Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032758.D
Acq On : 14 Nov 2018 14:22
Operator : SY/AP
Sample : J5891-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IASC2DL

Quant Time: Nov 15 04:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1601351	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	4036567	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3641111	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2757140	10.12	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	13809	0.060	ppbv		93
3) Chlorodifluoromethane	3.02	51	106789	0.841	ppbv		94
9) Propene	3.25	41	20790	0.409	ppbv		89
13) Ethanol	3.66	45	1666422	100.140	ppbv		99
15) Acetone	3.92	43	159765	1.092	ppbv	#	89
19) Isopropyl Alcohol	4.04	45	183895	1.888	ppbv	#	97
20) Methylene Chloride	4.42	84	99468	1.314	ppbv		99
25) Ethyl Acetate	5.79	43	82517	0.242	ppbv	#	83
26) Hexane	5.79	57	93793	0.618	ppbv	#	47
34) 2-Butanone	5.35	43	15986	0.076	ppbv		92
39) 1,2-Dichloropropane	7.29	63	1012083	8.264	ppbv	#	23
53) Toluene	9.95	91	482341	1.438	ppbv		97
59) m/p-Xylene	13.12	91	15103	0.039	ppbv	#	26

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

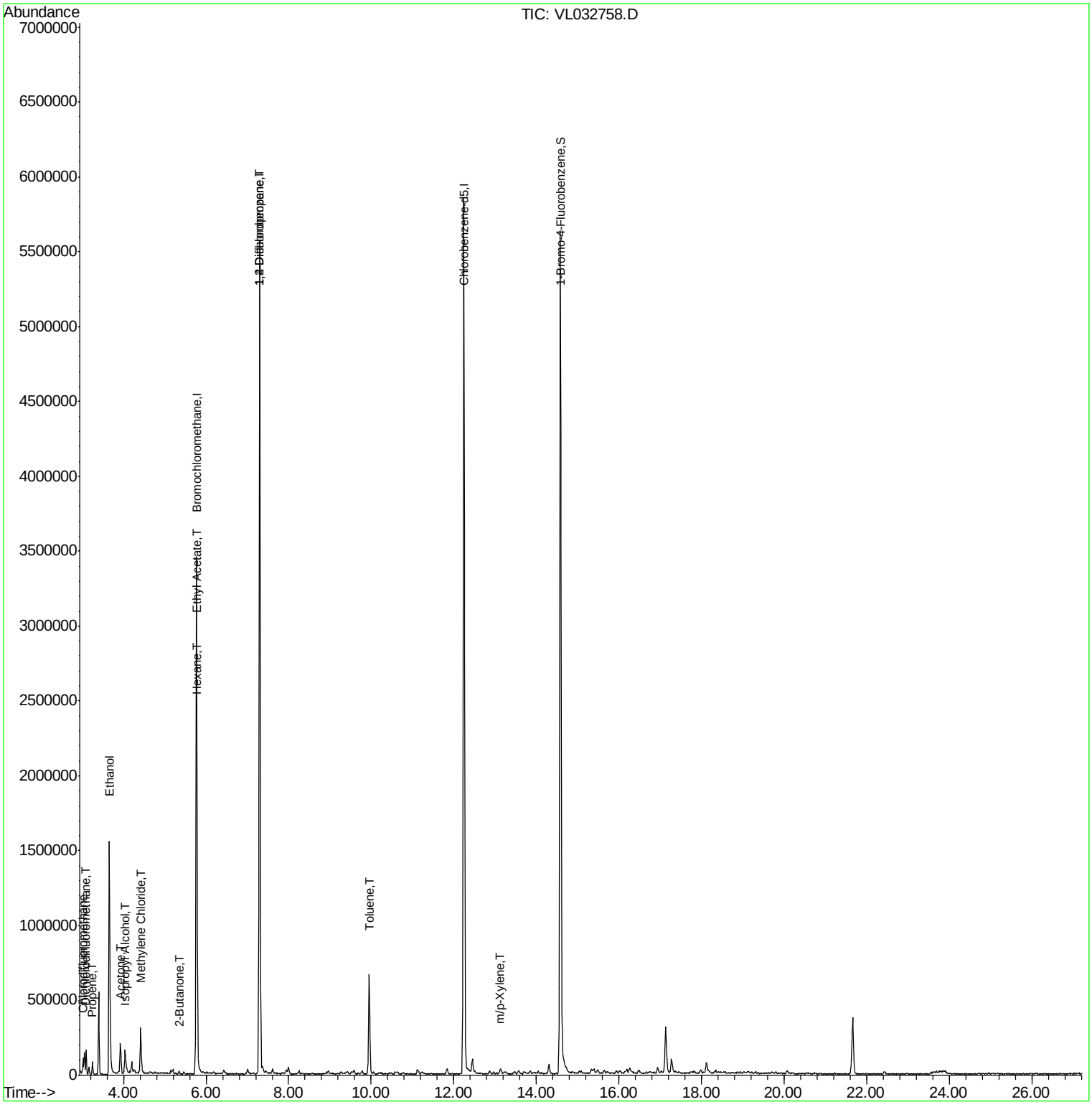
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

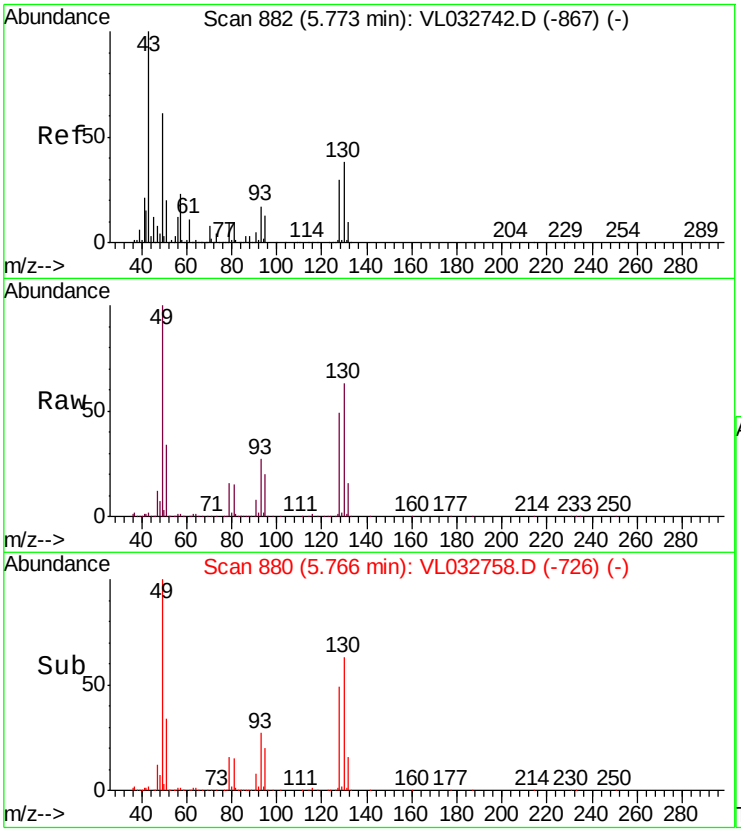
Quantitation Report (Not Reviewed)

