Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\

Quantitation Report (Not Reviewed)

Data File : VL032868.D
Acq On : 1 Dec 2018 3:28
Operator : SY/AP
Sample : J6132-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Quant Time: Dec 01 04:06:27 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	1339093	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3275208	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3148559	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2479100	10.53	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	11422	0.059	ppbv #	84
3) Chlorodifluoromethane	3.02	51	6812	0.064	ppbv	91
9) Propene	3.04	41	378759	8.915	ppbv	93
13) Ethanol	3.66	45	69415	4.988	ppbv	96
15) Acetone	3.91	43	319250	2.611	ppbv #	80
16) 1,3-Butadiene	3.35	39	182860	3.861	ppbv #	15
20) Methylene Chloride	4.42	84	13759	0.217	ppbv	92
25) Ethyl Acetate	5.78	43	26802	0.094	ppbv #	86
26) Hexane	5.79	57	26448	0.208	ppbv #	41
27) Carbon Disulfide	4.63	76	77087	0.479	ppbv #	83
29) Chloroform	5.85	83	15222	0.067	ppbv #	81
34) 2-Butanone	5.34	43	465359	2.739	ppbv	98
36) Benzene	7.01	78	378543	1.451	ppbv	97
39) 1,2-Dichloropropane	7.29	63	796570	8.016	ppbv #	23
53) Toluene	9.95	91	163694	0.602	ppbv	98
59) m/p-Xylene	13.13	91	46797	0.139	ppbv	95
60) o-Xylene	13.85	91	14257	0.042	ppbv #	32
74) 1,2,4-Trimethylbenzene	16.94	105	14692	0.038	ppbv #	57

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

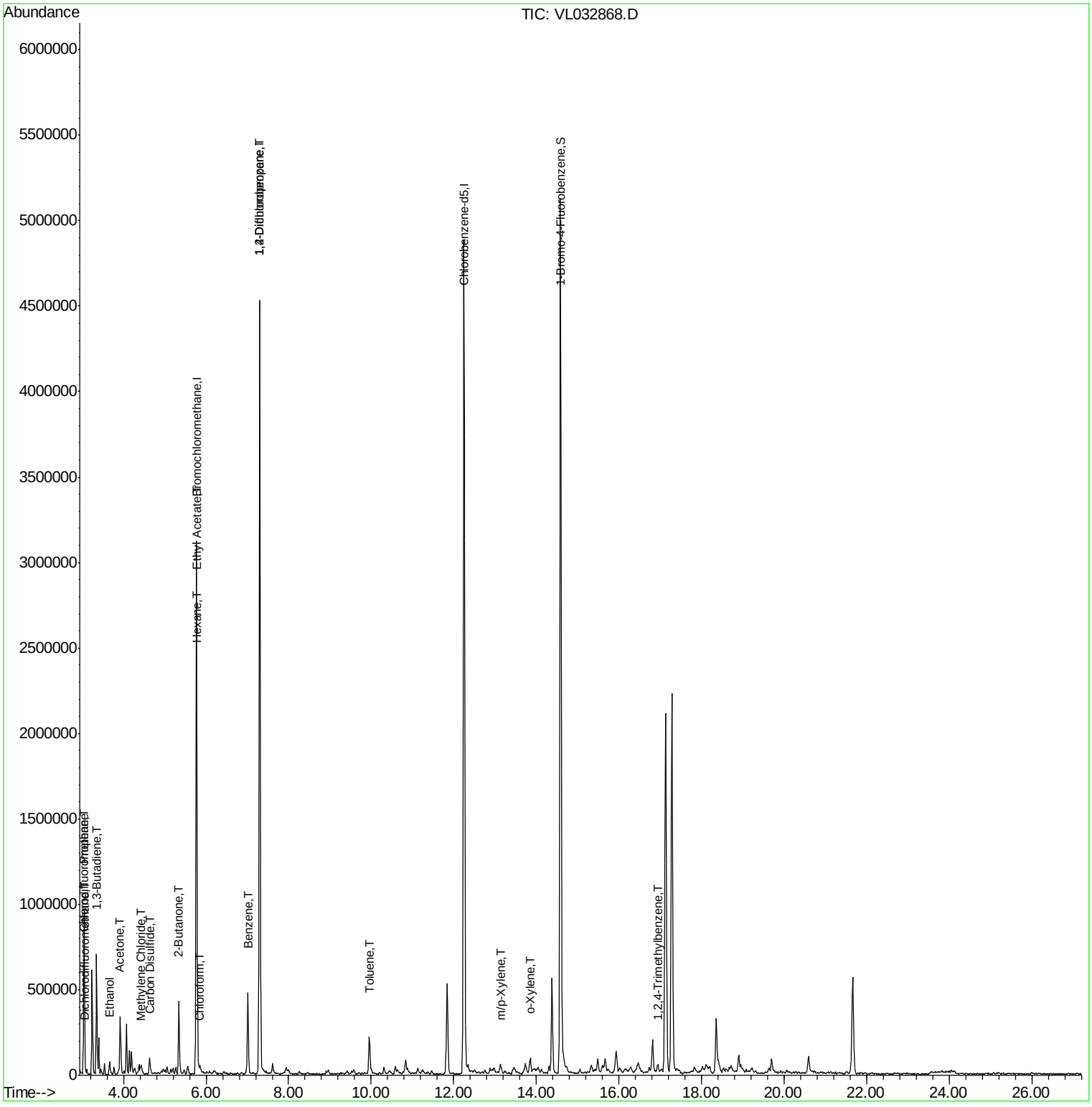
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\

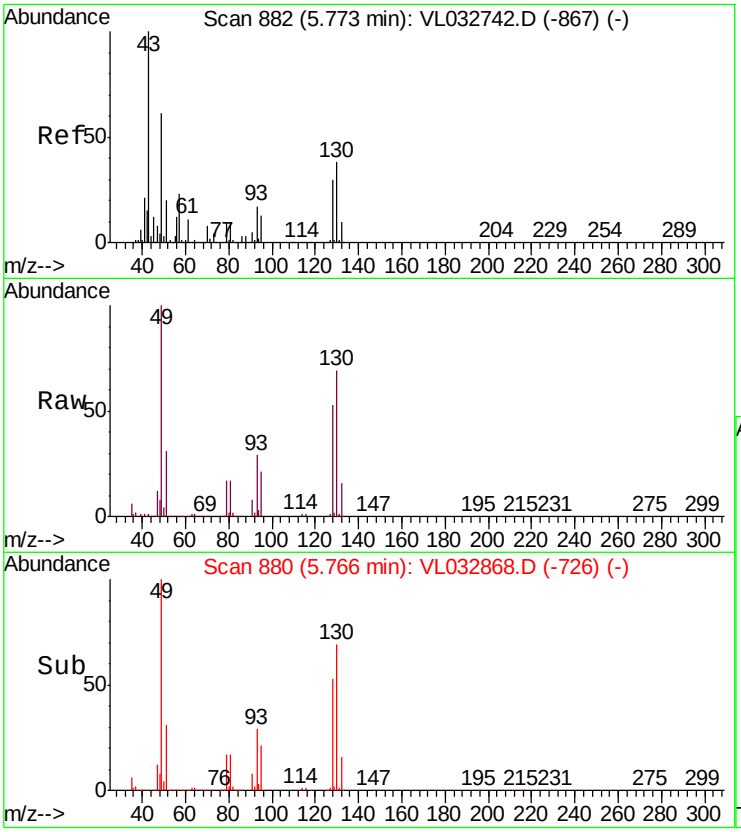
Quantitation Report (Not Reviewed)

Data File : VL032868.D
Acq On : 1 Dec 2018 3:28
Operator : SY/AP
Sample : J6132-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Quant Time: Dec 01 04:06:27 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



