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

Quantitation Report (Not Reviewed)

Data File : VL032856.D
Acq On : 30 Nov 2018 19:41
Operator : SY/AP
Sample : J6132-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Quant Time: Dec 01 02:25:23 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	1519164	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3784008	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3561709	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2677067	10.05	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	11105	0.051	ppbv		99
3) Chlorodifluoromethane	3.02	51	6364	0.053	ppbv		95
4) Chloromethane	3.17	50	3573	0.054	ppbv	#	85
9) Propene	3.04	41	358459	7.437	ppbv		93
13) Ethanol	3.66	45	86629	5.487	ppbv		94
15) Acetone	3.91	43	324058	2.336	ppbv		94
16) 1,3-Butadiene	3.35	39	104348	1.942	ppbv	#	18
17) tert-Butyl alcohol	4.39	59	3479	0.080	ppbv	#	73
19) Isopropyl Alcohol	4.06	45	4568	0.049	ppbv	#	95
20) Methylene Chloride	4.42	84	32137	0.447	ppbv		83
25) Ethyl Acetate	5.79	43	47768	0.148	ppbv	#	84
26) Hexane	5.78	57	30565	0.212	ppbv	#	1
27) Carbon Disulfide	4.63	76	55219	0.303	ppbv	#	72
30) Cyclohexane	7.25	84	5208	0.041	ppbv	#	1
34) 2-Butanone	5.34	43	181853	0.927	ppbv		99
36) Benzene	7.01	78	69443	0.230	ppbv		98
39) 1,2-Dichloropropane	7.30	63	890653	7.758	ppbv	#	23
53) Toluene	9.95	91	25478	0.081	ppbv	#	21
59) m/p-Xylene	13.13	91	16579	0.043	ppbv	#	31
60) o-Xylene	13.86	91	25839	0.067	ppbv		97
74) 1,2,4-Trimethylbenzene	16.93	105	25729	0.058	ppbv	#	69

