Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
Data File : VL032522.D
Acq On : 24 Sep 2018 23:38
Operator : SY/AP
Sample : VL0924ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0924ABL01

Quant Time: Sep 25 05:34:45 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	1541776	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3381188	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3495357	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2624122	9.96	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%			
Target Compounds						Qvalue
15) Acetone	3.94	43	59584	0.440	ppbv	90
17) tert-Butyl alcohol	4.41	59	11496	0.676	ppbv #	100
20) Methylene Chloride	4.43	84	20404	0.311	ppbv #	83
34) 2-Butanone	5.38	43	8219	0.041	ppbv	96
39) 1,2-Dichloropropane	7.32	63	921334	7.482	ppbv #	26
65) tert-Butylbenzene	17.15	119	88521	0.199	ppbv #	27

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

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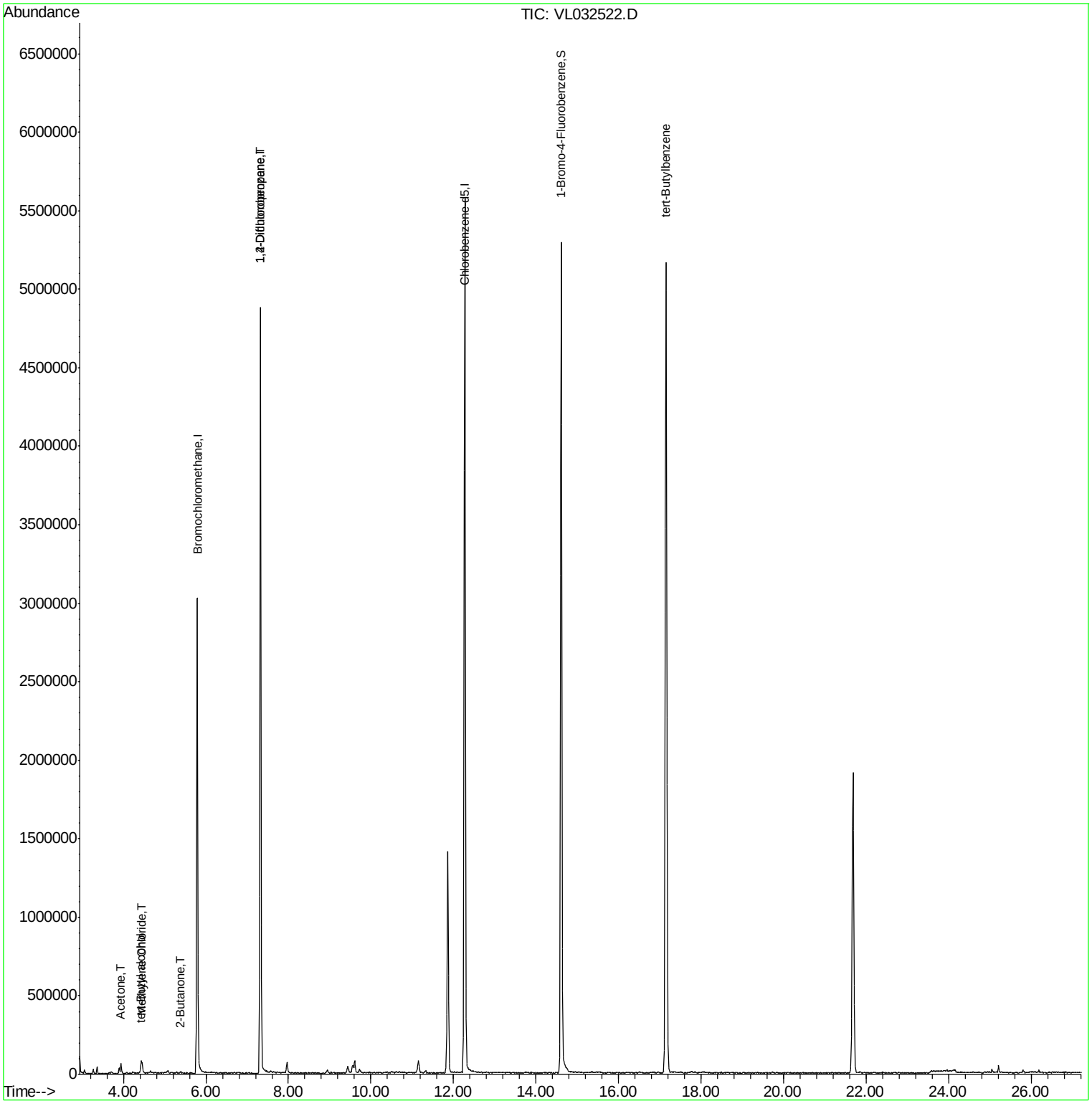
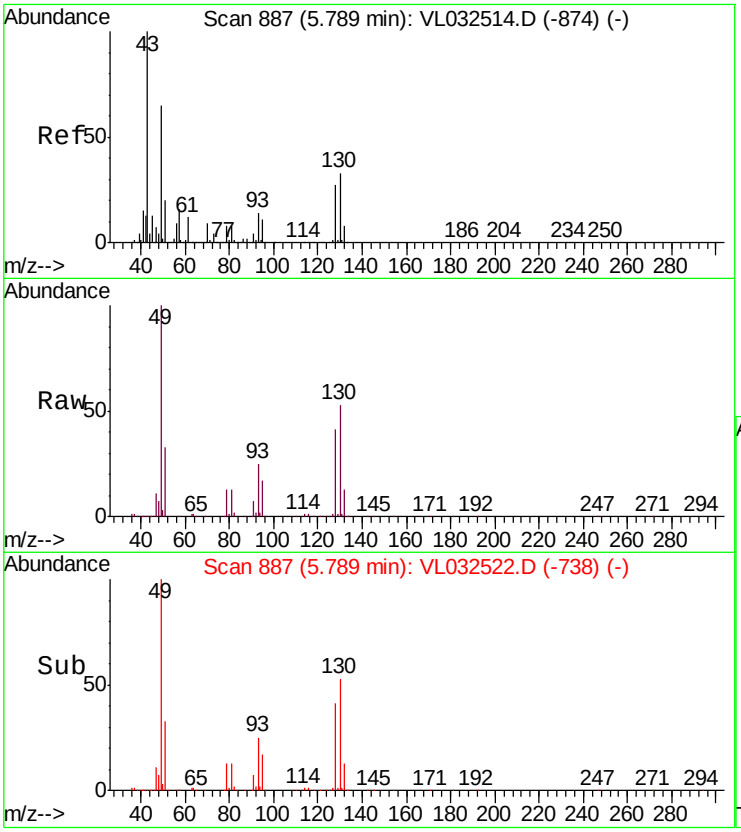