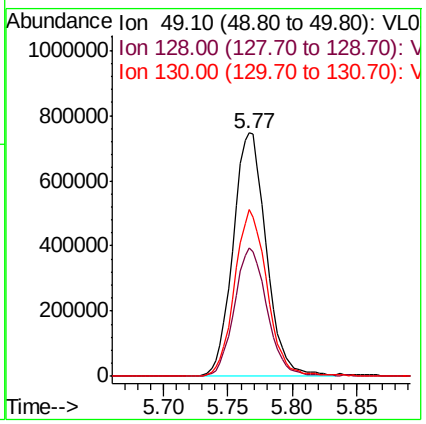


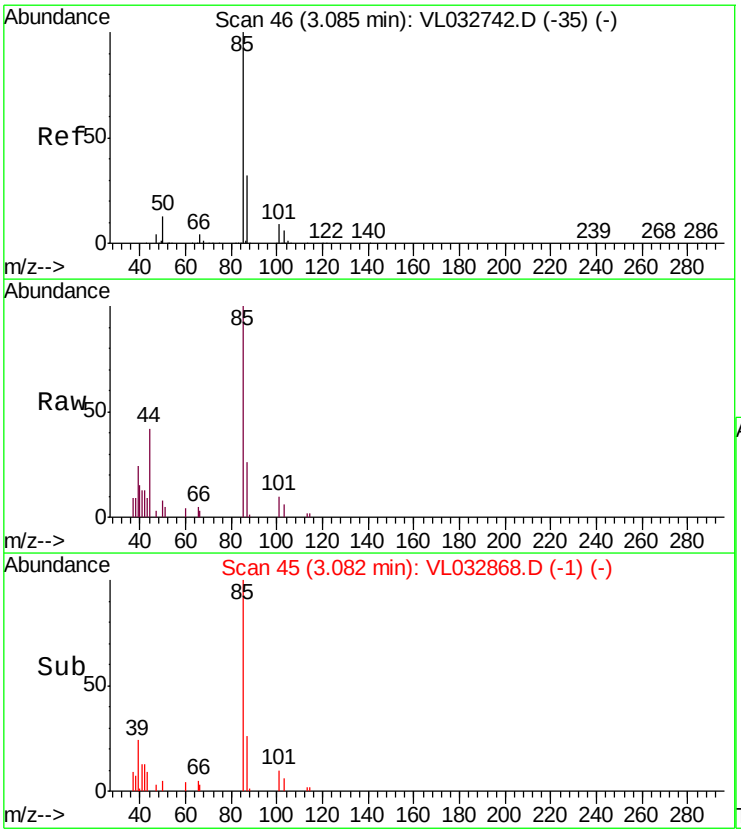
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tgt Ion: 49 Resp: 1339093

Ion	Ratio	Lower	Upper
49	100		
128	52.5	24.9	74.6
130	67.2	31.4	94.2

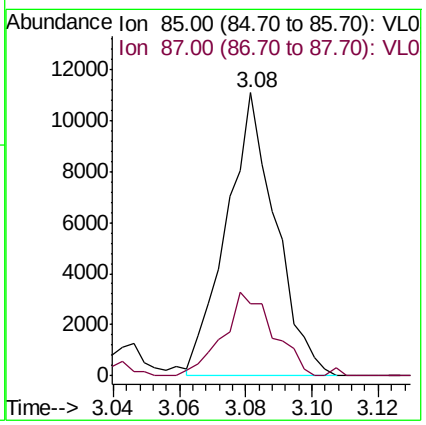


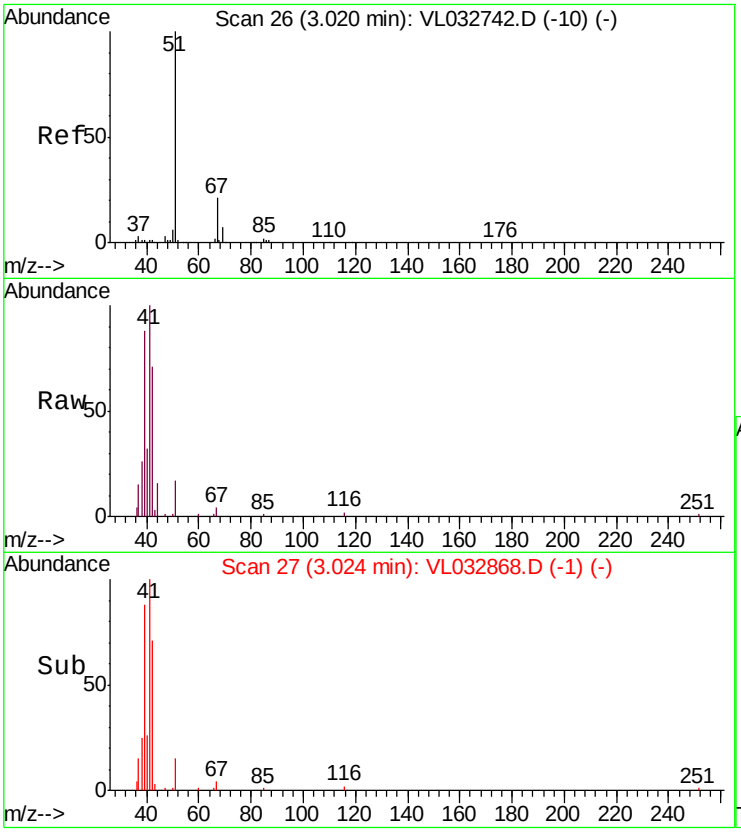


#2
Dichlorodifluoromethane
Concen: 0.059 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 85 Resp: 11422

Ion	Ratio	Lower	Upper
85	100		
87	23.6	26.0	39.0#



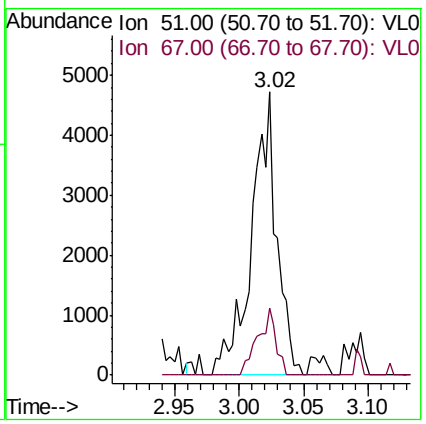


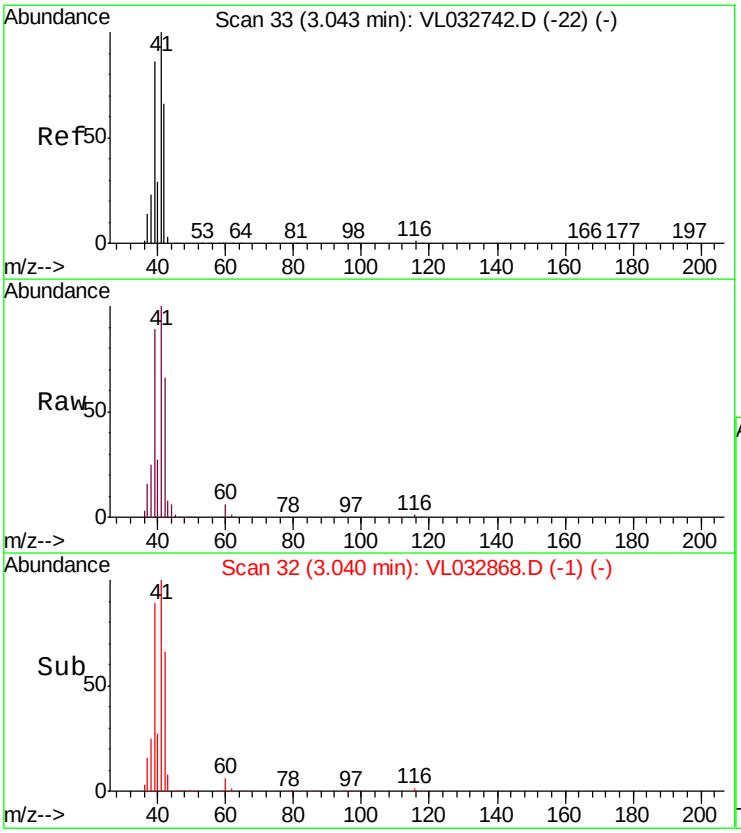
#3
Chlorodifluoromethane
Concen: 0.064 ppbv
RT: 3.02 min Scan# 27
Delta R.T. 0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tgt Ion: 51 Resp: 6812