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

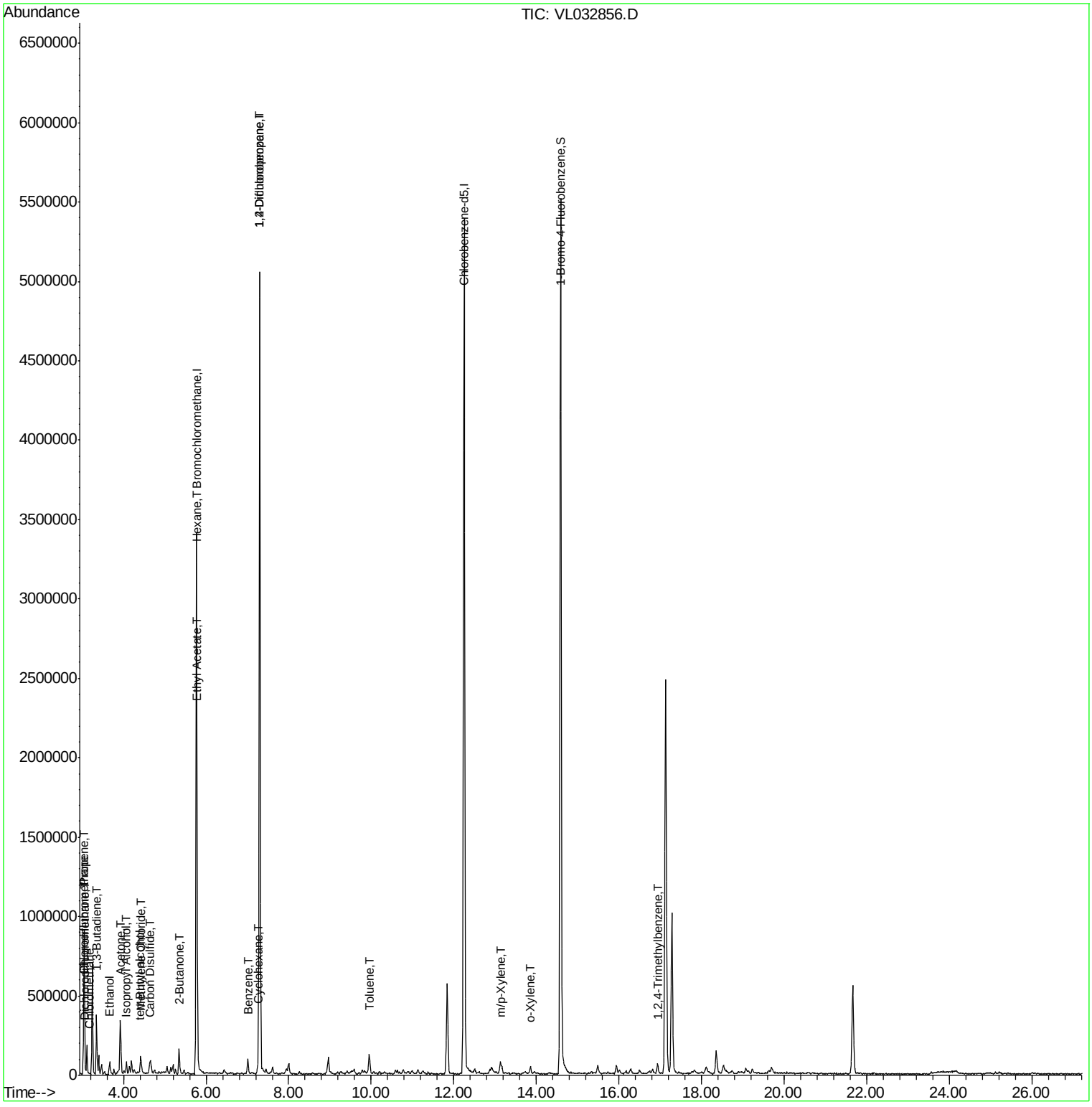
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\

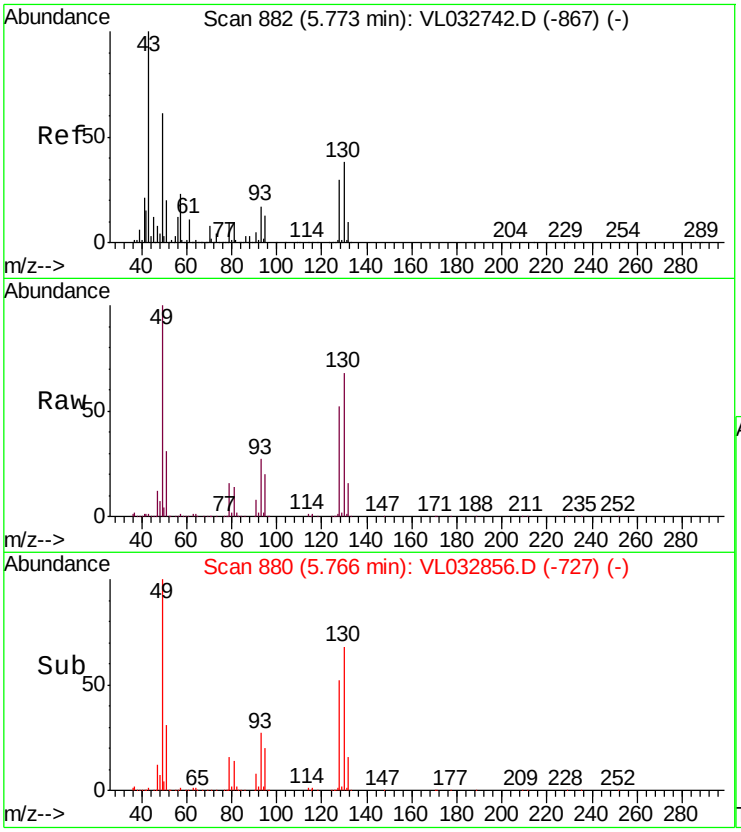
Quantitation Report (Not Reviewed)