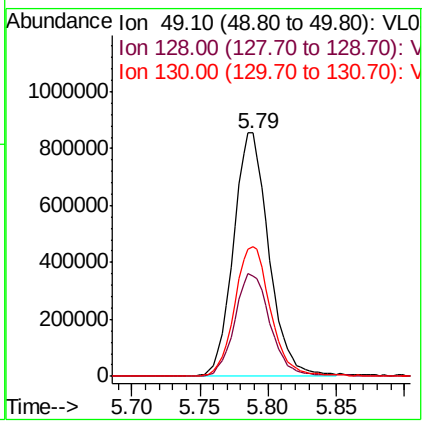


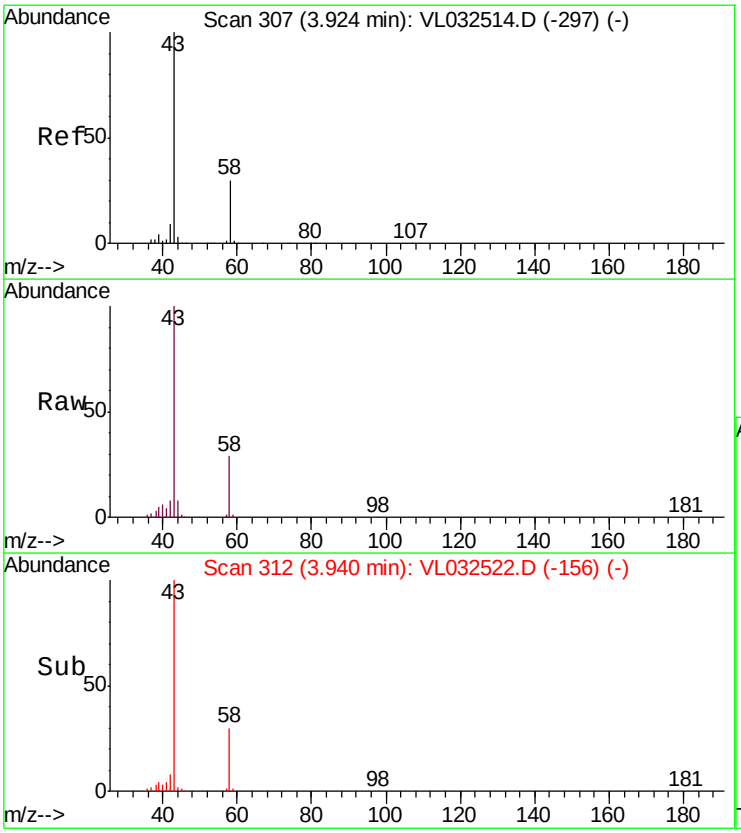
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Instrument :
MSVOA_L
ClientSampleId :
VL0924ABL01

Tgt Ion: 49 Resp: 1541776

Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.7	62.1
130	54.3	26.6	79.7

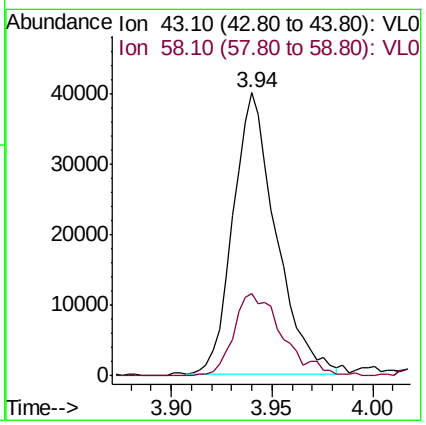


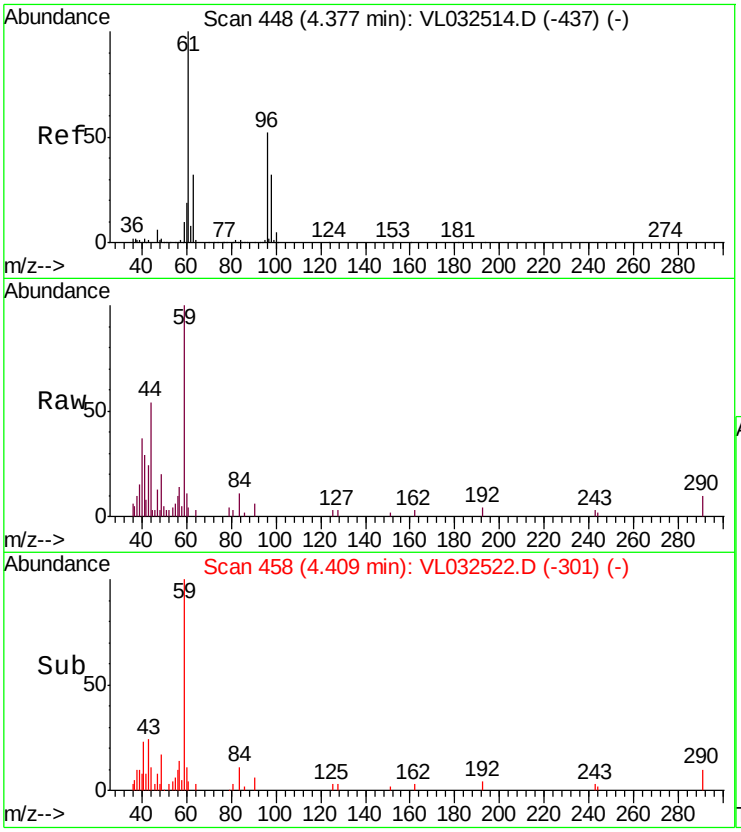


#15
Acetone
Concen: 0.440 ppbv
RT: 3.94 min Scan# 312
Delta R.T. 0.00 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Tgt Ion: 43 Resp: 59584

