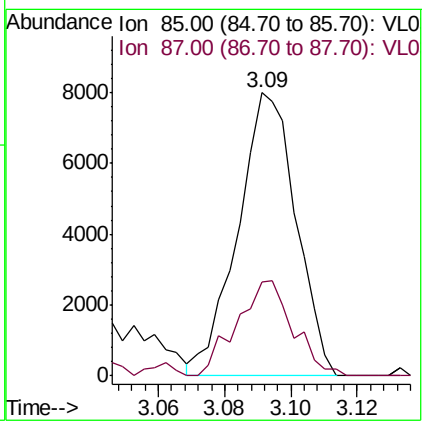


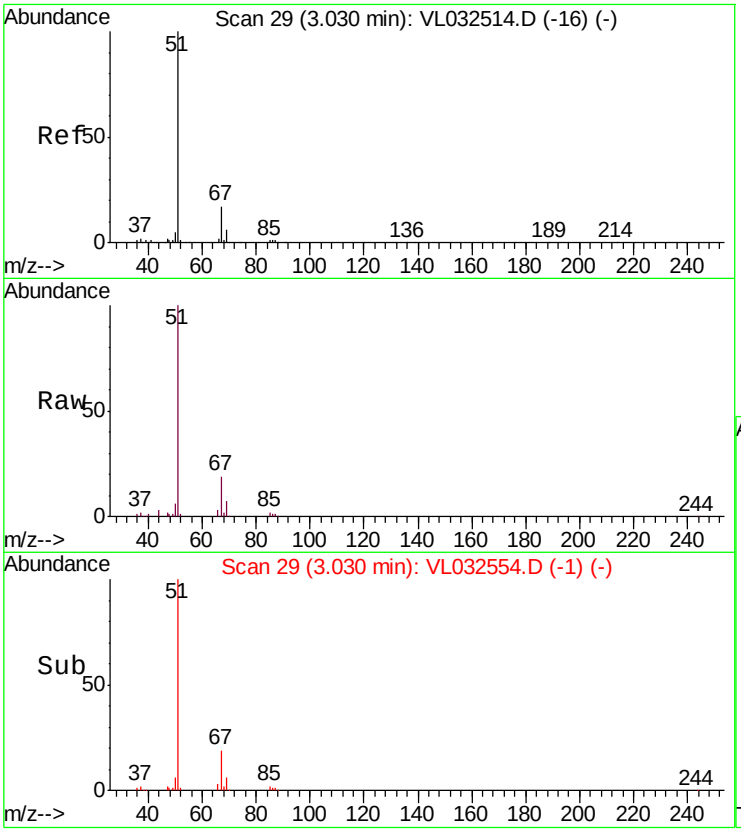


#2
Dichlorodifluoromethane
Concen: 0.075 ppbv
RT: 3.09 min Scan# 48
Delta R.T. -0.02 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 85 Resp: 9752

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.2	39.4

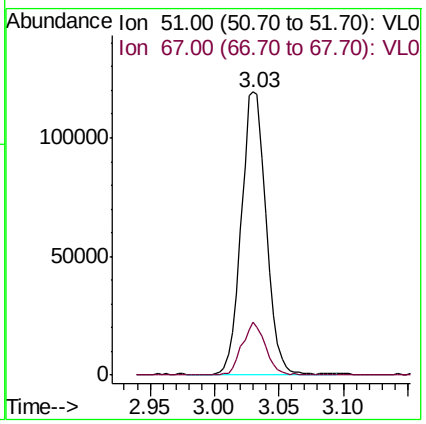




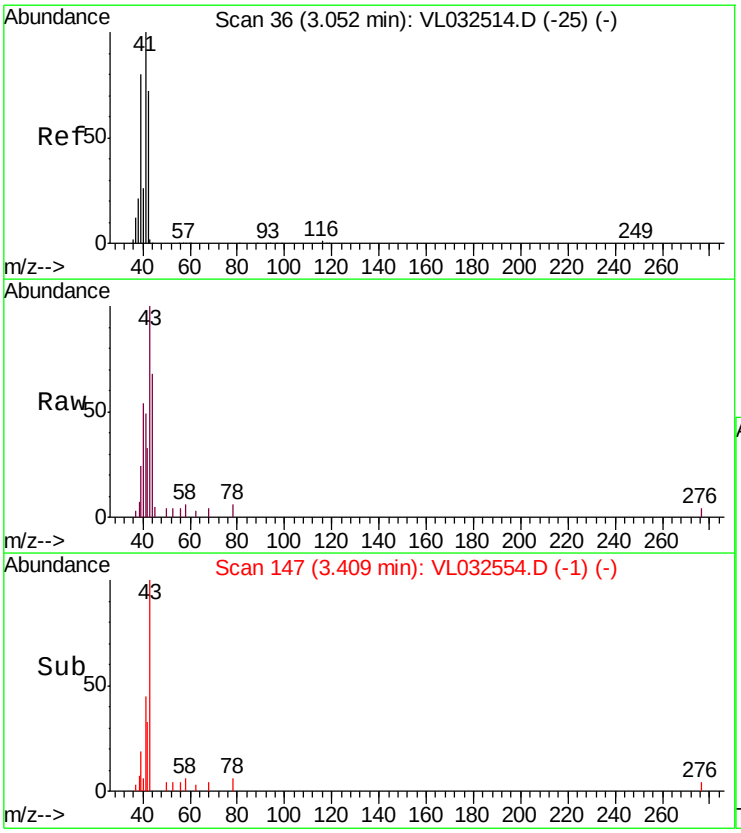
#3
Chlorodifluoromethane
Concen: 1.372 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 51 Resp: 160742