Data File : VL032856.D
Acq On : 30 Nov 2018 19:41
Operator : SY/AP
Sample : J6132-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Quant Time: Dec 01 02:25:23 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



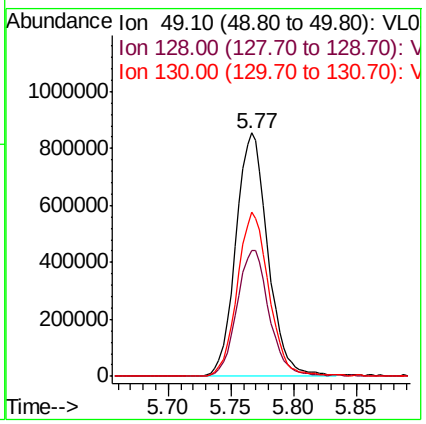


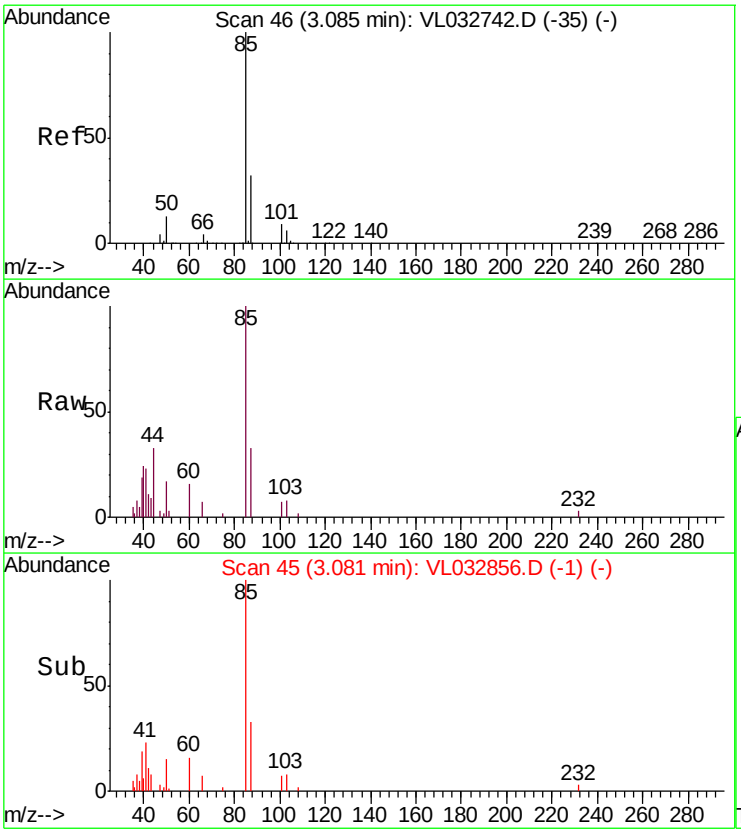
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 49 Resp: 1519164