Ion	Ratio	Lower	Upper
43	100		
58	33.2	22.6	33.8



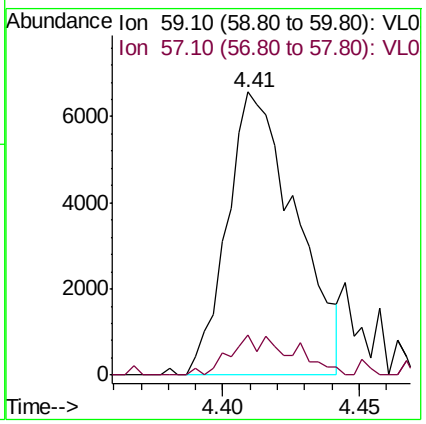


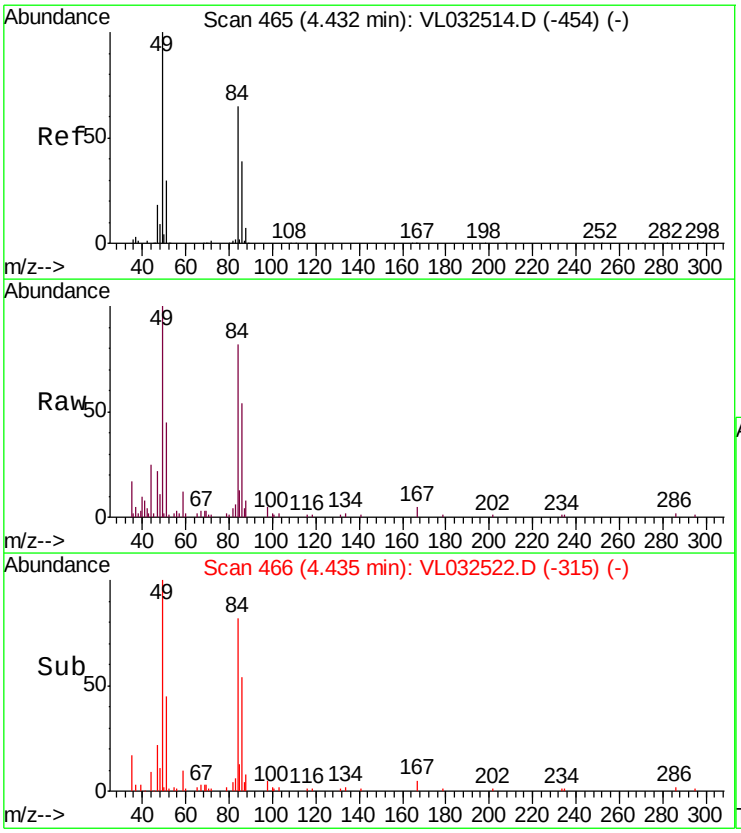
#17
tert-Butyl alcohol
Concen: 0.676 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Instrument : MSVOA_L
ClientSampleId : VL0924ABL01