Ion	Ratio	Lower	Upper
51	100		
67	17.4	13.8	20.8



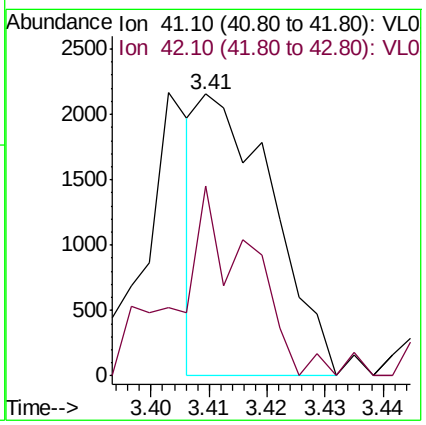
Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

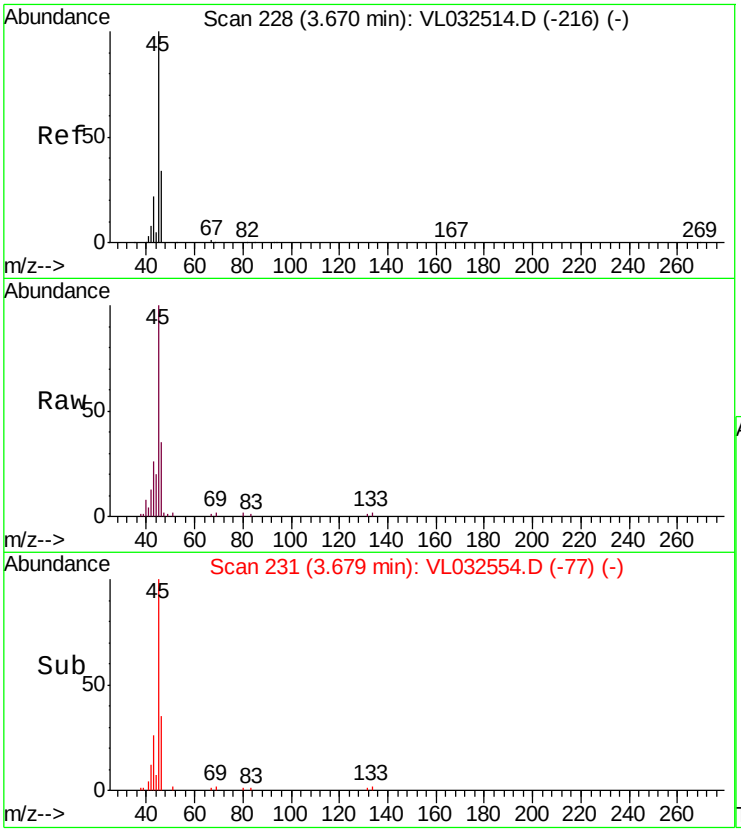


#9
Propene
Concen: 0.038 ppbv
RT: 3.41 min Scan# 147
Delta R.T. 0.34 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 41 Resp: 1907

Ion	Ratio	Lower	Upper
41	100		
42	69.3	56.6	84.8



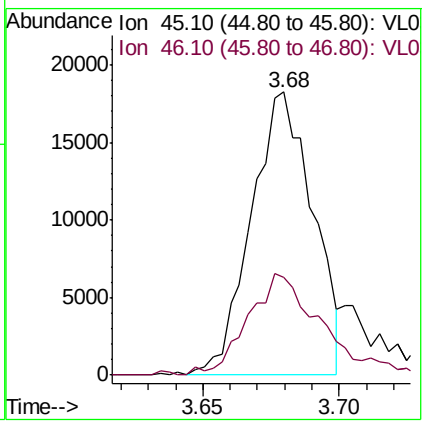


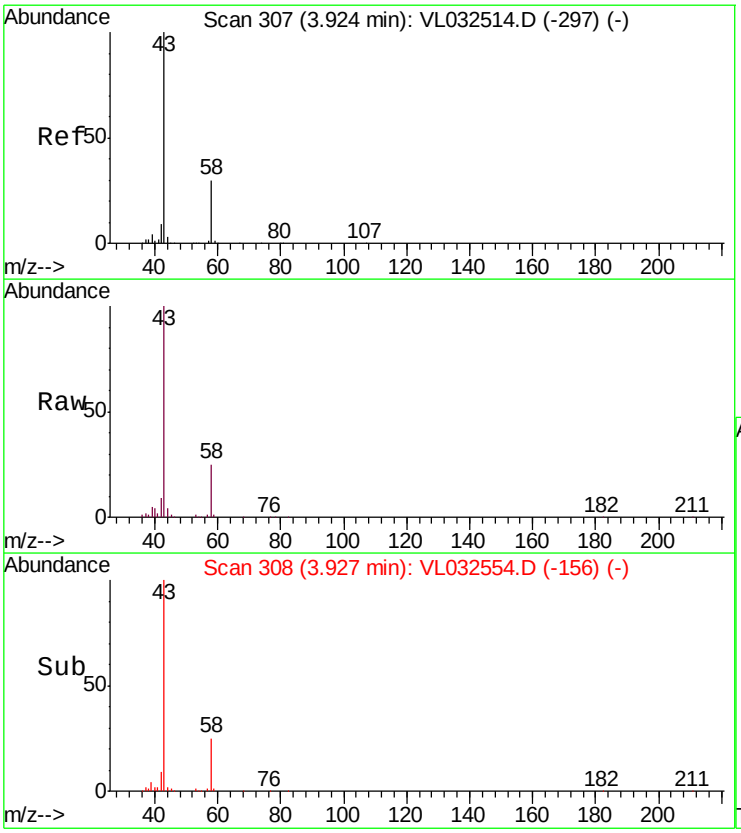
#13
Ethanol
Concen: 1.874 ppbv
RT: 3.68 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument : MSVOA_L
ClientSampleId : 239-LODGEDL