Ion	Ratio	Lower	Upper
49	100		
128	52.7	24.9	74.6
130	67.3	31.4	94.2

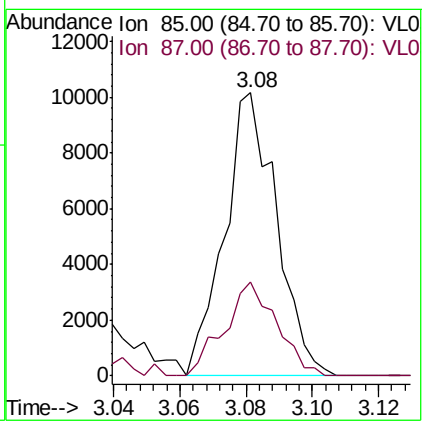


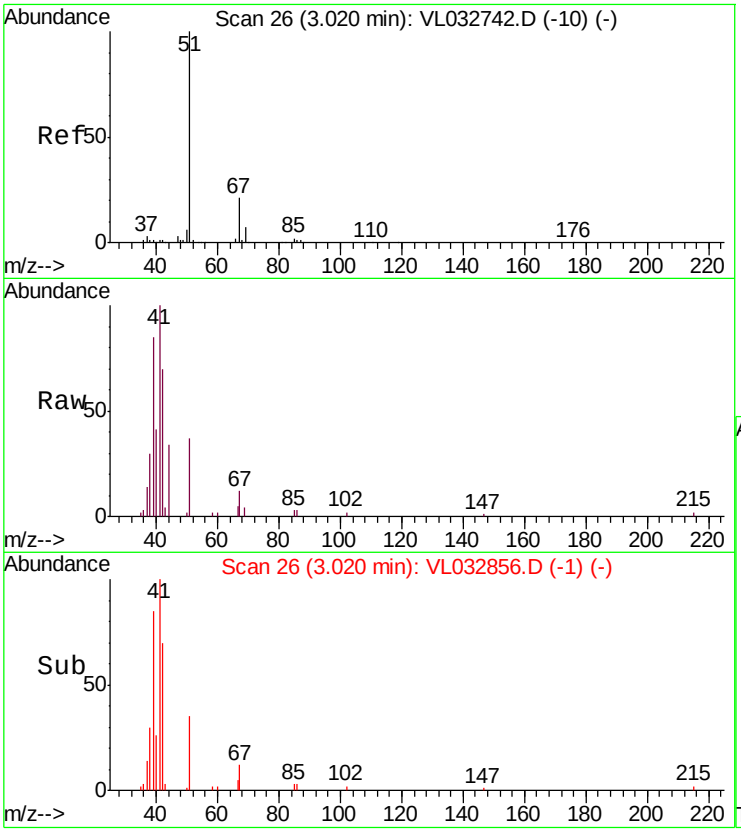


#2
Dichlorodifluoromethane
Concen: 0.051 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 85 Resp: 11105