Tgt Ion: 59 Resp: 11496

Ion	Ratio	Lower	Upper
59	100		
57	14.2	0.0	0.0#

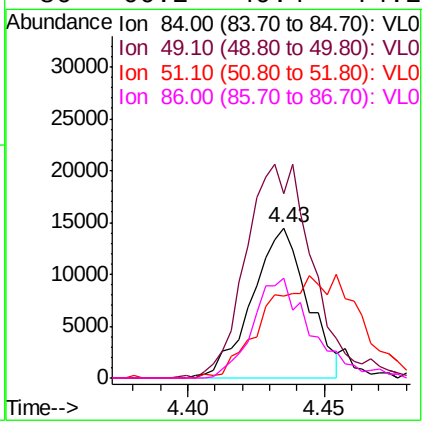


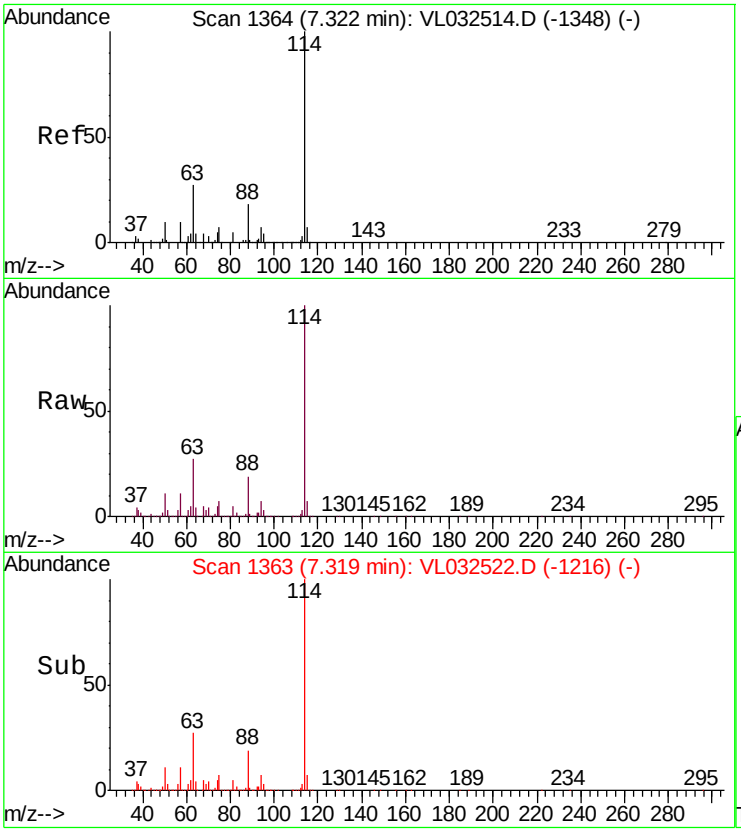


#20
Methylene Chloride
Concen: 0.311 ppbv
RT: 4.43 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Tgt Ion: 84 Resp: 20404

Ion	Ratio	Lower	Upper
84	100		
49	121.0	119.1	178.7
51	54.9	35.2	52.8#
86	66.2	49.4	74.2



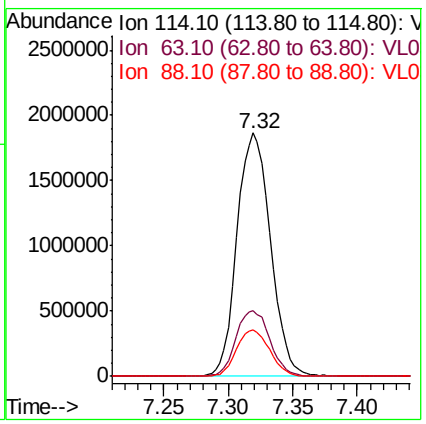


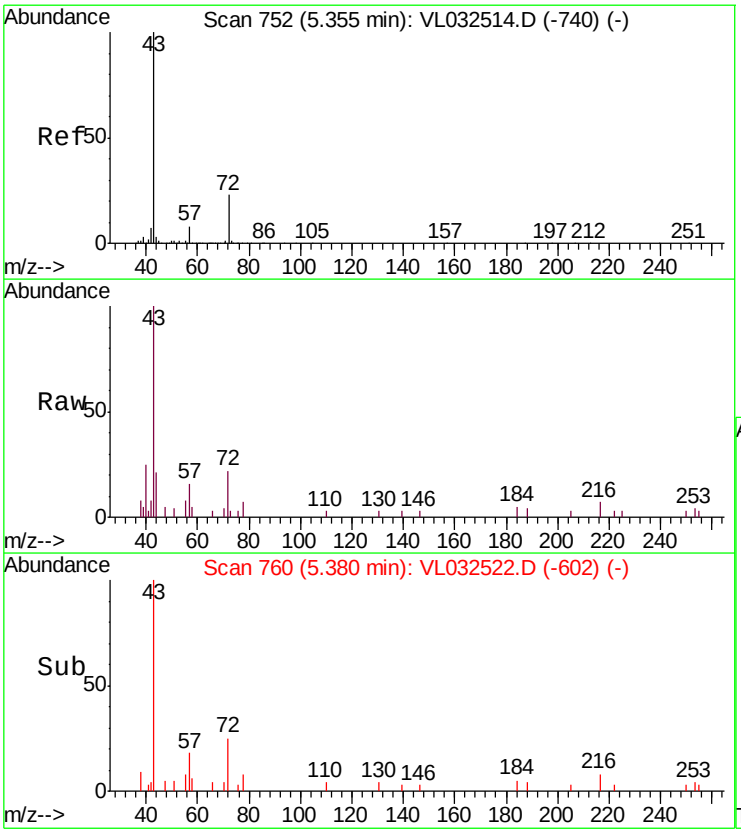
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Instrument :
MSVOA_L
ClientSampleId :
VL0924ABL01