Tgt Ion: 45 Resp: 28642

Ion	Ratio	Lower	Upper
45	100		
46	43.1	14.2	56.8

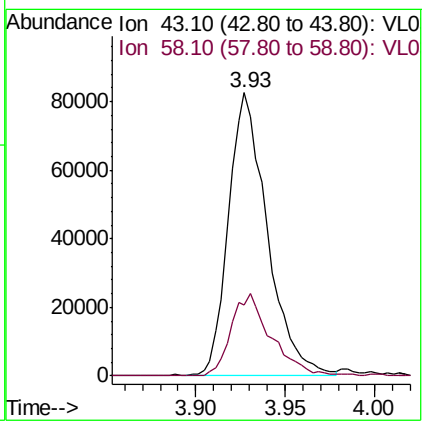


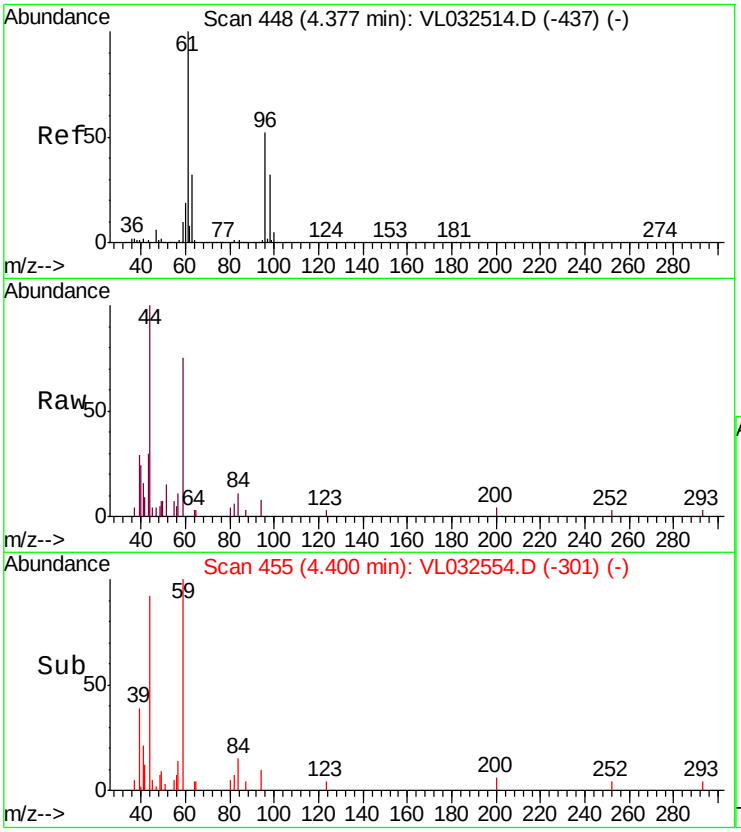


#15
Acetone
Concen: 1.017 ppbv
RT: 3.93 min Scan# 308
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 43 Resp: 125739

Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.6	33.8



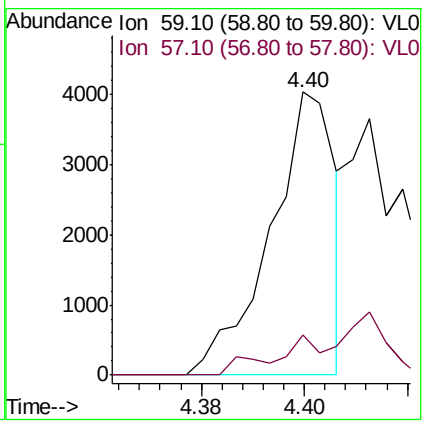


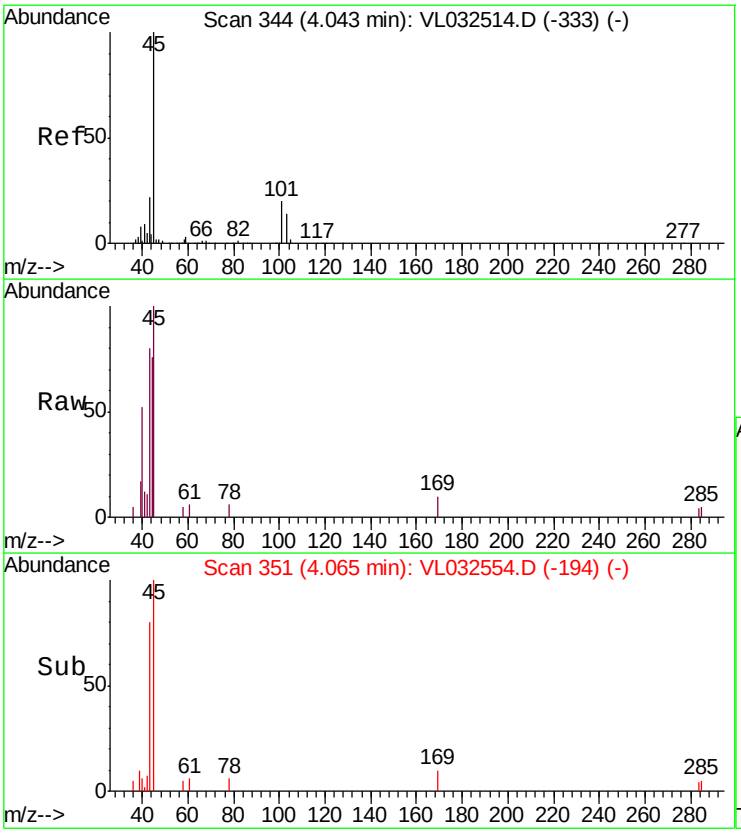
#17
tert-Butyl alcohol
Concen: 0.225 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion: 59 Resp: 3498