Data File : VL032758.D
Acq On : 14 Nov 2018 14:22
Operator : SY/AP
Sample : J5891-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IASC2DL

Quant Time: Nov 15 04:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



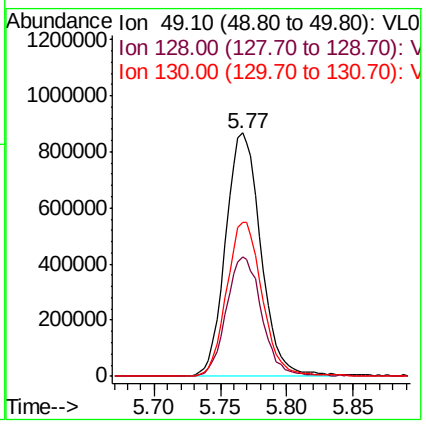


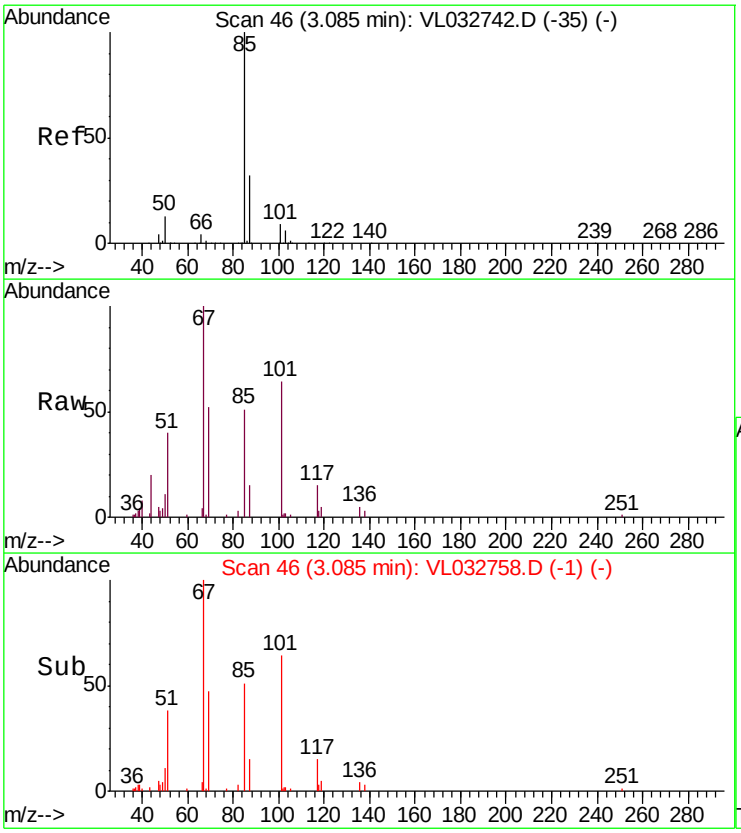
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument :
MSVOA_L
ClientSampleId :
IASC2DL

Tgt Ion: 49 Resp: 1601351

Ion	Ratio	Lower	Upper
49	100		
128	49.9	24.9	74.6
130	64.1	31.4	94.2

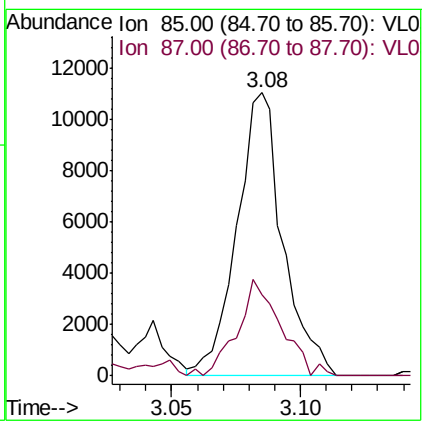


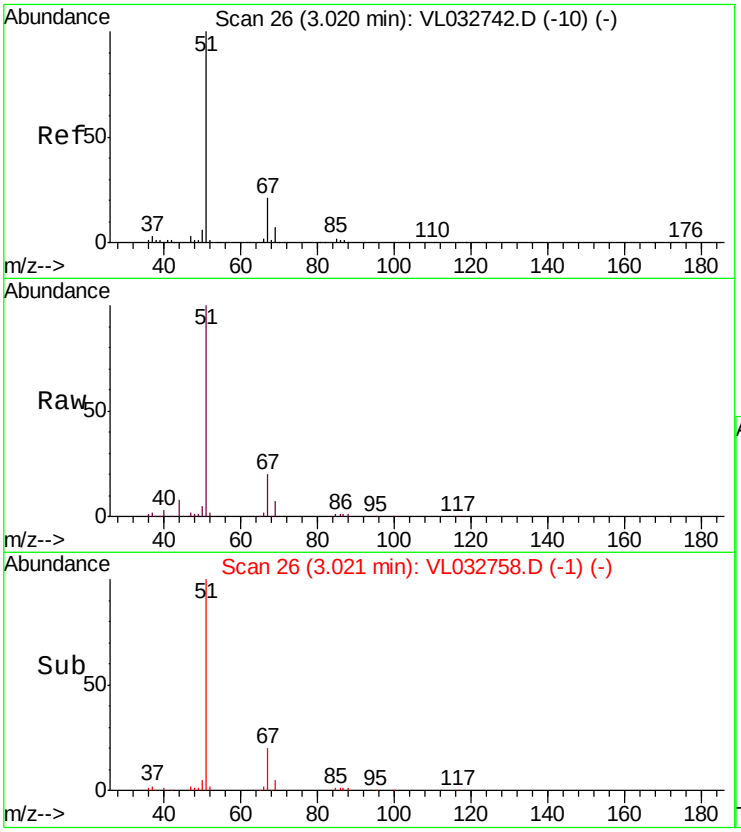


#2
Dichlorodifluoromethane
Concen: 0.060 ppbv
RT: 3.08 min Scan# 46
Delta R.T. 0.00 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 85 Resp: 13809