Tgt Ion:114 Resp: 3381188

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.9	15.0	22.4

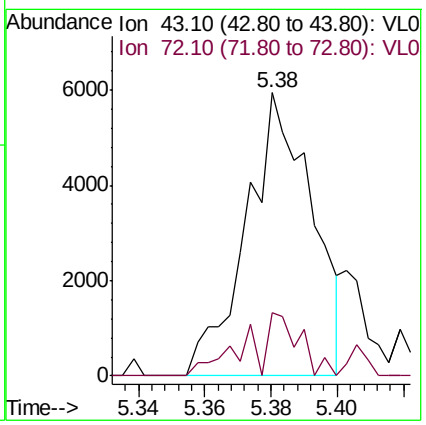


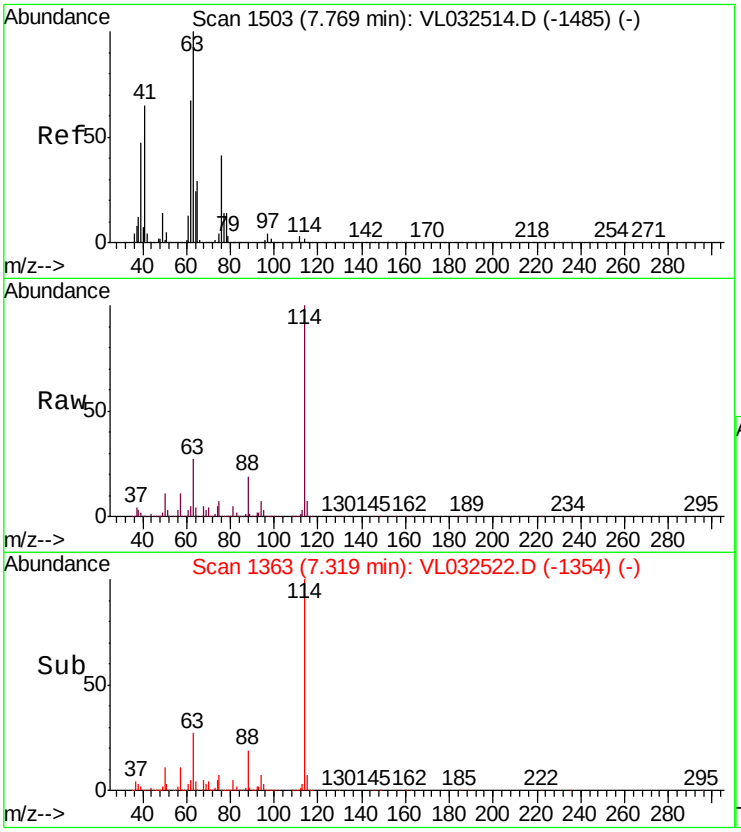


#34
2-Butanone
Concen: 0.041 ppbv
RT: 5.38 min Scan# 760
Delta R.T. 0.01 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Tgt Ion: 43 Resp: 8219