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

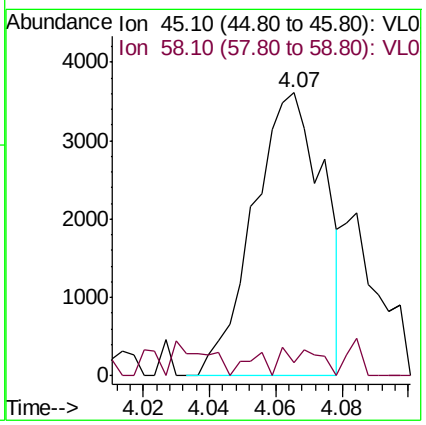


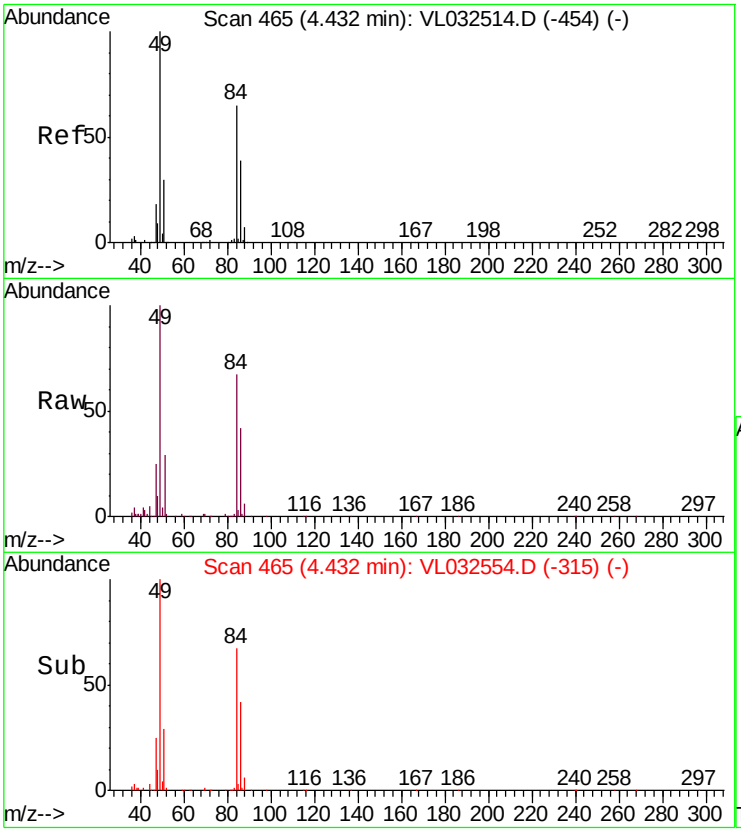


#19
Isopropyl Alcohol
Concen: 0.062 ppbv
RT: 4.07 min Scan# 351
Delta R.T. 0.00 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 45 Resp: 5306

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



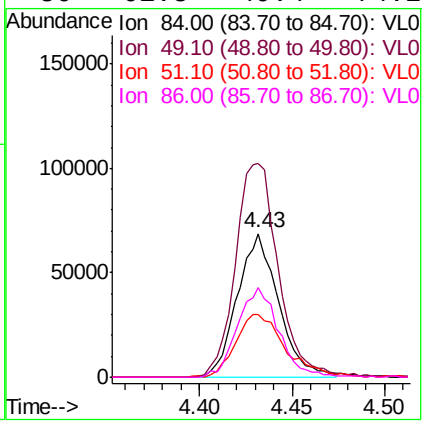


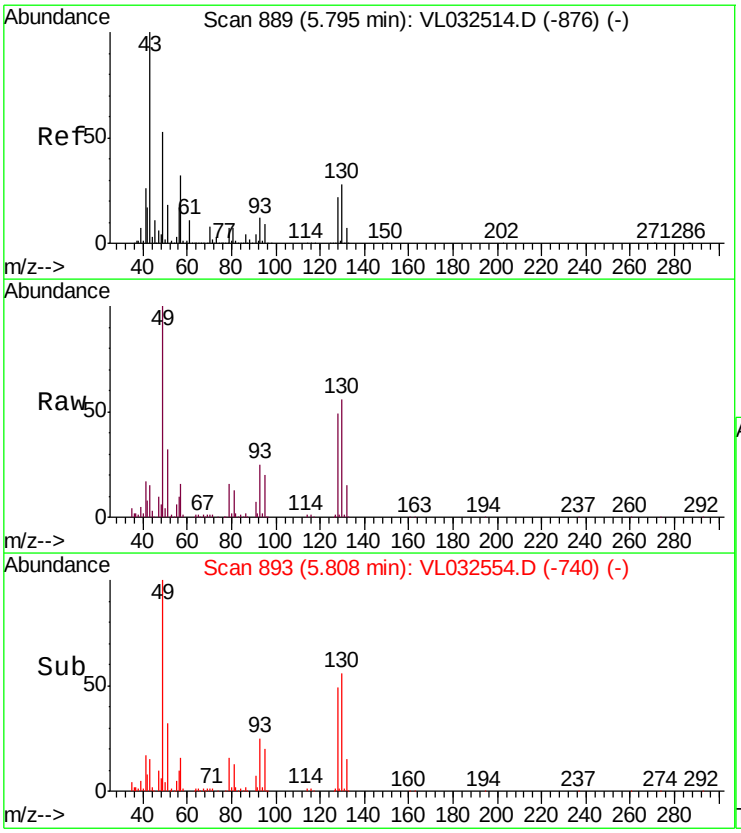
#20
Methylene Chloride
Concen: 1.777 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument : MSVOA_L
ClientSampleId : 239-LODGEDL

Tgt Ion: 84 Resp: 106439

Ion	Ratio	Lower	Upper
84	100		
49	148.2	119.1	178.7
51	44.2	35.2	52.8
86	61.8	49.4	74.2