Ion	Ratio	Lower	Upper
85	100		
87	28.8	26.0	39.0



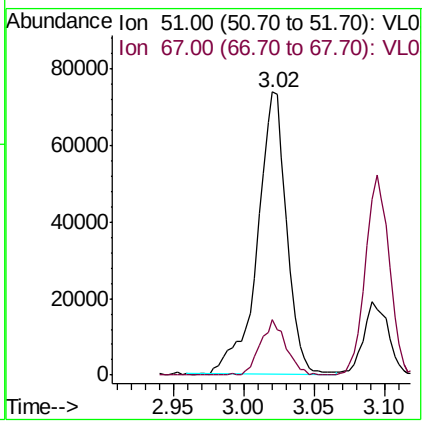


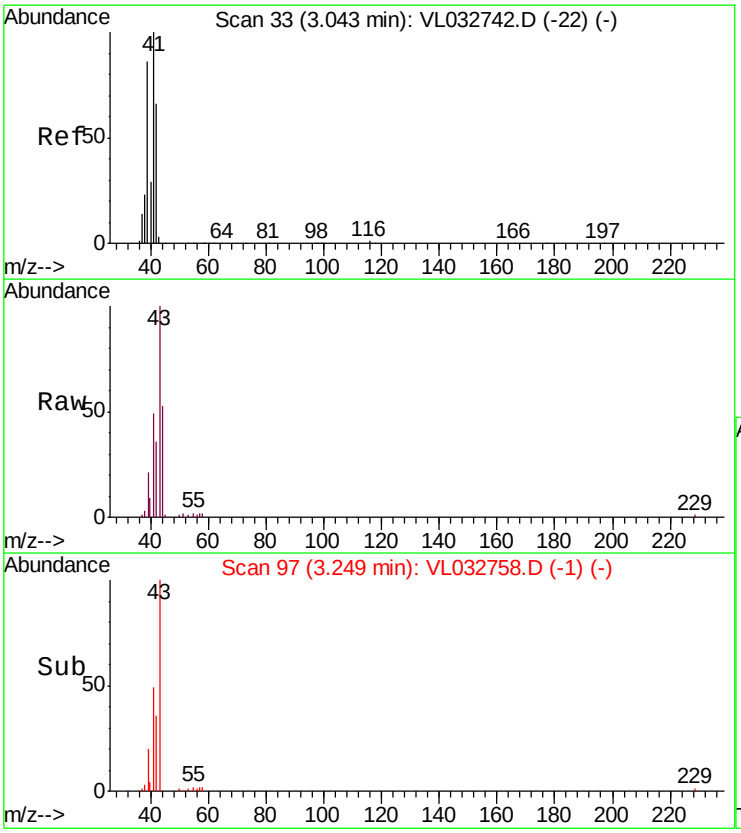
#3
Chlorodifluoromethane
Concen: 0.841 ppbv
RT: 3.02 min Scan# 26
Delta R.T. 0.00 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument :
MSVOA_L
ClientSampleId :
IASC2DL

Tgt Ion: 51 Resp: 106789

Ion	Ratio	Lower	Upper
51	100		
67	17.2	16.1	24.1

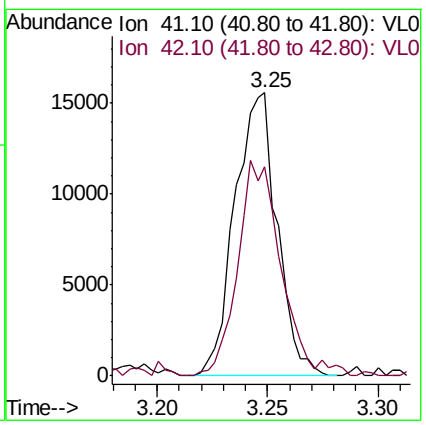


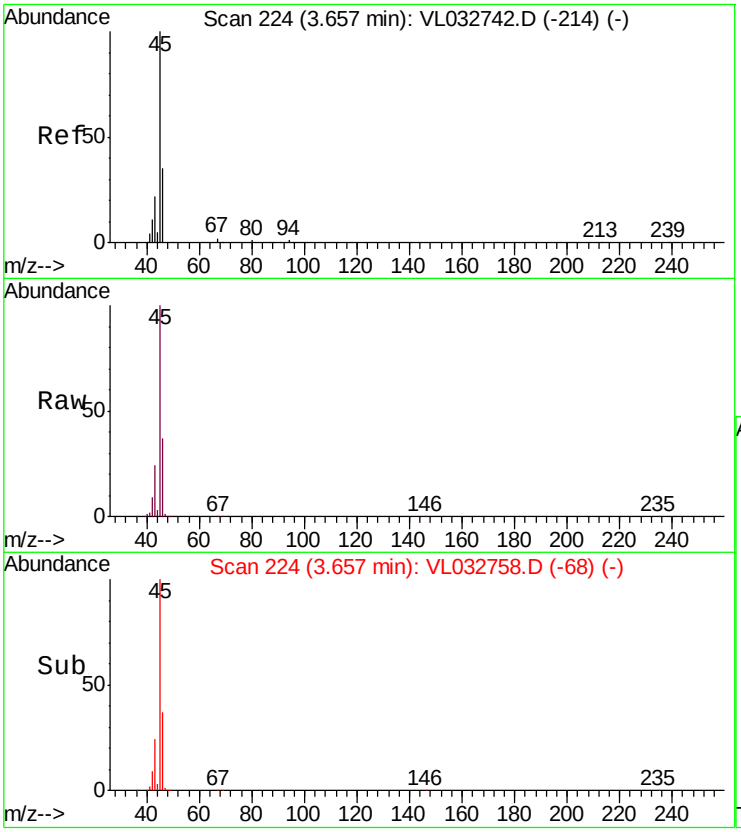


#9
Propene
Concen: 0.409 ppbv
RT: 3.25 min Scan# 97
Delta R.T. 0.21 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 41 Resp: 20790