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.0	39.0



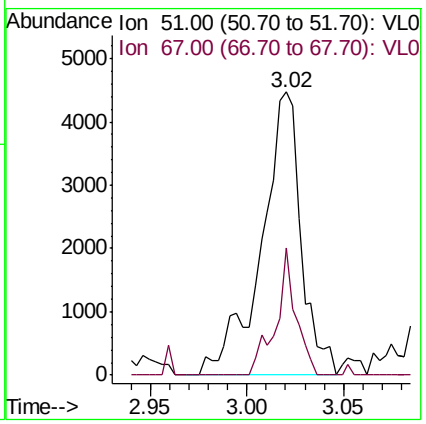


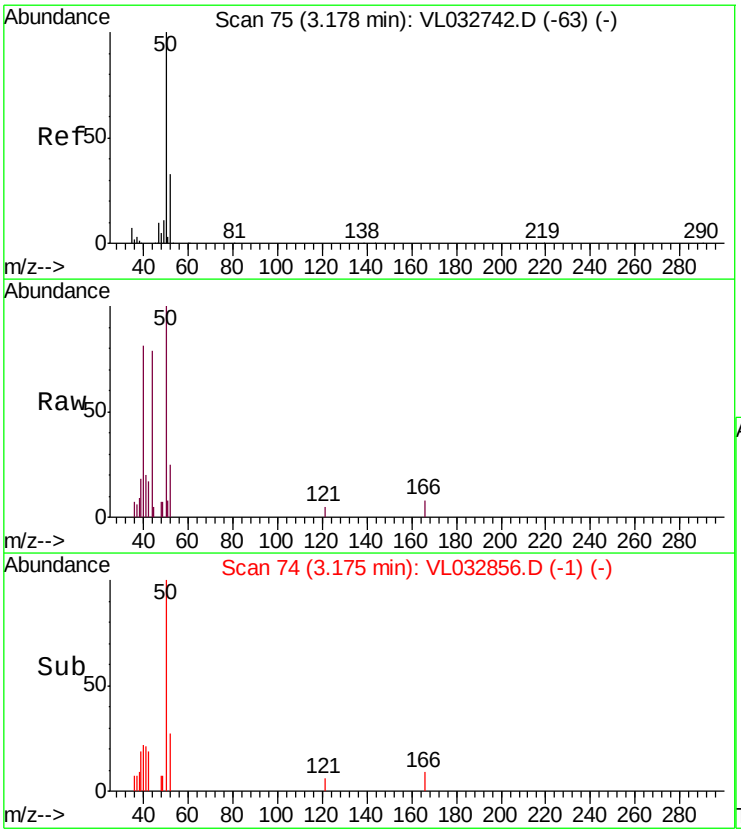
#3
Chlorodifluoromethane
Concen: 0.053 ppbv
RT: 3.02 min Scan# 26
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 51 Resp: 6364

Ion	Ratio	Lower	Upper
51	100		
67	22.6	16.1	24.1

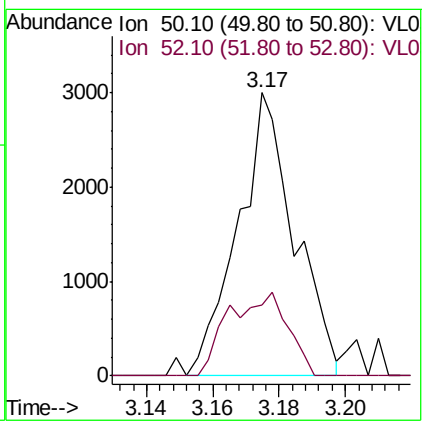


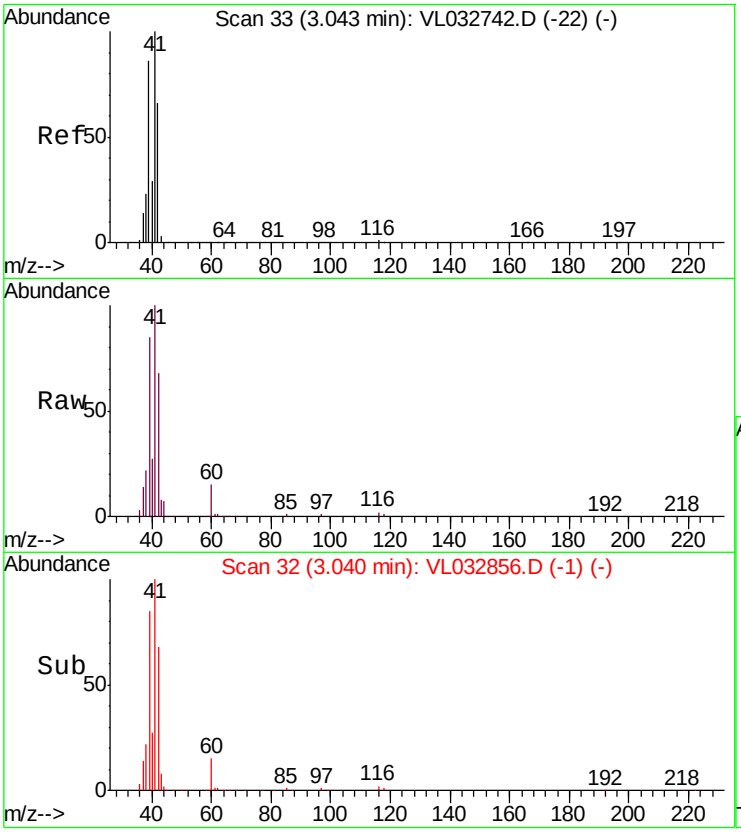


#4
Chloromethane
Concen: 0.054 ppbv
RT: 3.17 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 50 Resp: 3573