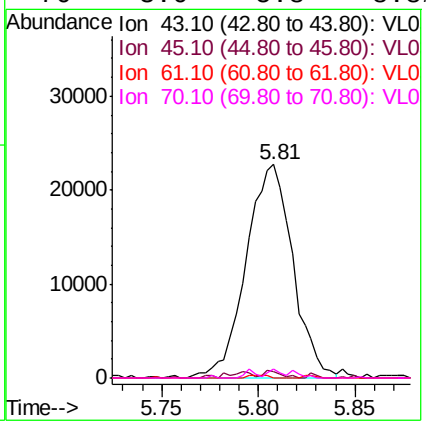


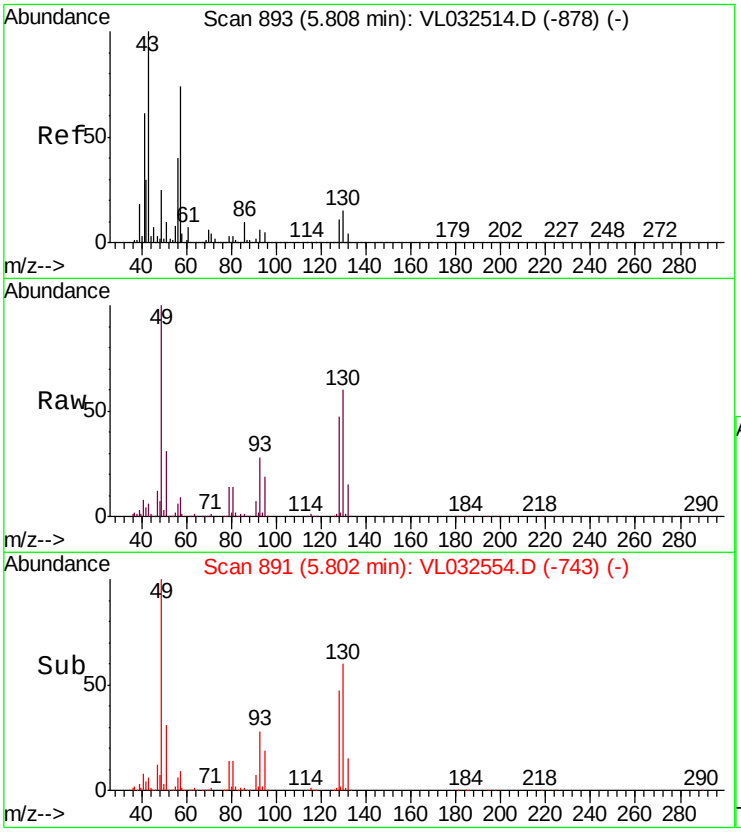


#25
Ethyl Acetate
Concen: 0.127 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 43 Resp: 38023

Ion	Ratio	Lower	Upper
43	100		
45	3.5	8.0	12.0#
61	0.9	7.6	11.4#
70	3.0	5.8	8.8#



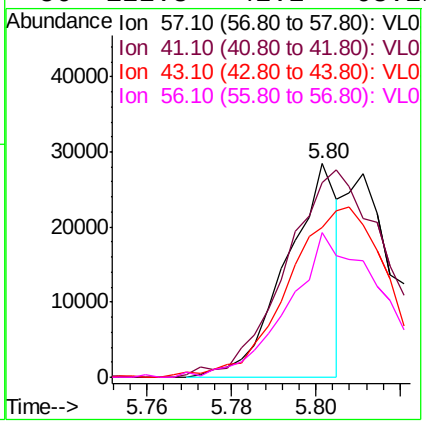


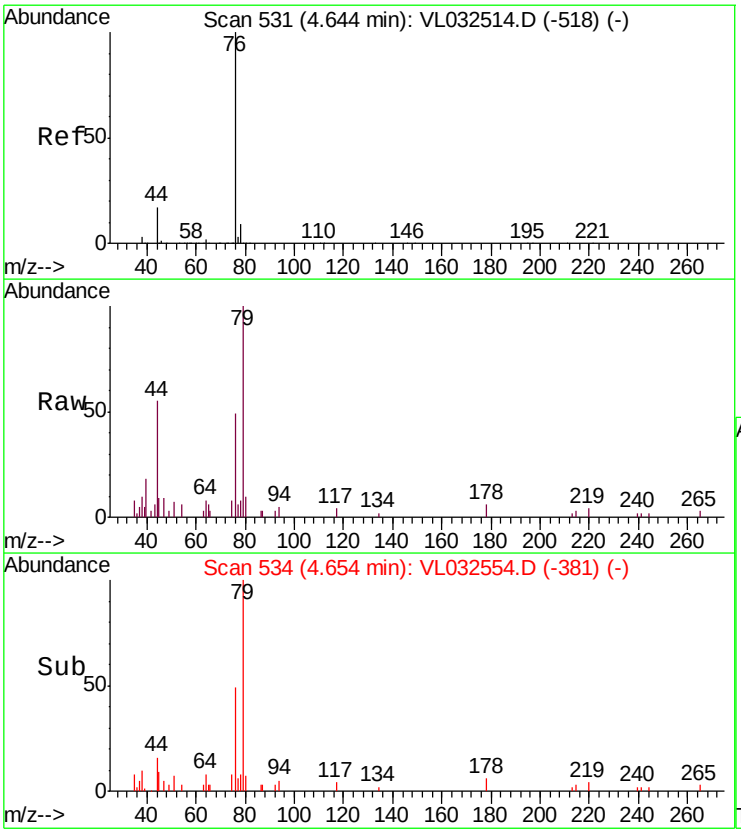
#26
Hexane
Concen: 0.178 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument : MSVOA_L
ClientSampleId : 239-LODGEDL