Ion	Ratio	Lower	Upper
43	100		
72	20.4	17.8	26.6



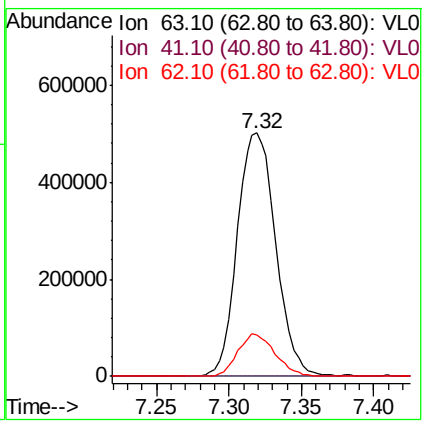


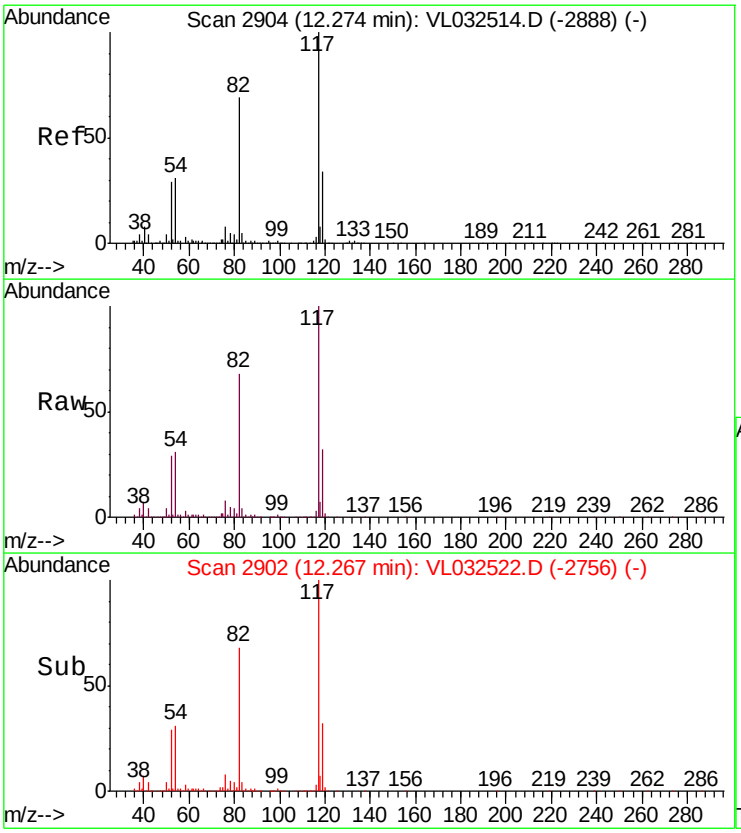
#39
1,2-Dichloropropane
Concen: 7.482 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Instrument : MSVOA_L
ClientSampleId : VL0924ABL01