Ion	Ratio	Lower	Upper
50	100		
52	25.1	26.6	40.0#



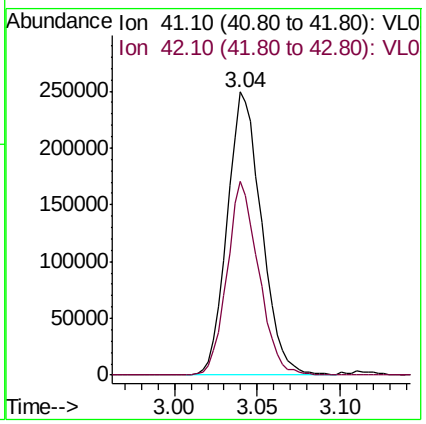


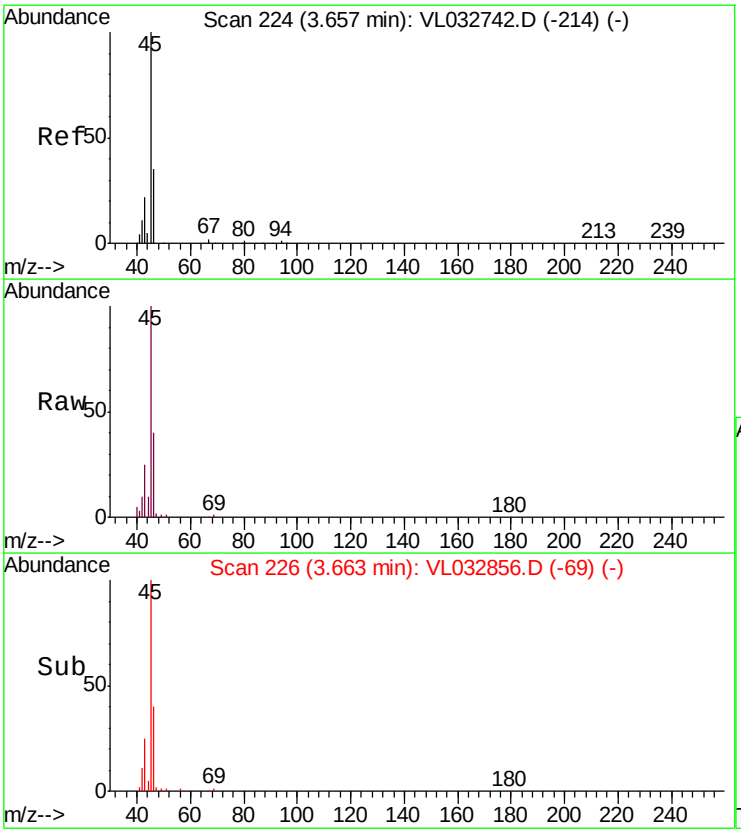
#9
Propene
Concen: 7.437 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 41 Resp: 358459