Ion	Ratio	Lower	Upper
51	100		
67	16.2	16.1	24.1

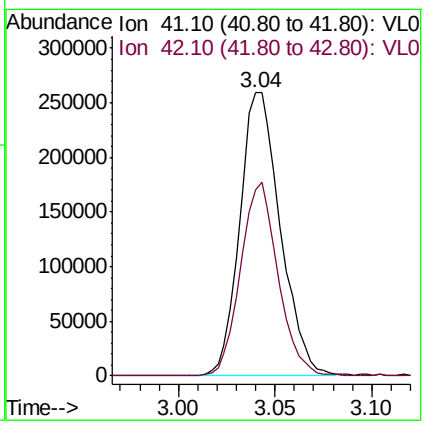


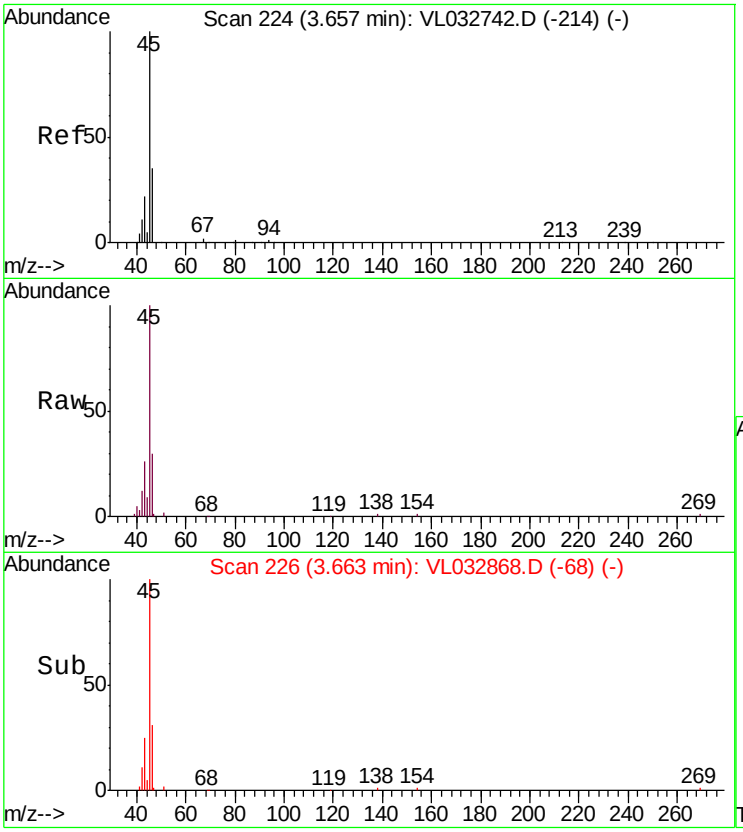


#9
Propene
Concen: 8.915 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 41 Resp: 378759

Ion	Ratio	Lower	Upper
41	100		
42	63.3	55.0	82.6



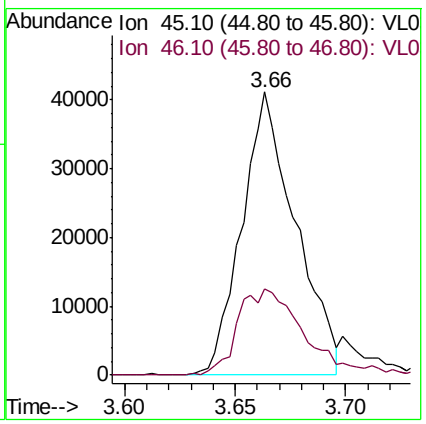


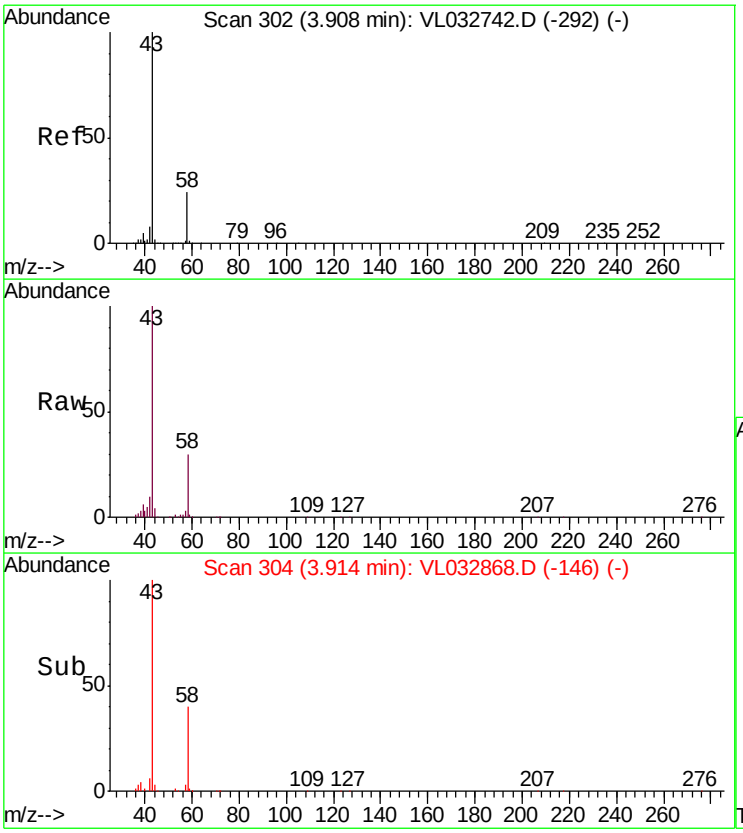
#13
Ethanol
Concen: 4.988 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tgt Ion: 45 Resp: 69415

Ion	Ratio	Lower	Upper
45	100		
46	38.8	14.5	57.9

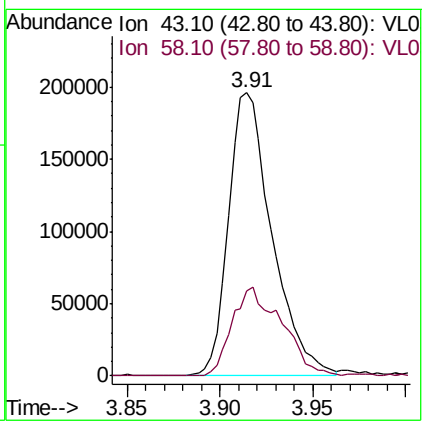


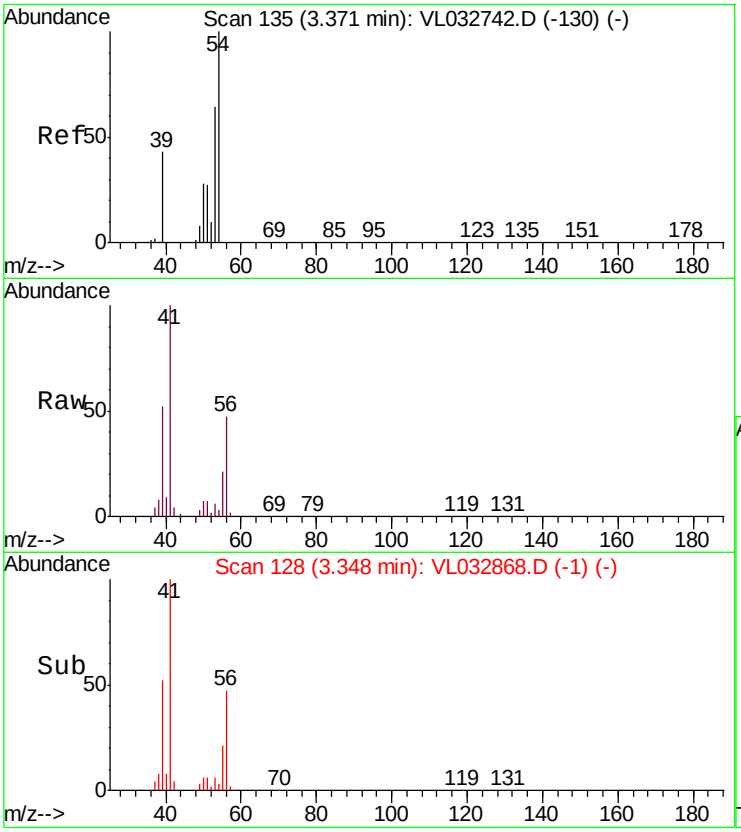


#15
Acetone
Concen: 2.611 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 43 Resp: 319250