Tgt Ion: 57 Resp: 24074

Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.0	103.4#
43	0.0	172.1	258.1#
56	122.8	42.2	63.2#

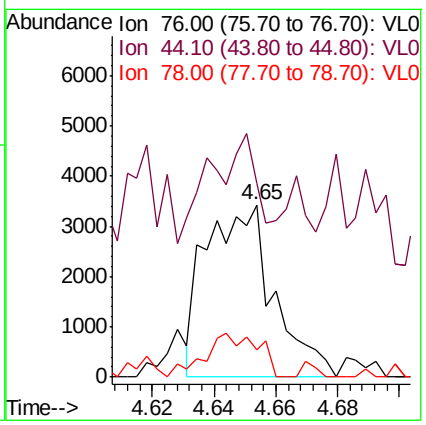


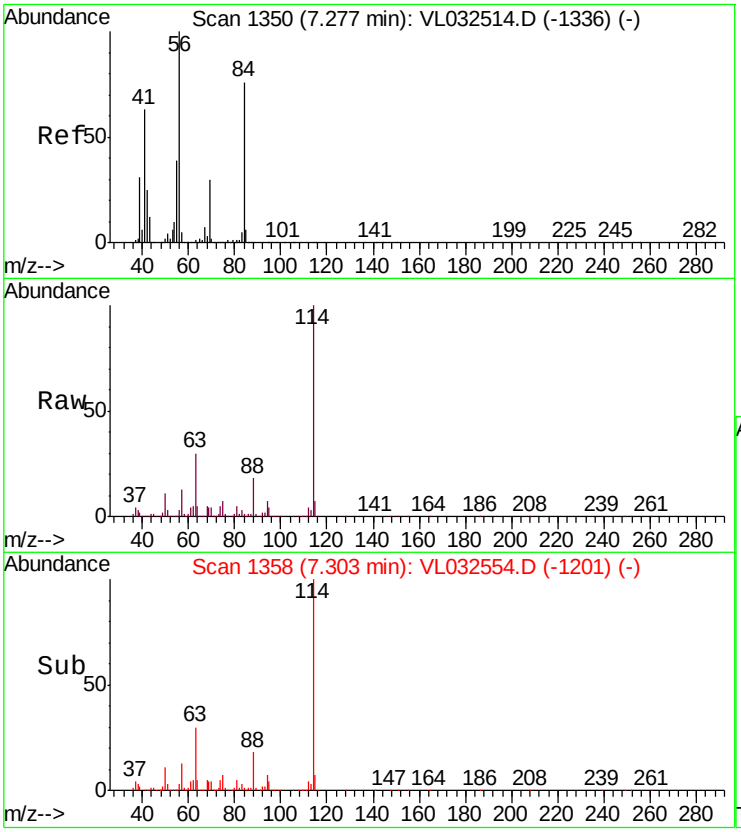


#27
Carbon Disulfide
Concen: 0.036 ppbv
RT: 4.65 min Scan# 534
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 76 Resp: 5197

Ion	Ratio	Lower	Upper
76	100		
44	67.8	14.0	21.0#
78	26.6	7.5	11.3#



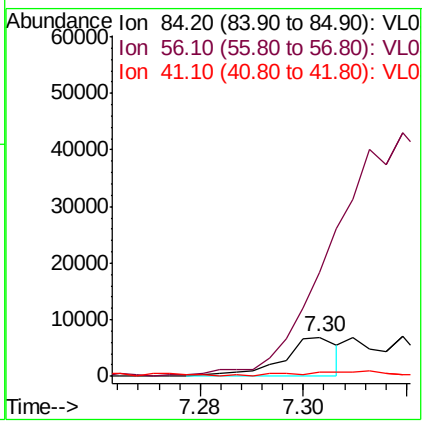


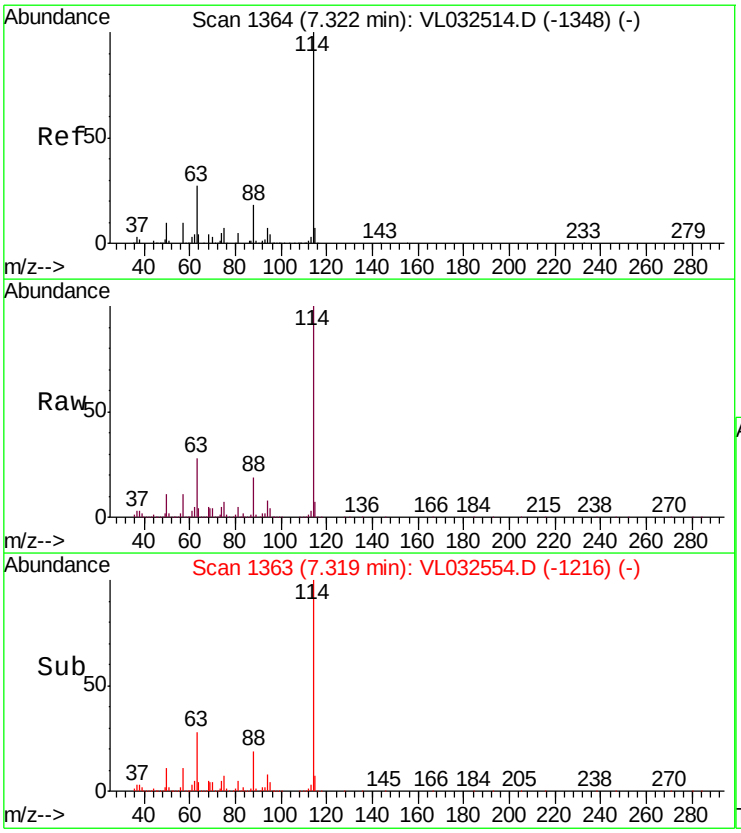
#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument : MSVOA_L
ClientSampleId : 239-LODGEDL