Ion	Ratio	Lower	Upper
41	100		
42	63.3	55.0	82.6

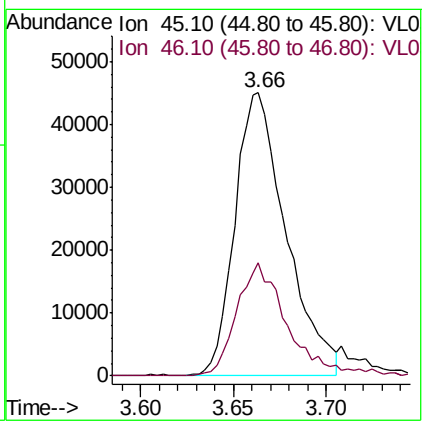


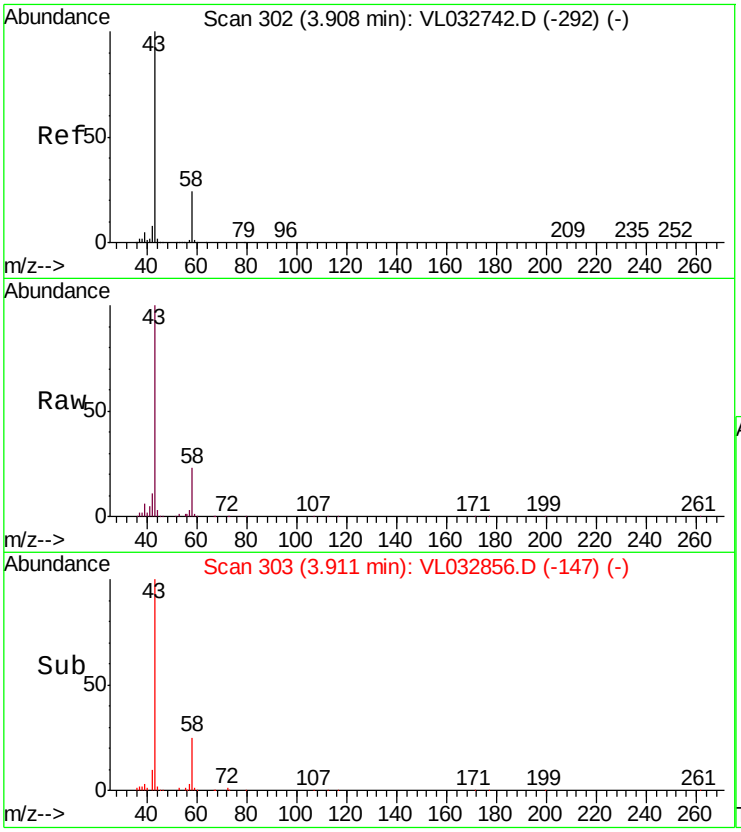


#13
Ethanol
Concen: 5.487 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 45 Resp: 86629

Ion	Ratio	Lower	Upper
45	100		
46	39.6	14.5	57.9



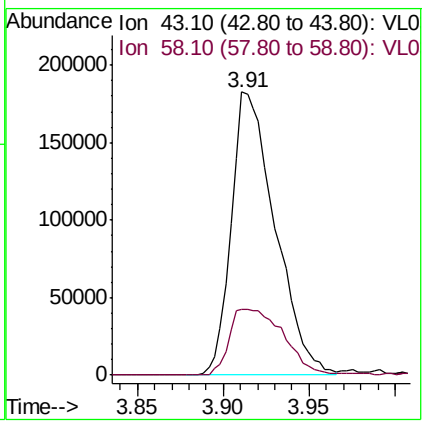


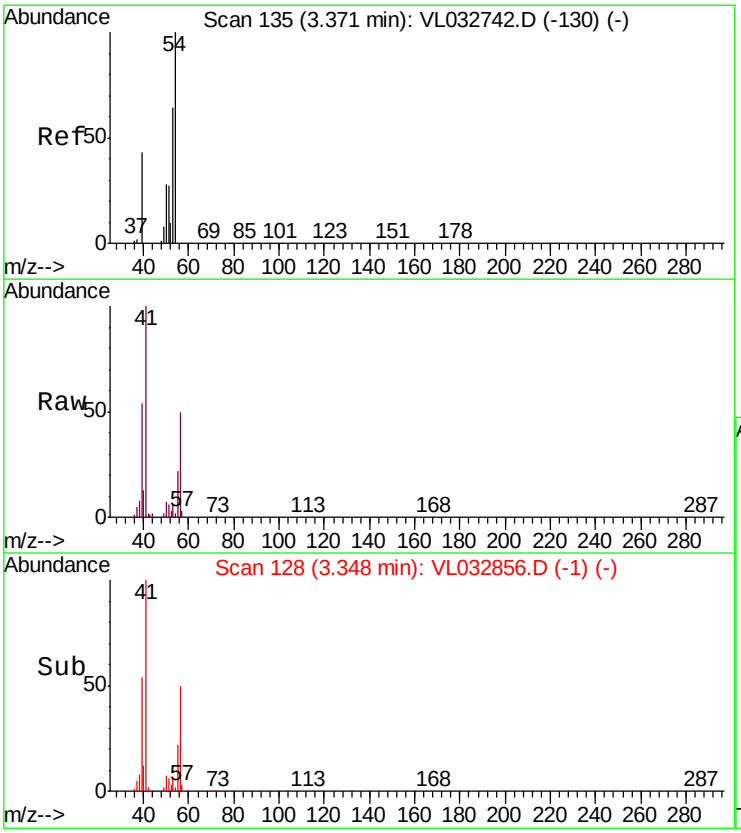
#15
Acetone
Concen: 2.336 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 43 Resp: 324058