Ion	Ratio	Lower	Upper
43	100		
58	36.7	21.1	31.7#



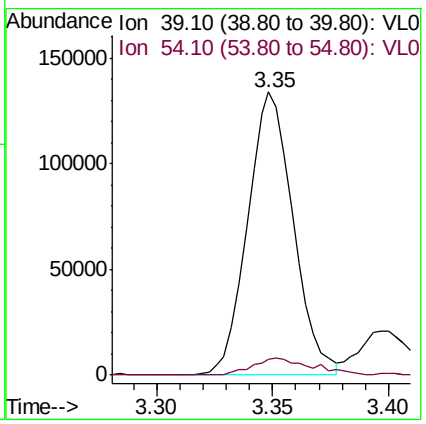


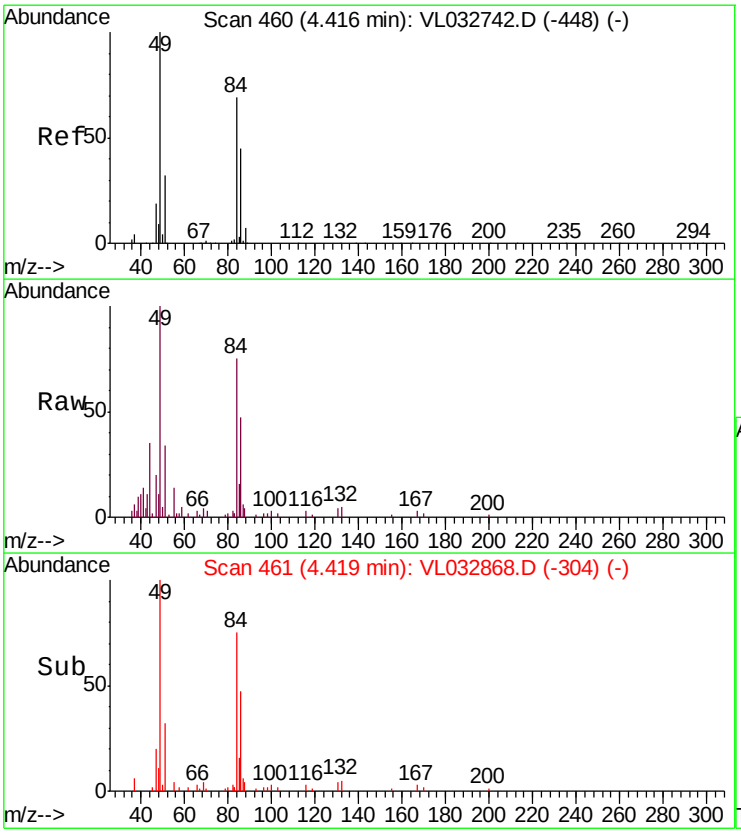
#16
1,3-Butadiene
Concen: 3.861 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Tgt Ion: 39 Resp: 182860

Ion	Ratio	Lower	Upper
39	100		
54	8.3	68.9	103.3#

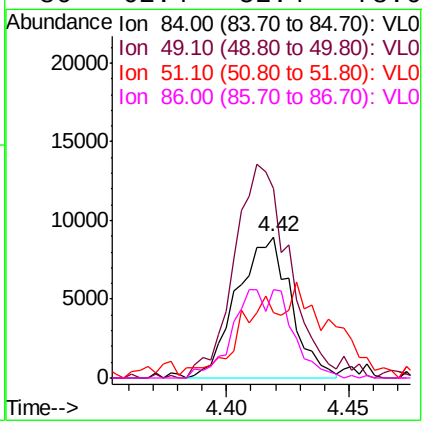


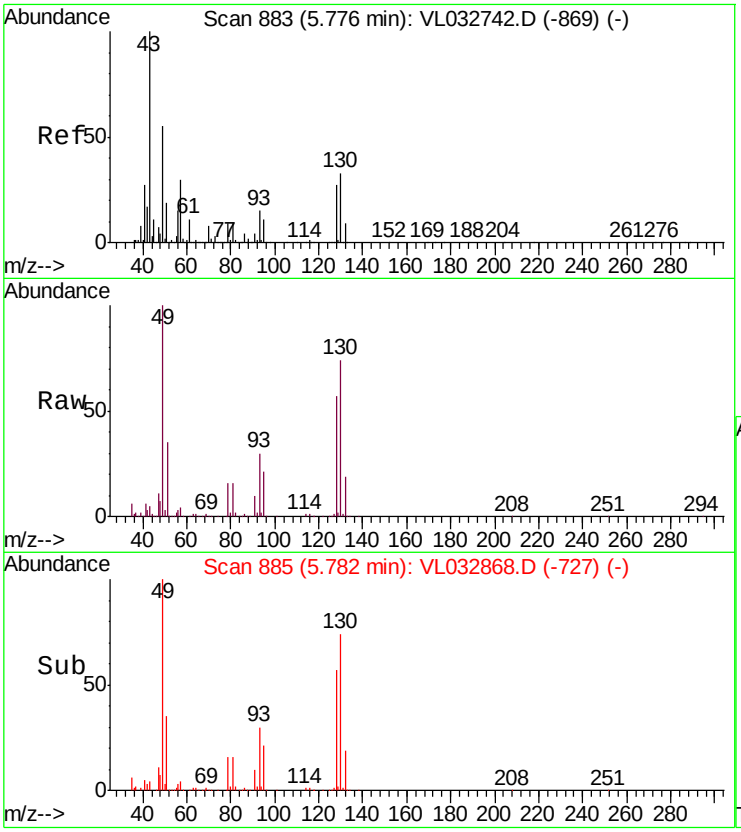


#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 84 Resp: 13759

Ion	Ratio	Lower	Upper
84	100		
49	134.1	115.8	173.6
51	38.3	36.9	55.3
86	62.4	52.4	78.6



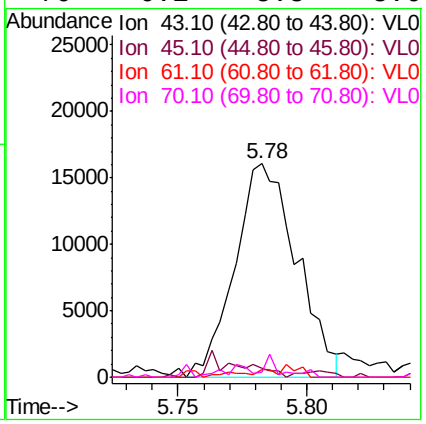


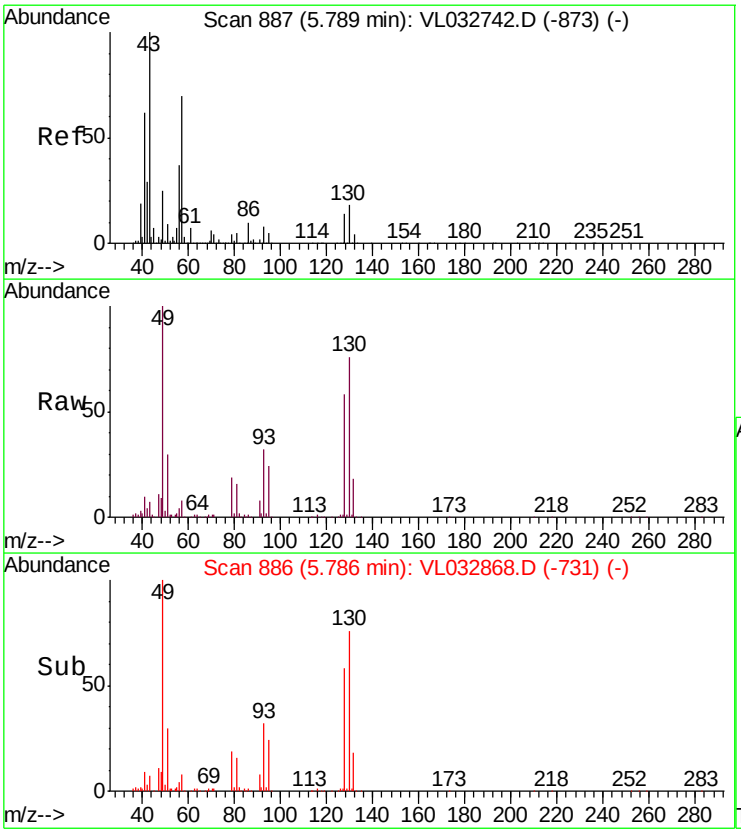
#25
Ethyl Acetate
Concen: 0.094 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Tgt Ion: 43 Resp: 26802