Ion	Ratio	Lower	Upper
41	100		
42	78.1	55.0	82.6



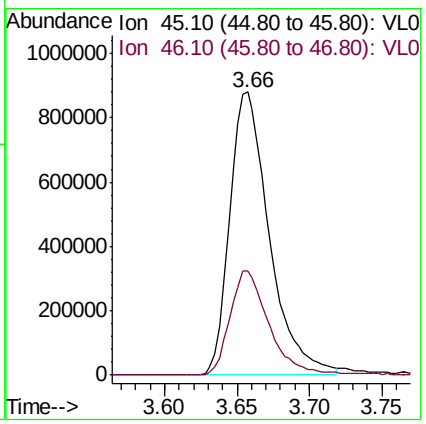


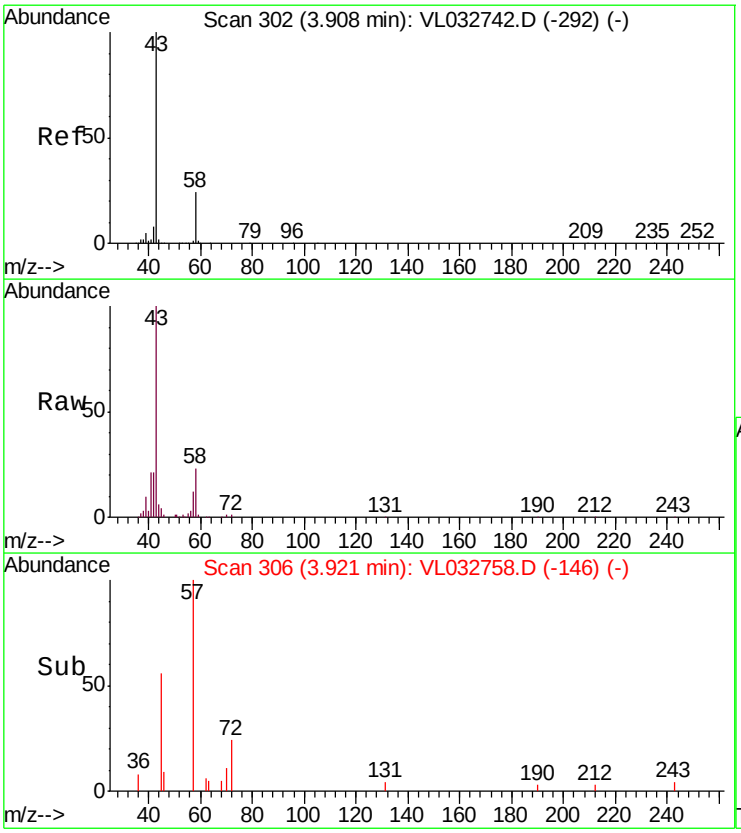
#13
Ethanol
Concen: 100.140 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.00 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument :
MSVOA_L
ClientSampleId :
IASC2DL

Tgt Ion: 45 Resp: 1666422

Ion	Ratio	Lower	Upper
45	100		
46	36.7	14.5	57.9

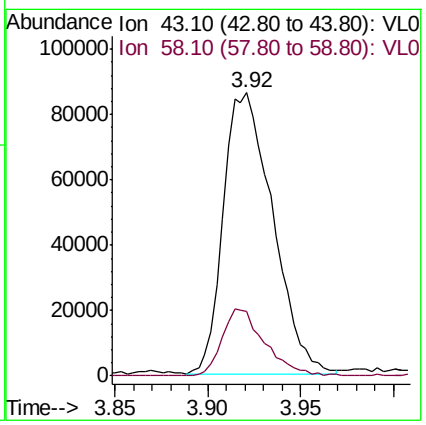


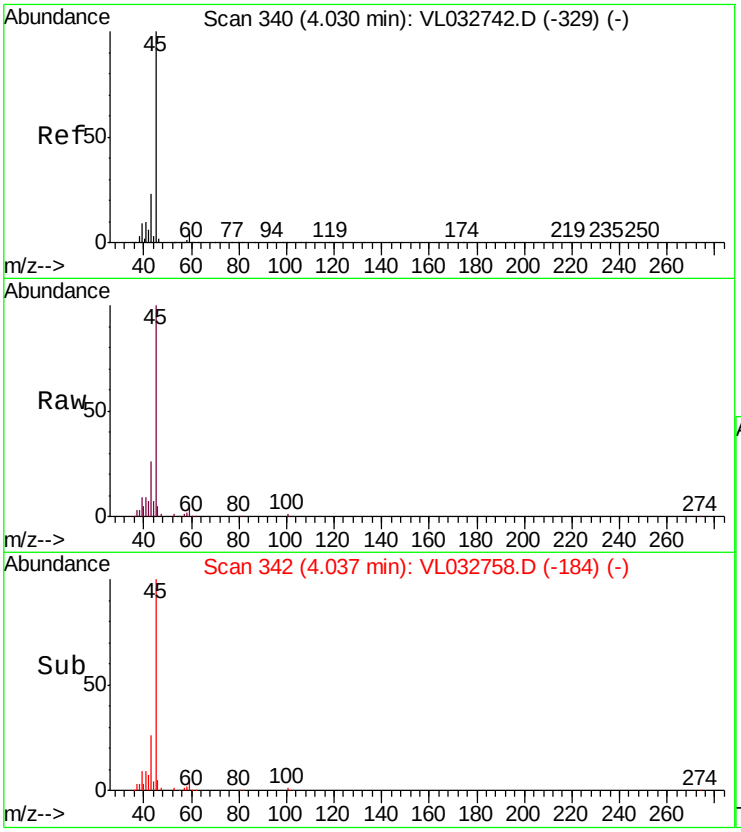


#15
Acetone
Concen: 1.092 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 43 Resp: 159765

Ion	Ratio	Lower	Upper
43	100		
58	20.9	21.1	31.7#



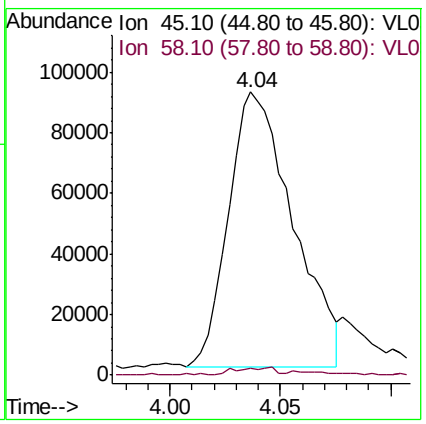


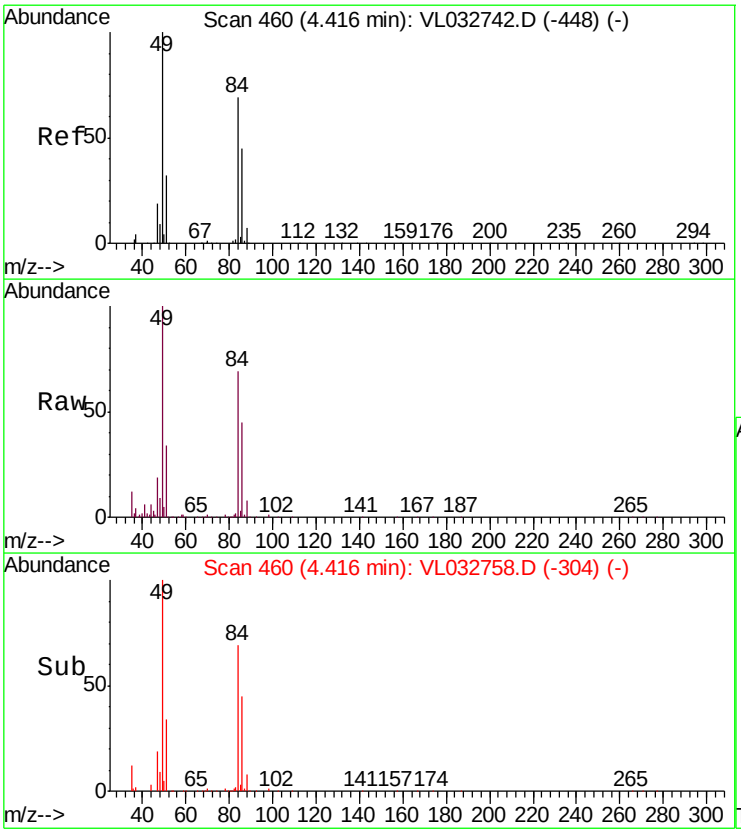
#19
Isopropyl Alcohol
Concen: 1.888 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument : MSVOA_L
ClientSampleId : IASC2DL