Tgt Ion: 63 Resp: 921334

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	17.2	55.4	83.0#

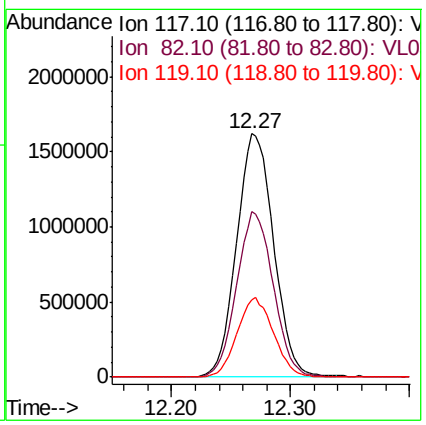


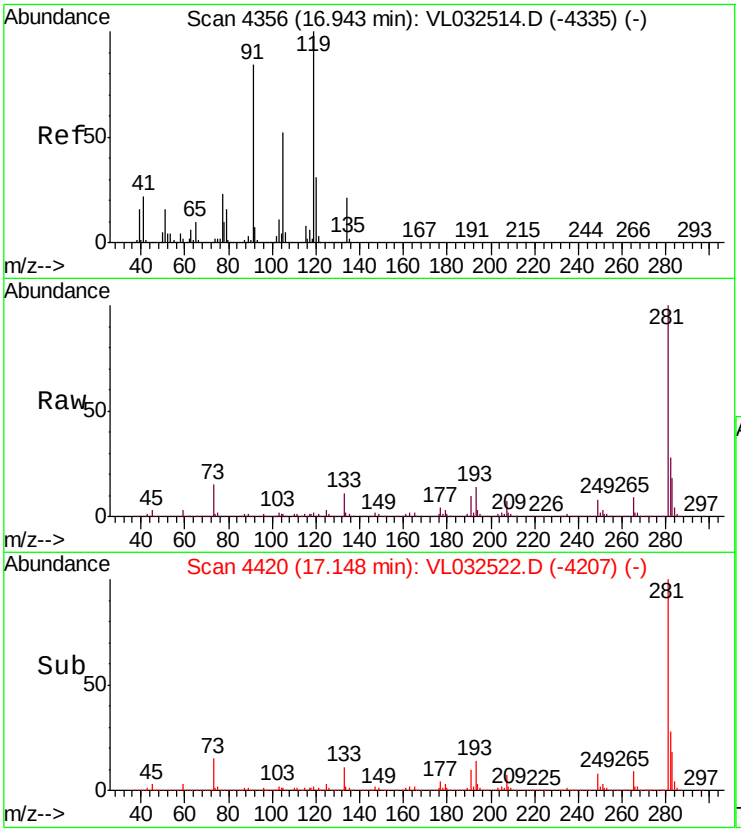


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Tgt Ion:117 Resp: 3495357

Ion	Ratio	Lower	Upper
117	100		
82	67.8	53.0	79.6
119	32.3	45.9	68.9#



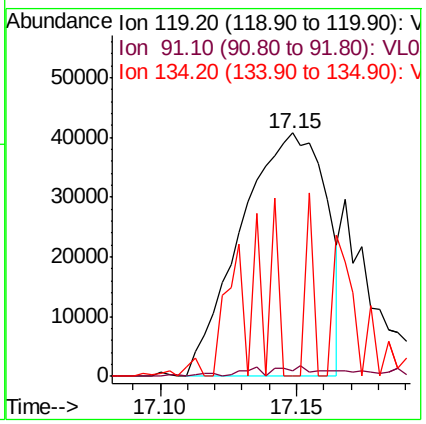


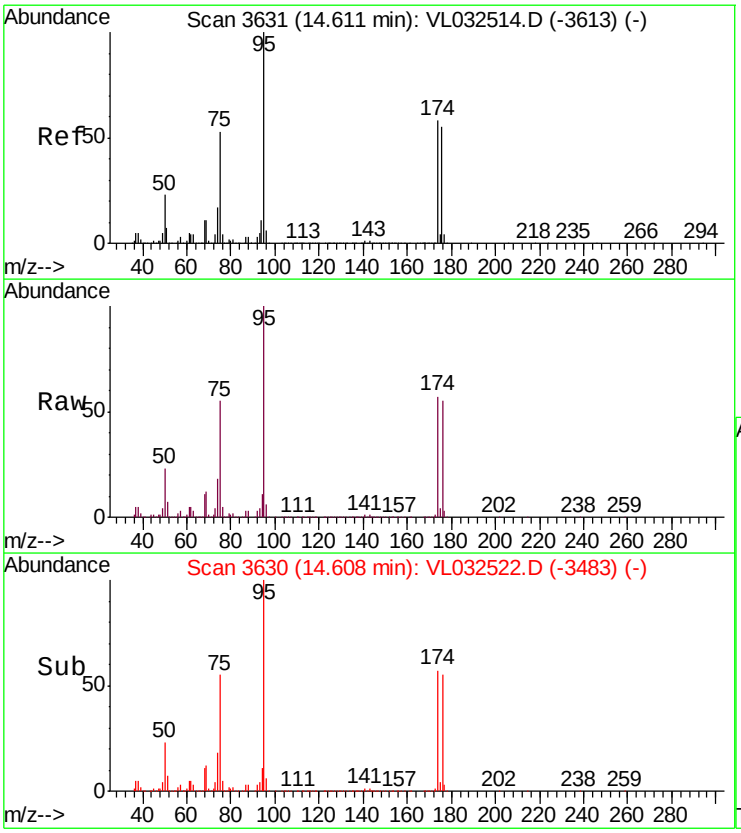
#65
tert-Butylbenzene
Concen: 0.199 ppbv
RT: 17.15 min Scan# 4420
Delta R.T. 0.18 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Instrument :
MSVOA_L
ClientSampleId :
VL0924ABL01

Tgt Ion:119 Resp: 88521

Ion	Ratio	Lower	Upper
119	100		
91	4.5	66.5	99.7#
134	25.4	16.0	24.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.955 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032522.D
Acq: 24 Sep 2018 23:38

Tgt Ion: 95 Resp: 2624122

Ion	Ratio	Lower	Upper
95	100		
174	58.5	46.3	69.5
175	4.1	3.4	5.0