Ion	Ratio	Lower	Upper
43	100		
45	1.8	7.9	11.9#
61	4.4	7.8	11.6#
70	6.1	5.8	8.6

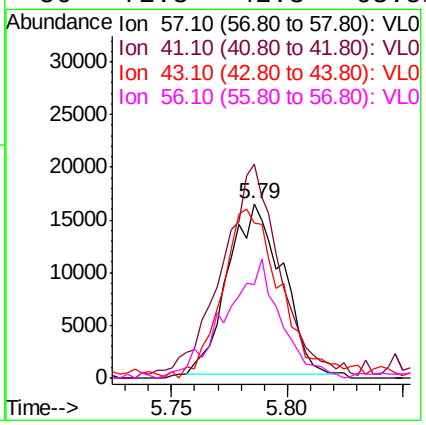


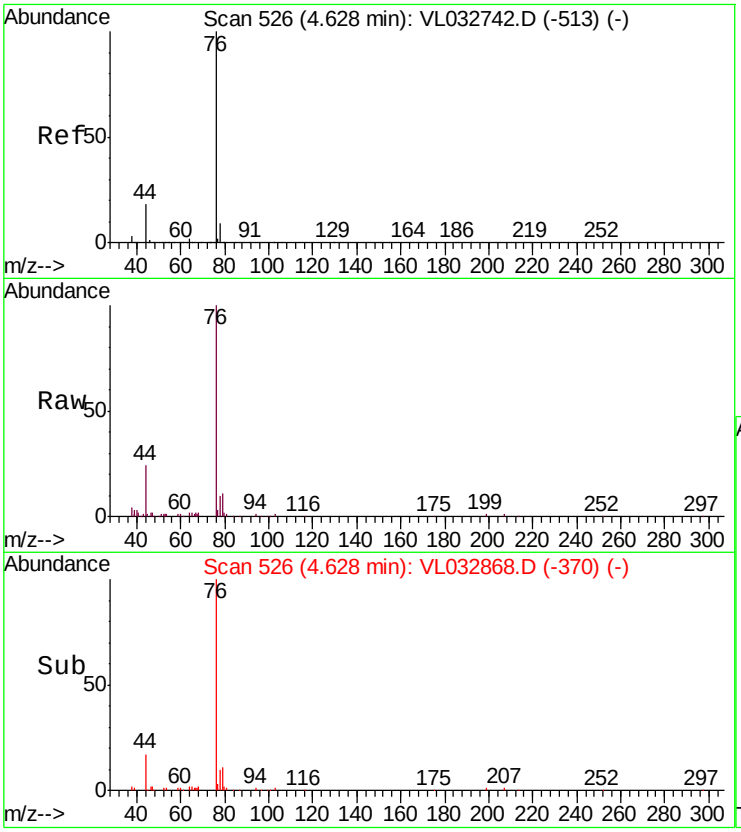


#26
Hexane
Concen: 0.208 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 57 Resp: 26448

Ion	Ratio	Lower	Upper
57	100		
41	148.6	70.3	105.5#
43	116.4	174.0	261.0#
56	72.3	42.3	63.5#



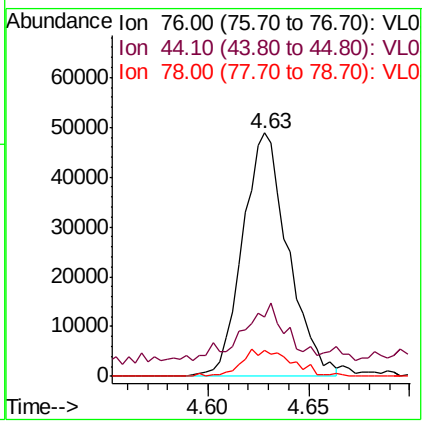


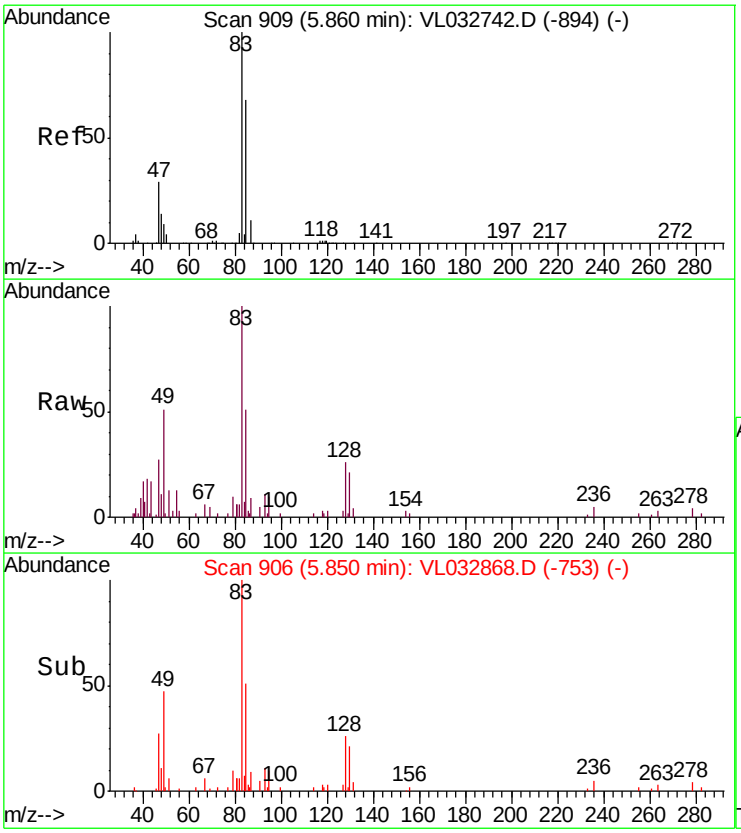
#27
Carbon Disulfide
Concen: 0.479 ppbv
RT: 4.63 min Scan# 526
Delta R.T. 0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Tgt Ion: 76 Resp: 77087

Ion	Ratio	Lower	Upper
76	100		
44	28.1	14.4	21.6#
78	12.2	7.7	11.5#

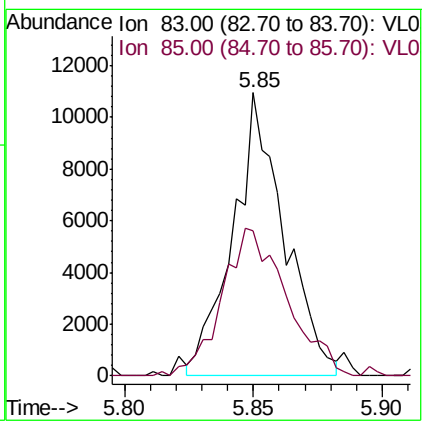


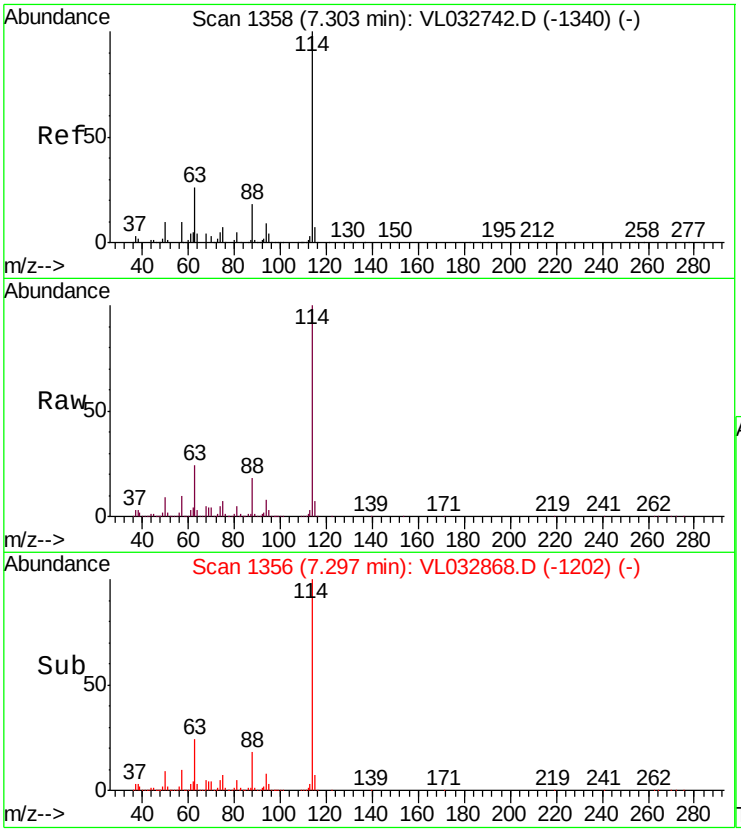


#29
Chloroform
Concen: 0.067 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 83 Resp: 15222