Tgt Ion: 45 Resp: 183895

Ion	Ratio	Lower	Upper
45	100		
58	2.9	1.4	2.0#

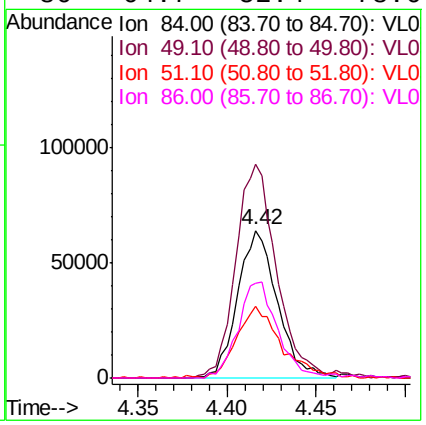


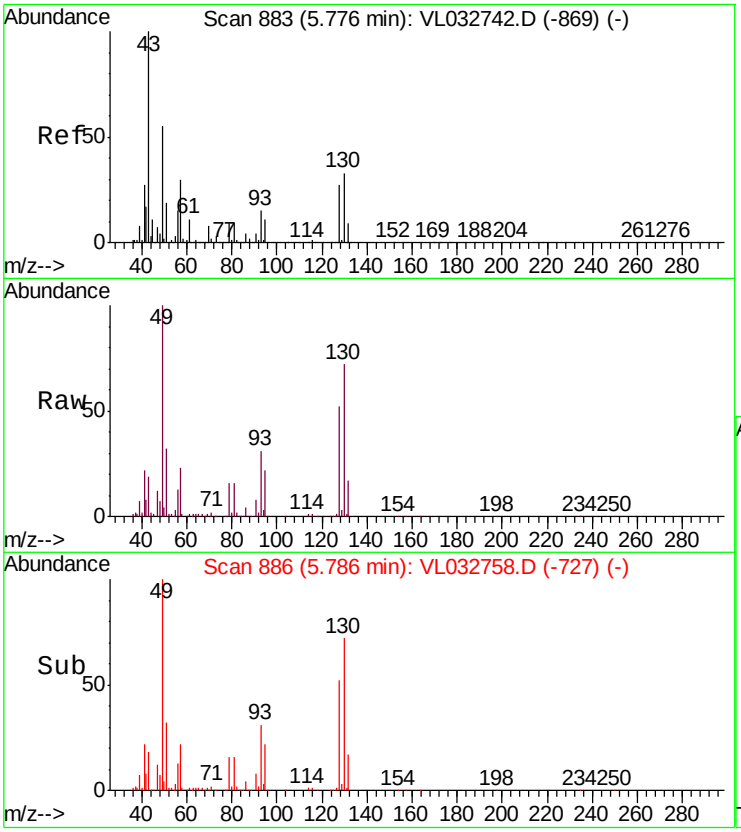


#20
Methylene Chloride
Concen: 1.314 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 84 Resp: 99468

Ion	Ratio	Lower	Upper
84	100		
49	145.0	115.8	173.6
51	47.7	36.9	55.3
86	64.7	52.4	78.6



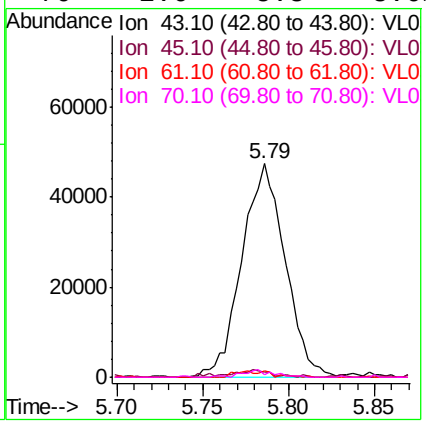


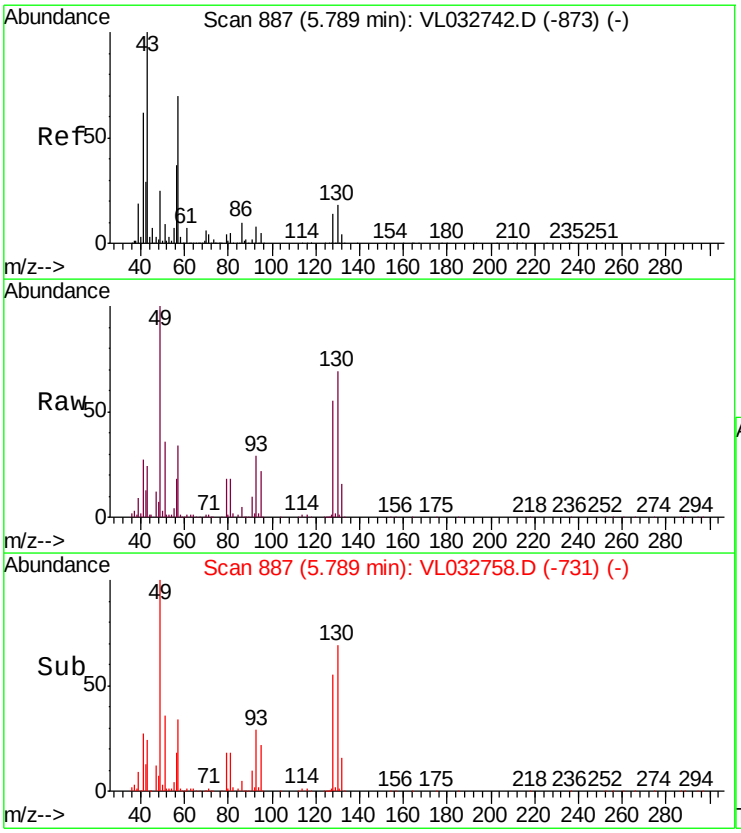
#25
Ethyl Acetate
Concen: 0.242 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument : MSVOA_L
ClientSampleId : IASC2DL