Tgt Ion: 84 Resp: 5066

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.5	170.3#
41	14.5	68.1	102.1#

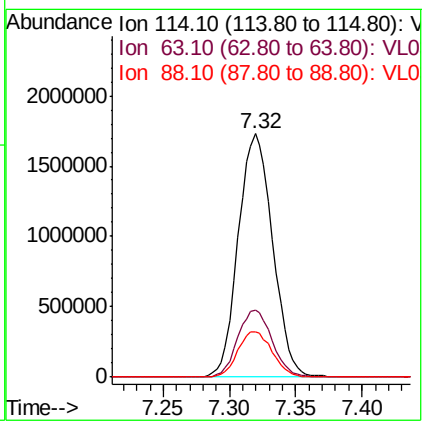


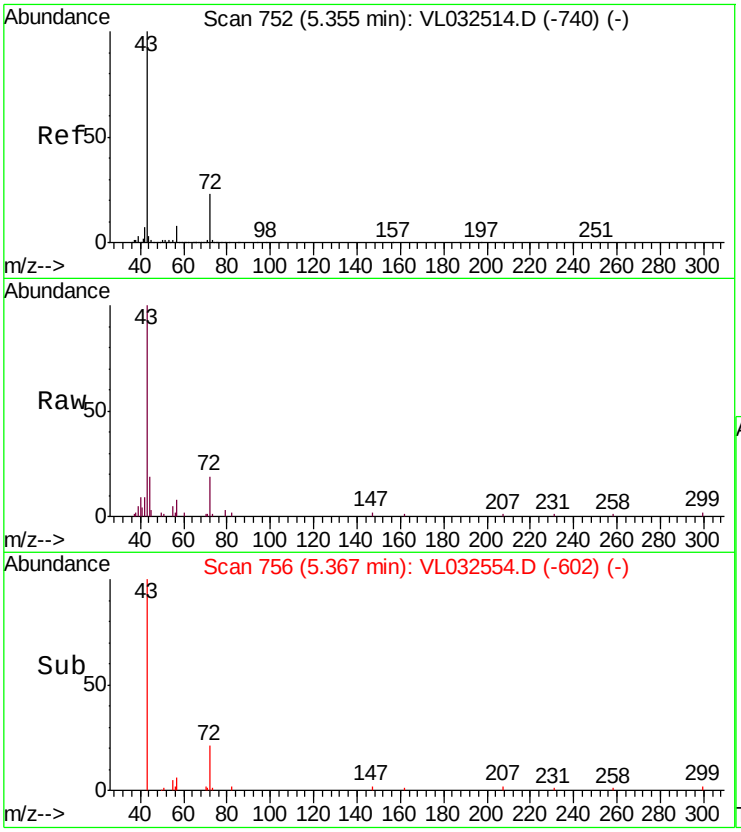


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion:114 Resp: 3122015

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	18.8	15.0	22.4



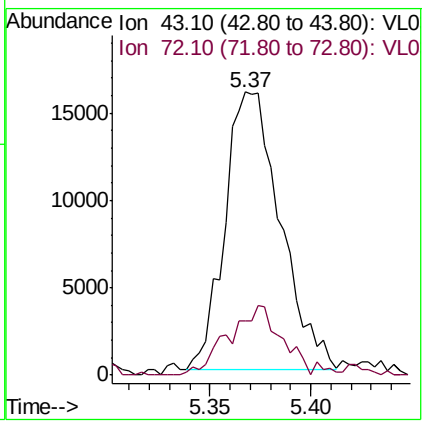


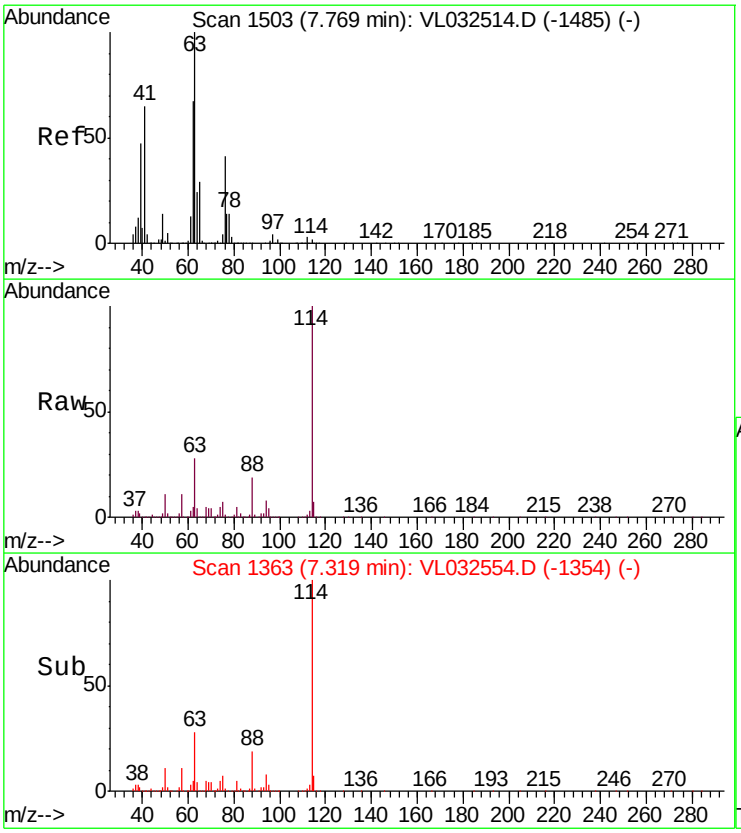
#34
2-Butanone
Concen: 0.165 ppbv
RT: 5.37 min Scan# 756
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion: 43 Resp: 30639