Ion	Ratio	Lower	Upper
83	100		
85	52.7	54.2	81.4#



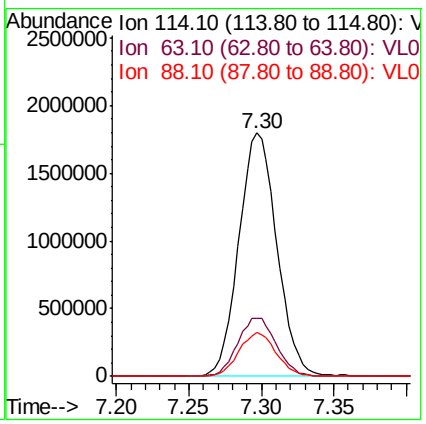


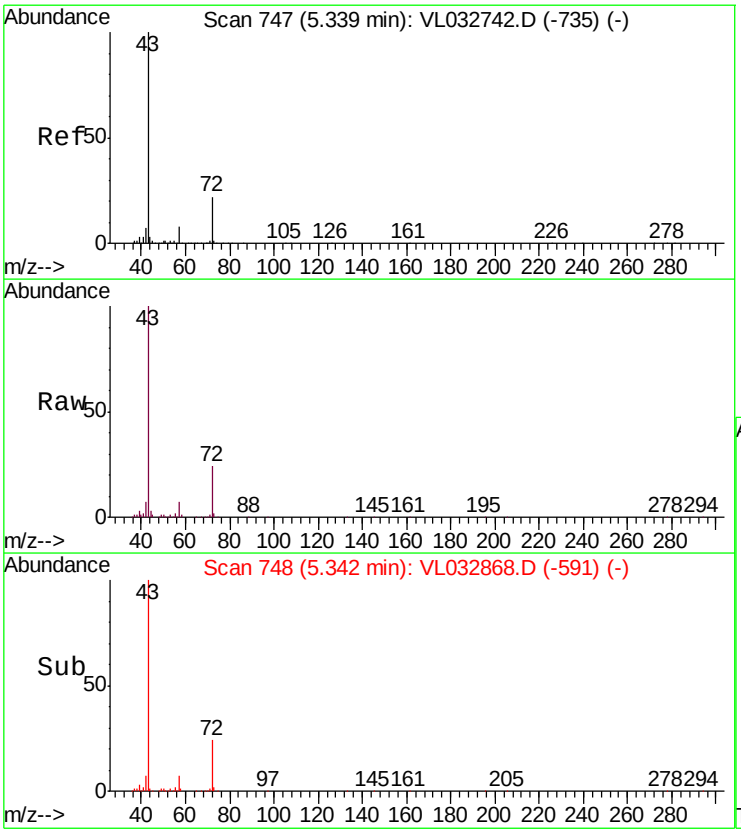
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tgt Ion:114 Resp: 3275208

Ion	Ratio	Lower	Upper
114	100		
63	24.4	20.9	31.3
88	17.6	14.4	21.6

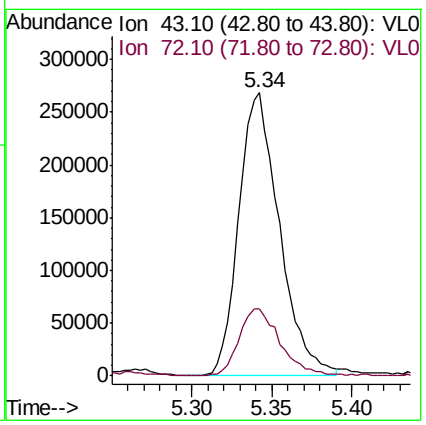


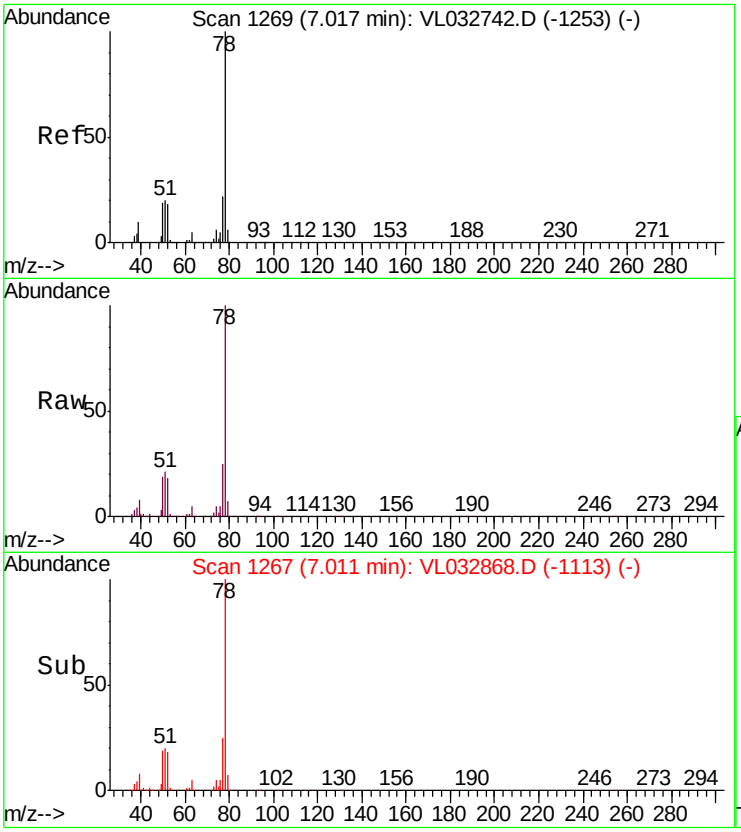


#34
2-Butanone
Concen: 2.739 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 43 Resp: 465359

Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.4	27.6



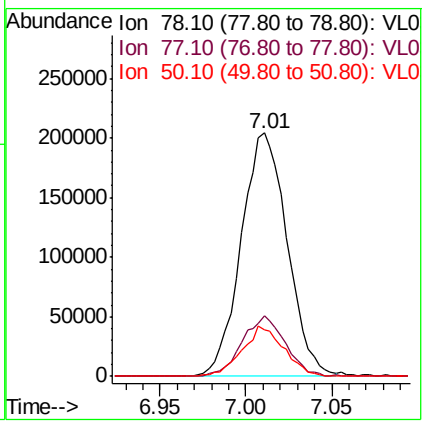


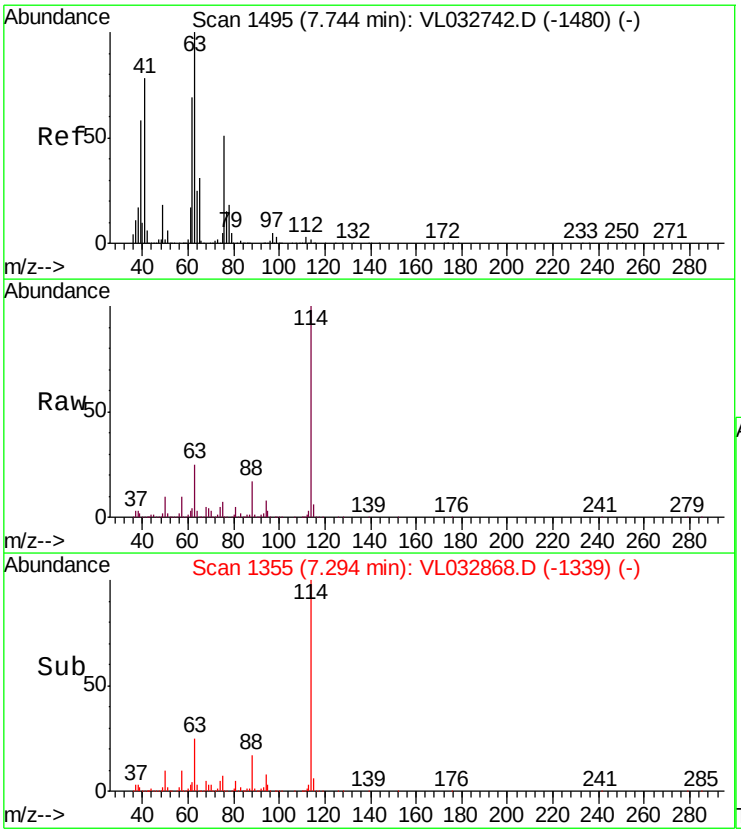
#36
Benzene
Concen: 1.451 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tgt Ion: 78 Resp: 378543