Tgt Ion: 43 Resp: 82517

Ion	Ratio	Lower	Upper
43	100		
45	3.4	7.9	11.9#
61	2.4	7.8	11.6#
70	2.6	5.8	8.6#

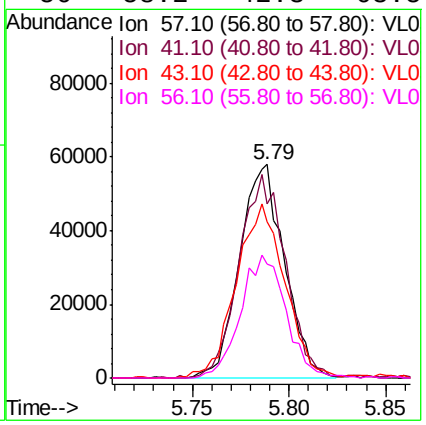


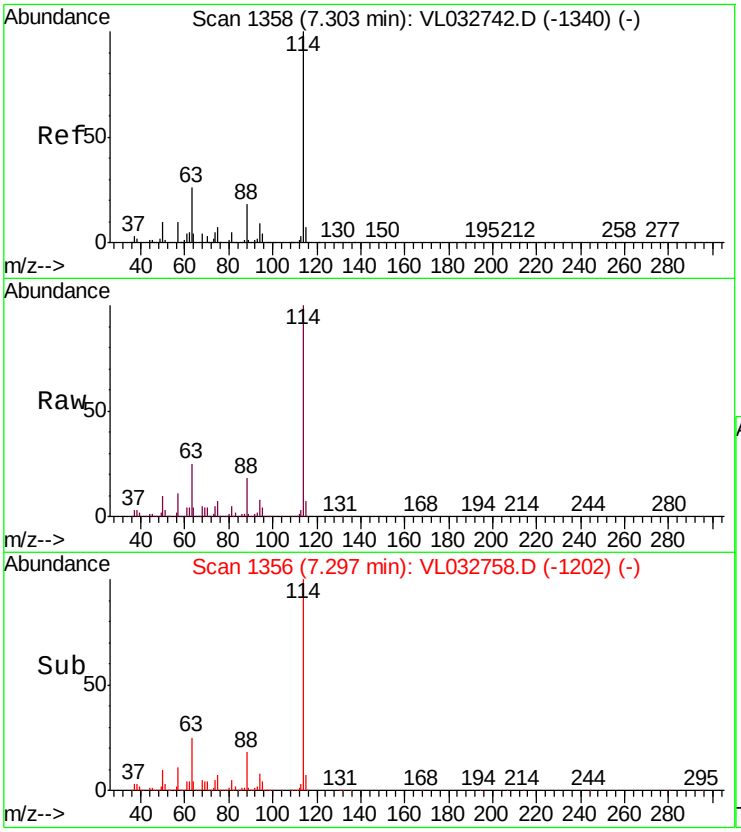


#26
Hexane
Concen: 0.618 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 57 Resp: 93793

Ion	Ratio	Lower	Upper
57	100		
41	98.6	70.3	105.5
43	89.6	174.0	261.0#
56	58.2	42.3	63.5



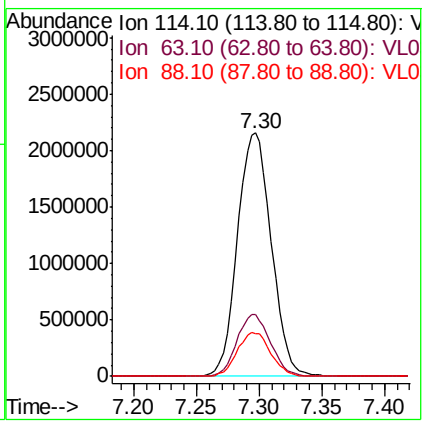


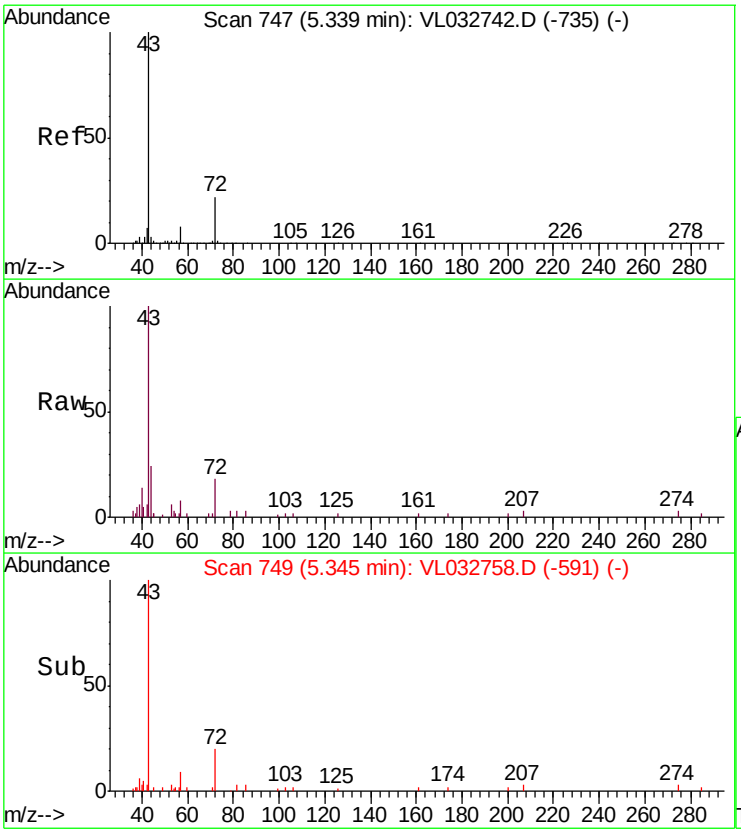
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument :
MSVOA_L
ClientSampleId :
IASC2DL