Ion	Ratio	Lower	Upper
43	100		
72	26.3	17.8	26.6

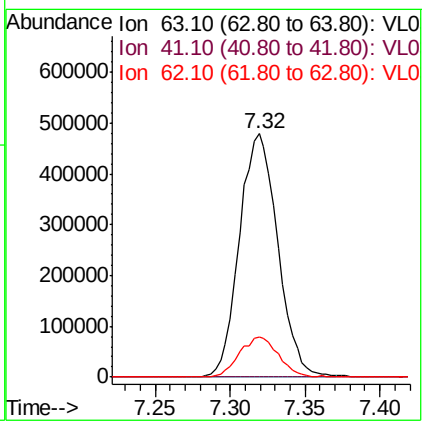


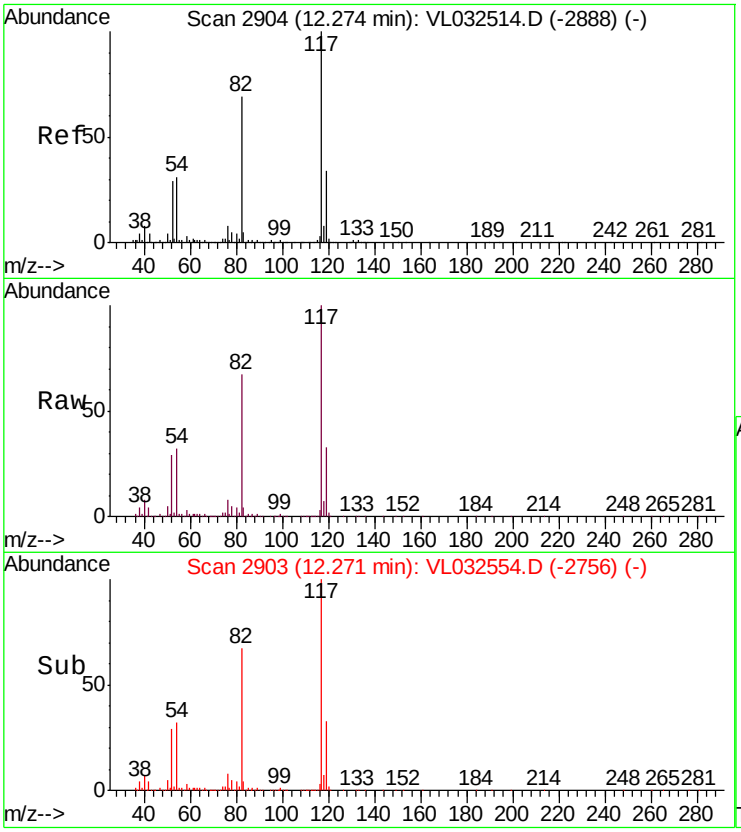


#39
1,2-Dichloropropane
Concen: 7.510 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 63 Resp: 853878

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	16.7	55.4	83.0#



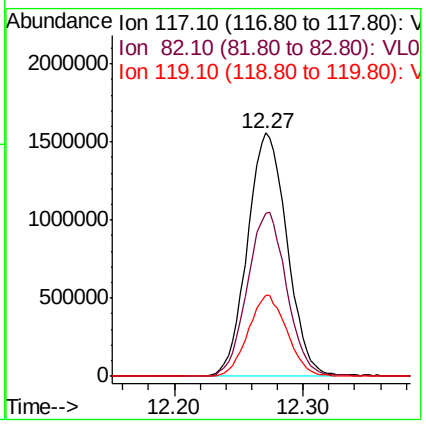


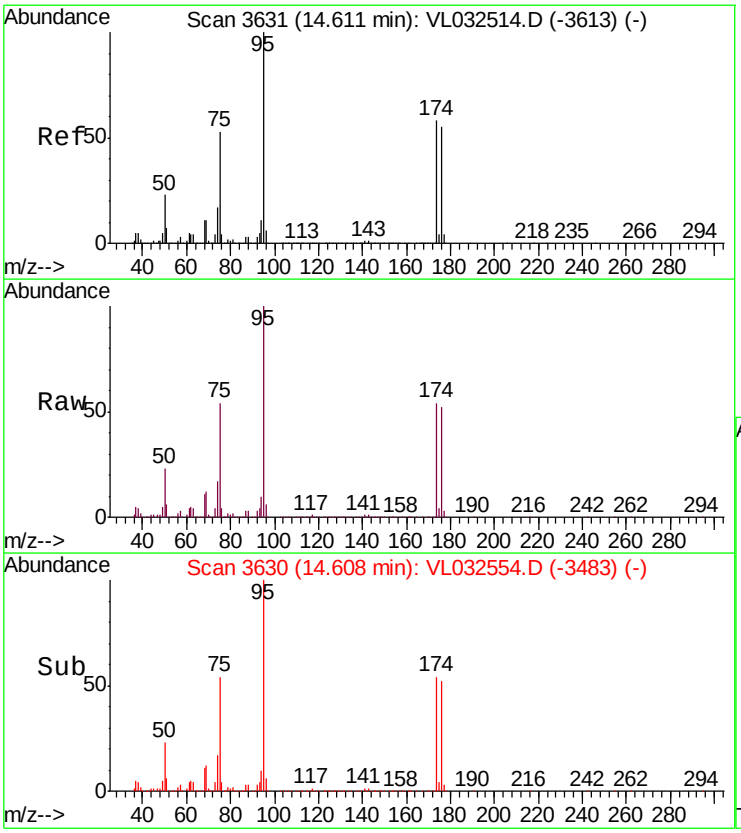
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion:117 Resp: 3331445

Ion	Ratio	Lower	Upper
117	100		
82	67.4	53.0	79.6
119	32.9	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.274 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 95 Resp: 2329876

Ion	Ratio	Lower	Upper
95	100		
174	58.3	46.3	69.5
175	4.1	3.4	5.0