Ion	Ratio	Lower	Upper
78	100		
77	25.0	17.8	26.8
50	19.0	15.4	23.0

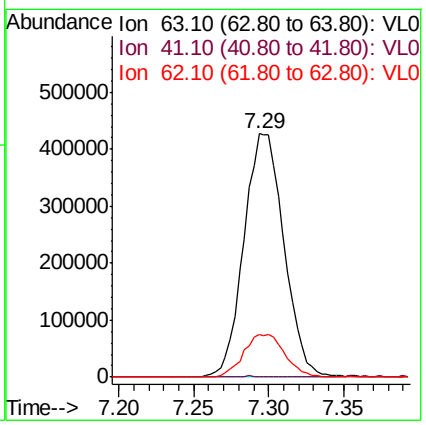


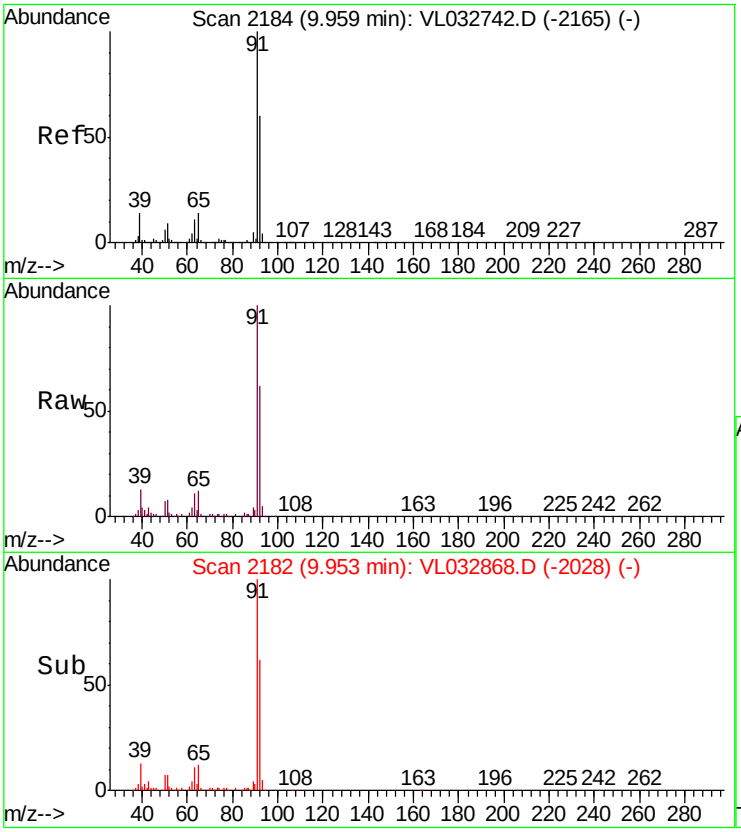


#39
1,2-Dichloropropane
Concen: 8.016 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 63 Resp: 796570

Ion	Ratio	Lower	Upper
63	100		
41	0.2	62.0	93.0#
62	17.3	55.4	83.2#



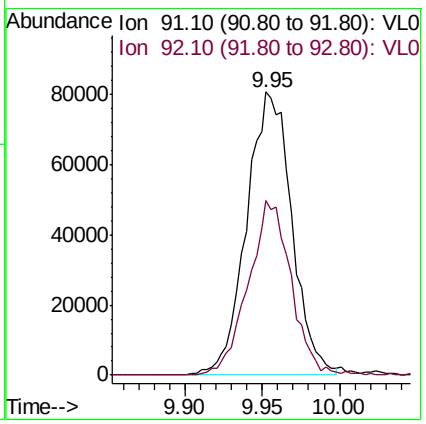


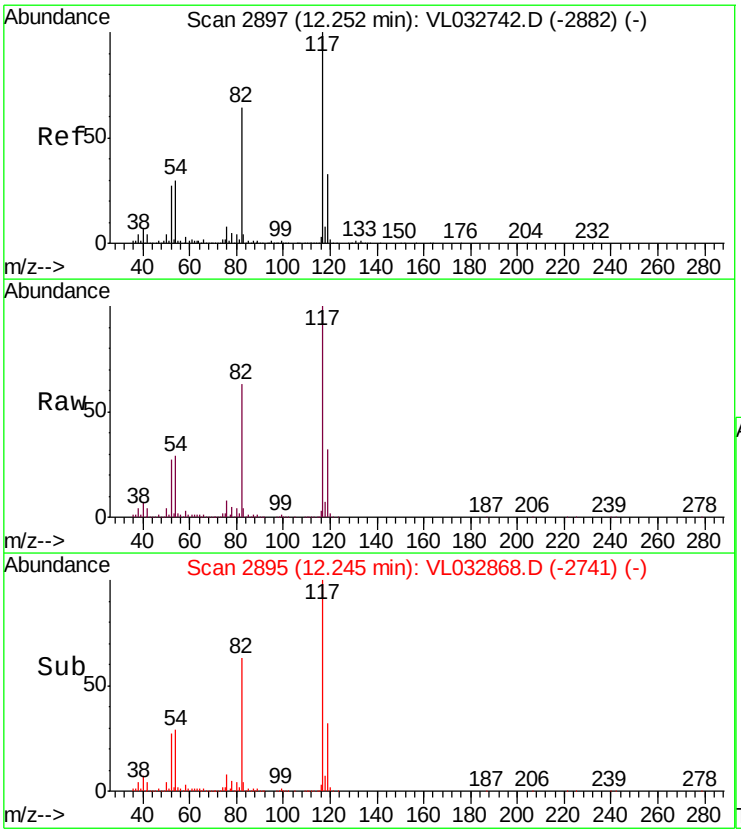
#53
Toluene
Concen: 0.602 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Tgt Ion: 91 Resp: 163694

Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.9	71.9

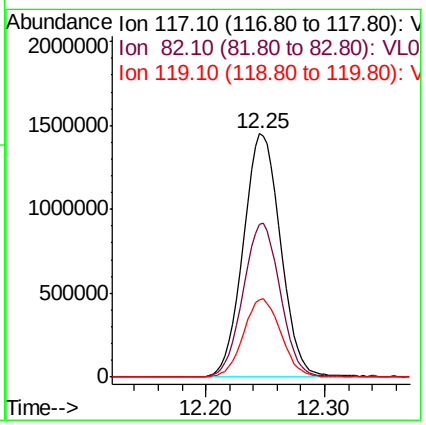


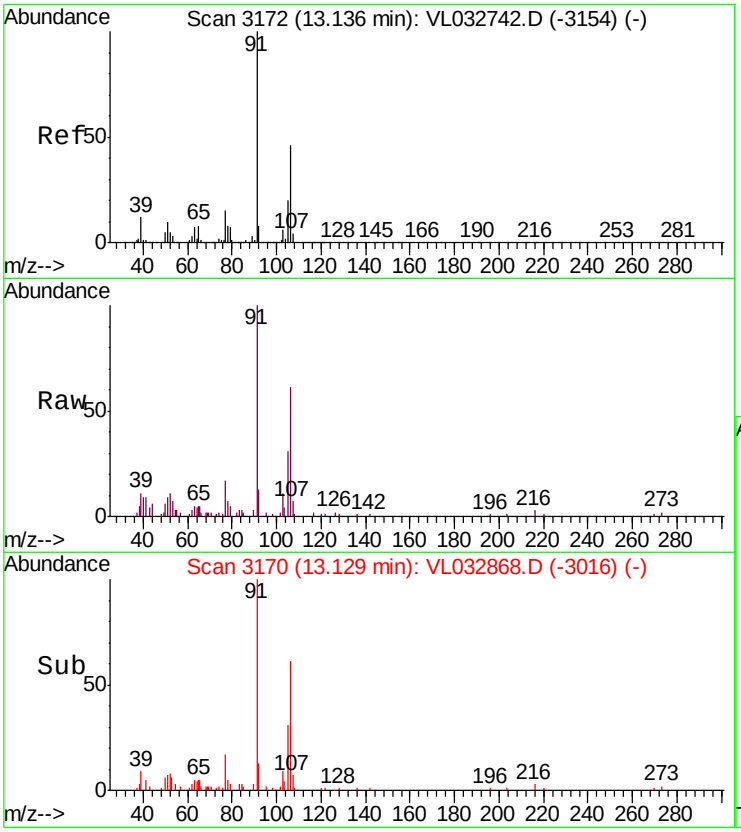


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion:117 Resp: 3148559

Ion	Ratio	Lower	Upper
117	100		
82	63.1	51.0	76.6
119	32.5	28.0	42.0



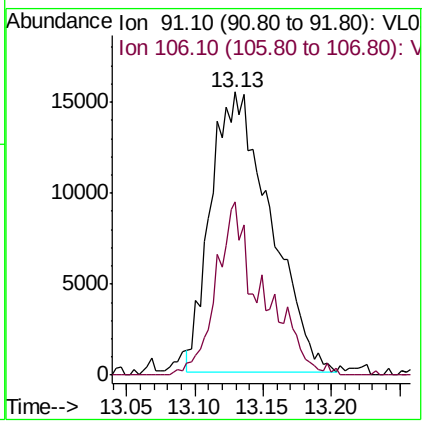


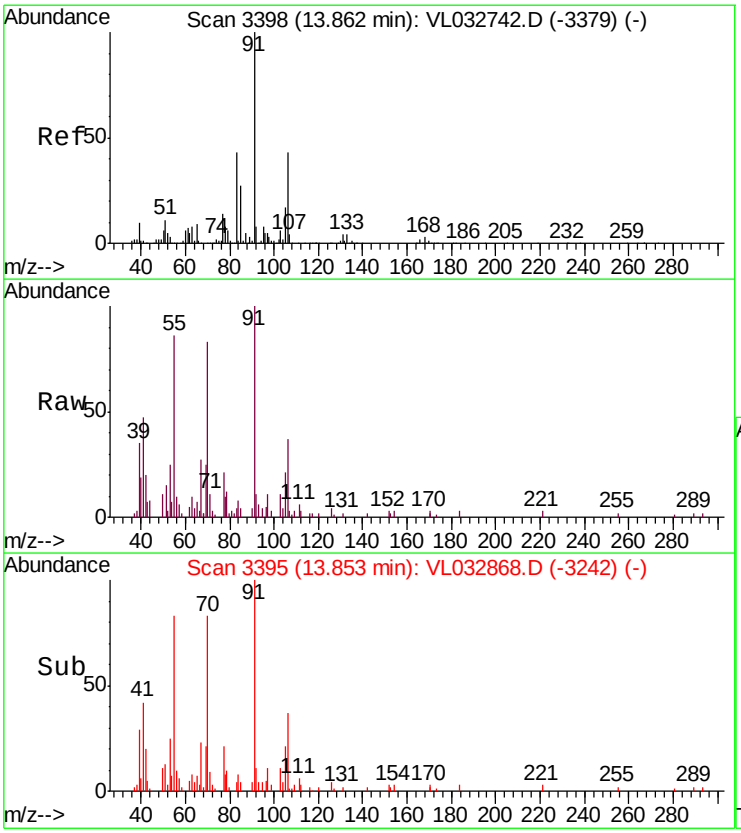
#59
m/p-Xylene
Concen: 0.139 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument : MSVOA_L
ClientSampleId : DSV-06DL

Tgt Ion: 91 Resp: 46797

Ion	Ratio	Lower	Upper
91	100		
106	48.2	36.1	54.1

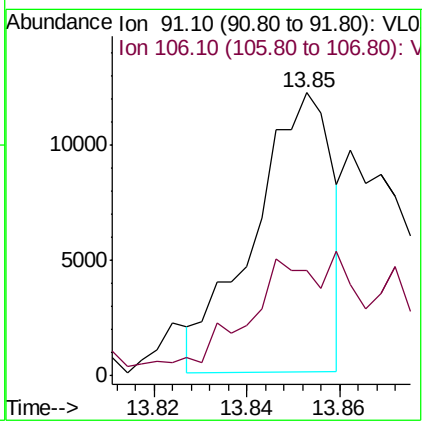


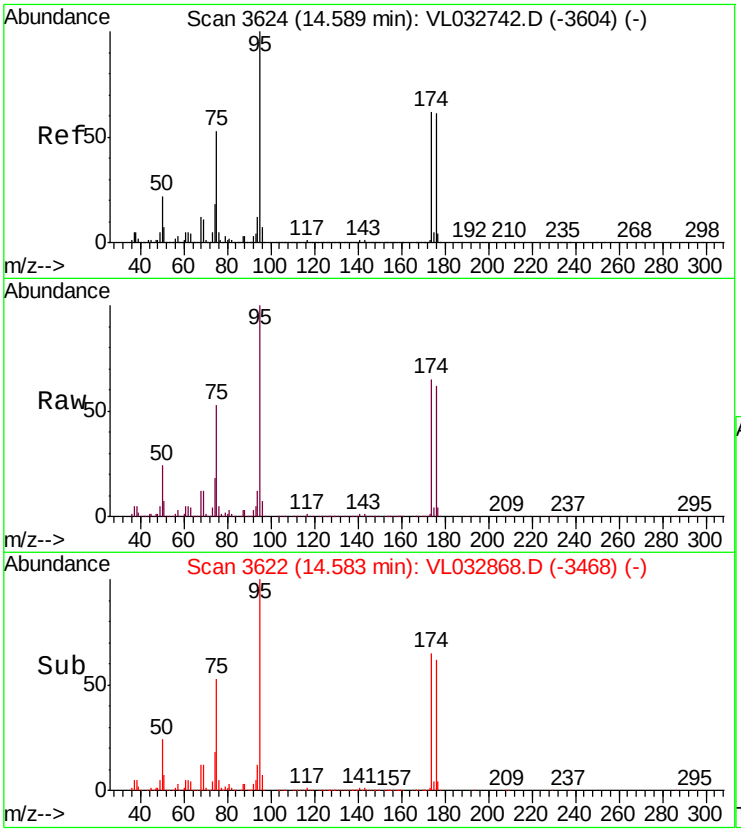


#60
o-Xylene
Concen: 0.042 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion: 91 Resp: 14257

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	65.7#



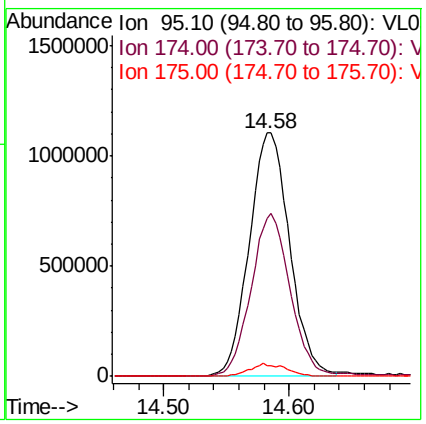


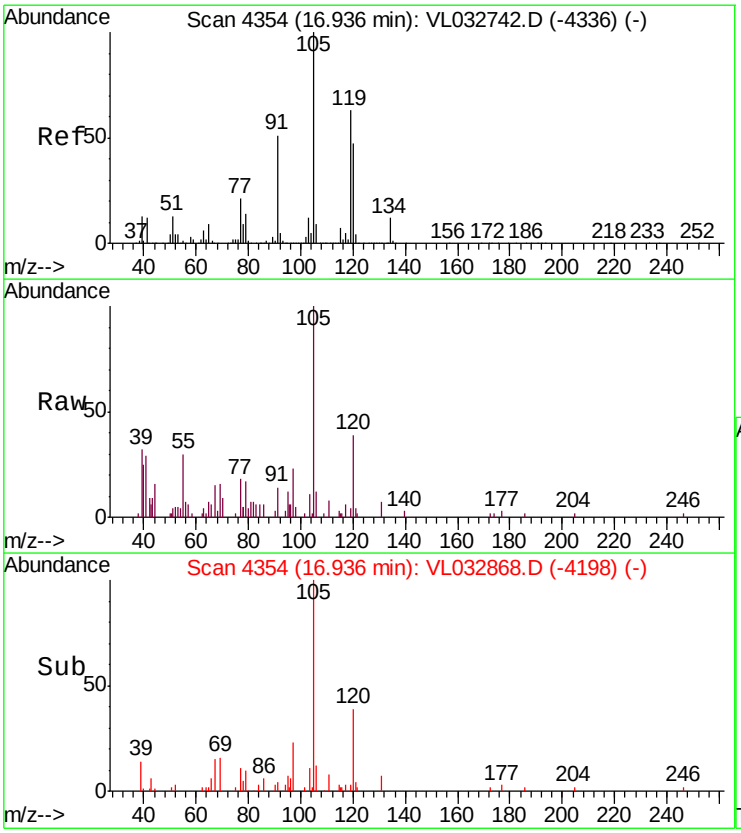
#68
1-Bromo-4-Fluorobenzene
Concen: 10.527 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tgt Ion: 95 Resp: 2479100

Ion	Ratio	Lower	Upper
95	100		
174	66.0	50.7	76.1
175	4.9	3.8	5.6





#74
1,2,4-Trimethylbenzene
Concen: 0.038 ppbv
RT: 16.94 min Scan# 4354
Delta R.T. 0.00 min
Lab File: VL032868.D
Acq: 1 Dec 2018 3:28

Tgt Ion:105 Resp: 14692

Ion	Ratio	Lower	Upper
105	100		
120	21.6	37.6	56.4#
91	10.7	42.5	63.7#
77	15.1	17.4	26.2#