Tgt Ion:114 Resp: 4036567

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.9	31.3
88	18.0	14.4	21.6

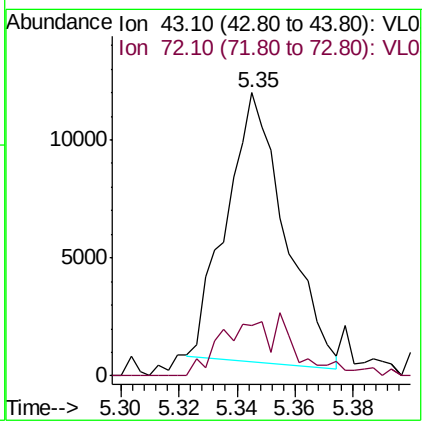


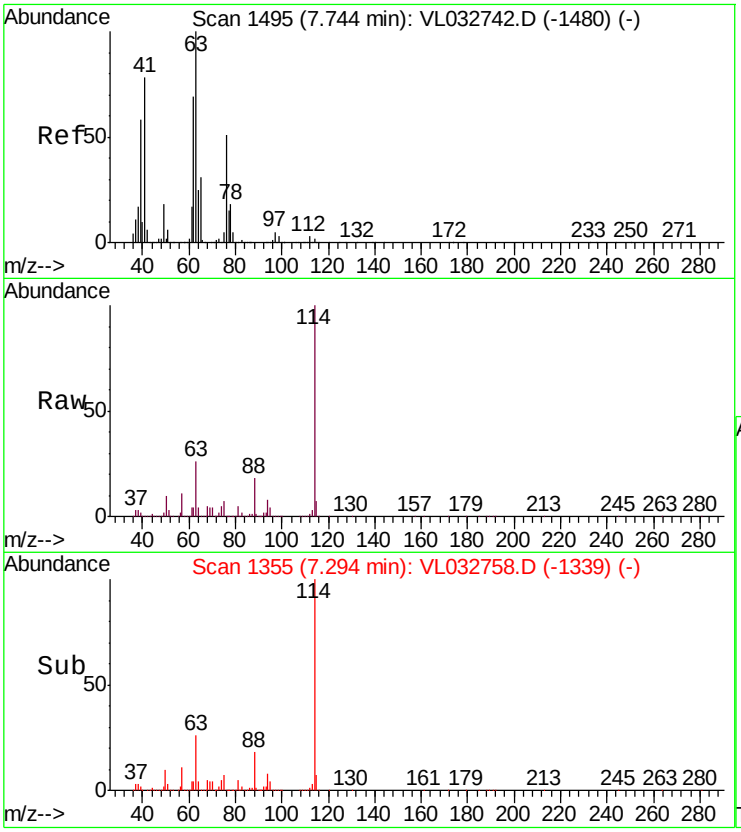


#34
2-Butanone
Concen: 0.076 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 43 Resp: 15986

Ion	Ratio	Lower	Upper
43	100		
72	26.8	18.4	27.6



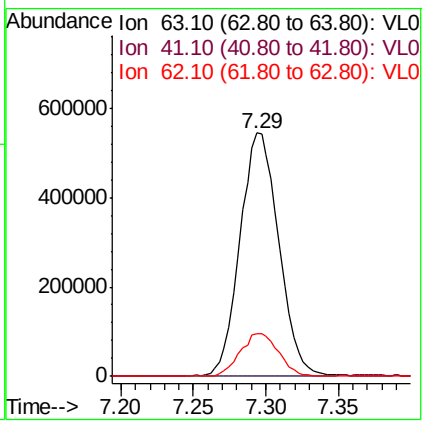


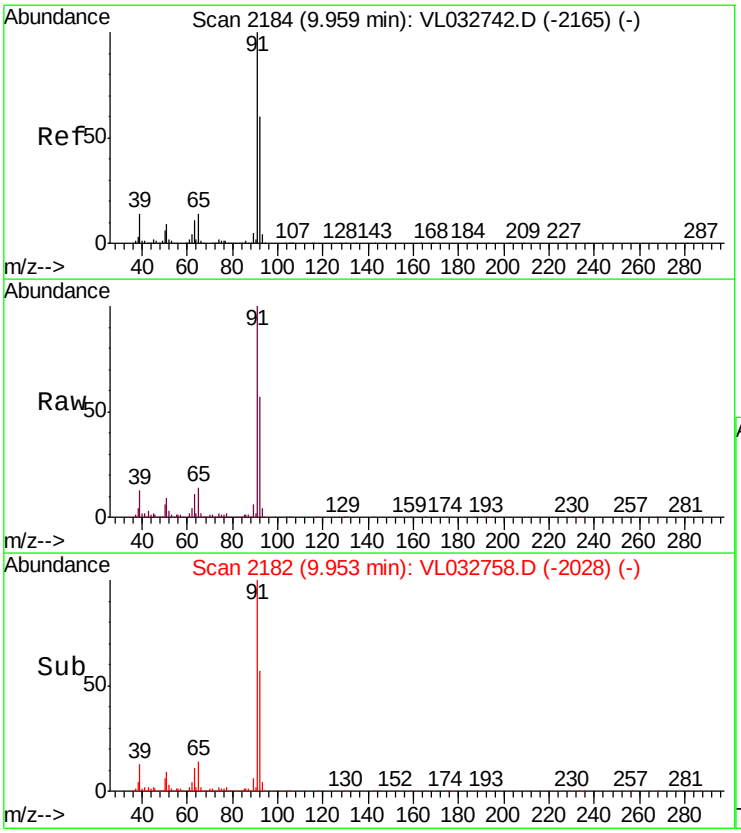
#39
1,2-Dichloropropane
Concen: 8.264 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument :
MSVOA_L
ClientSampleId :
IASC2DL

Tgt Ion: 63 Resp: 1012083

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.4	55.4	83.2#

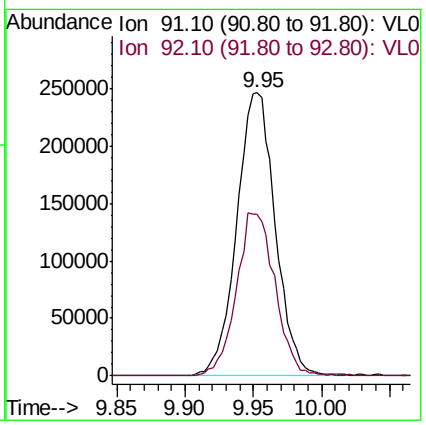


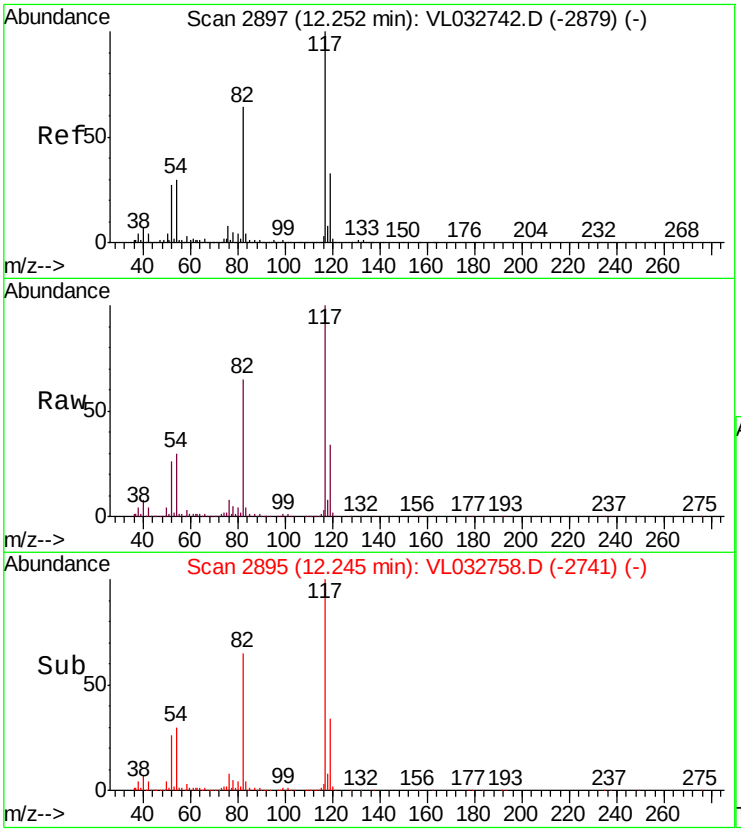


#53
Toluene
Concen: 1.438 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 91 Resp: 482341

Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.9	71.9



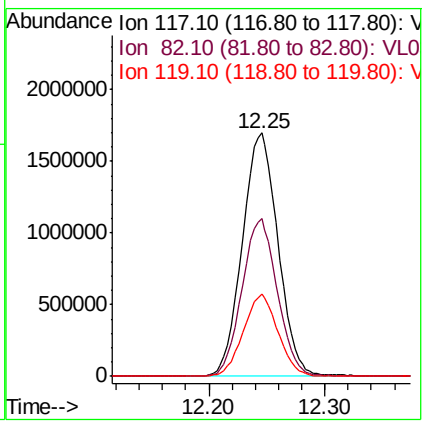


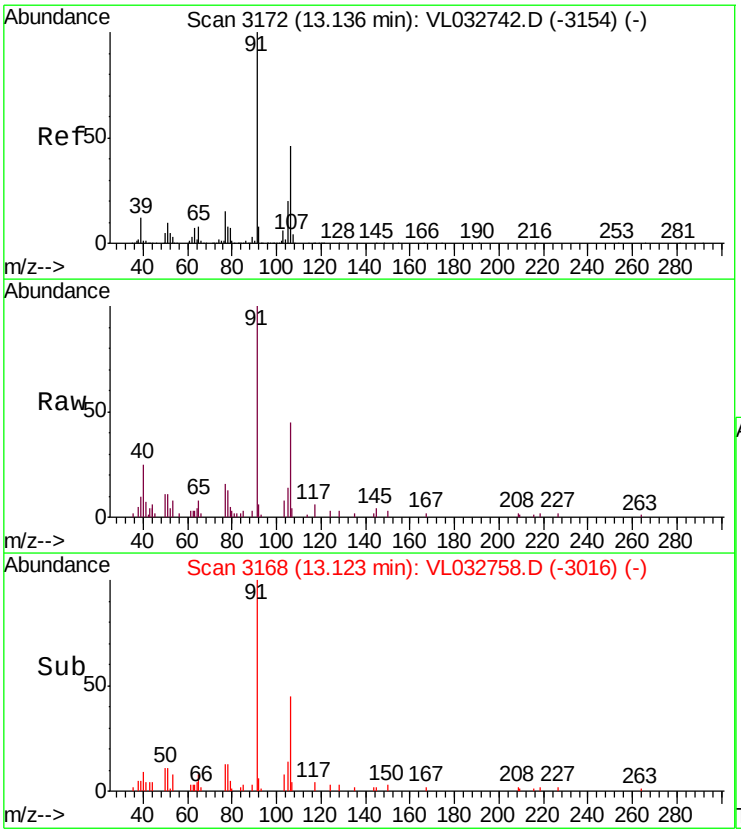
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument : MSVOA_L
ClientSampleId : IASC2DL

Tgt Ion:117 Resp: 3641111

Ion	Ratio	Lower	Upper
117	100		
82	64.8	51.0	76.6
119	32.8	28.0	42.0

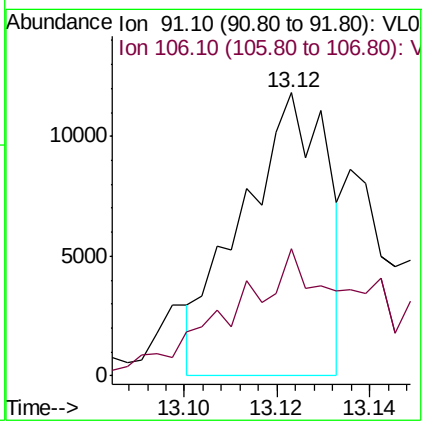


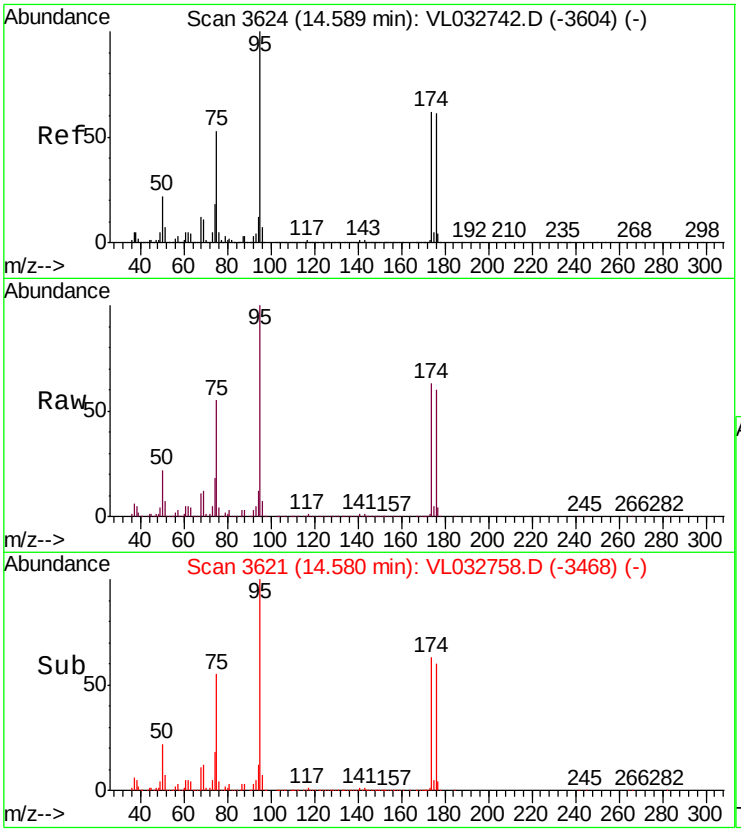


#59
m/p-Xylene
Concen: 0.039 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Tgt Ion: 91 Resp: 15103

Ion	Ratio	Lower	Upper
91	100		
106	93.3	36.1	54.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.124 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032758.D
Acq: 14 Nov 2018 14:22

Instrument :
MSVOA_L
ClientSampleId :
IASC2DL

Tgt Ion: 95 Resp: 2757140

Ion	Ratio	Lower	Upper
95	100		
174	64.9	50.7	76.1
175	4.8	3.8	5.6