Ion	Ratio	Lower	Upper
43	100		
58	29.5	21.1	31.7

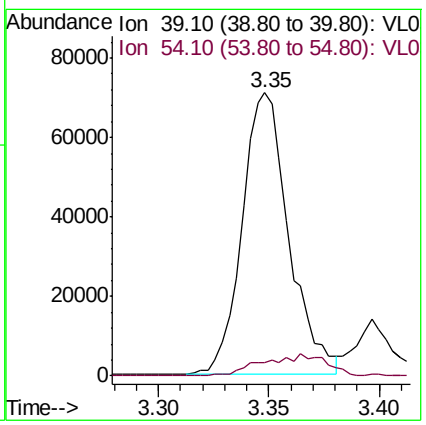


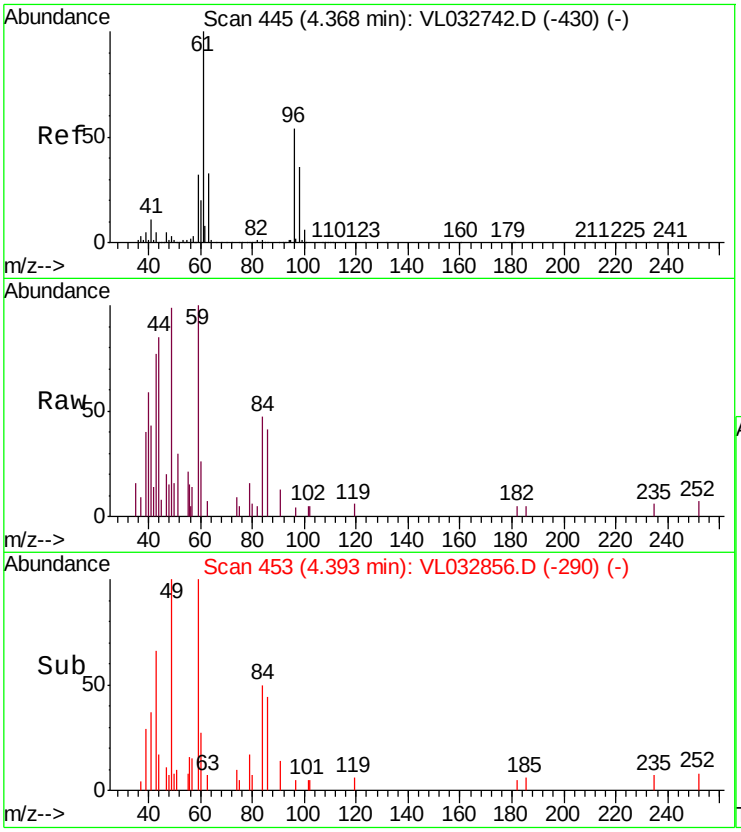


#16
1,3-Butadiene
Concen: 1.942 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 39 Resp: 104348

Ion	Ratio	Lower	Upper
39	100		
54	10.6	68.9	103.3#



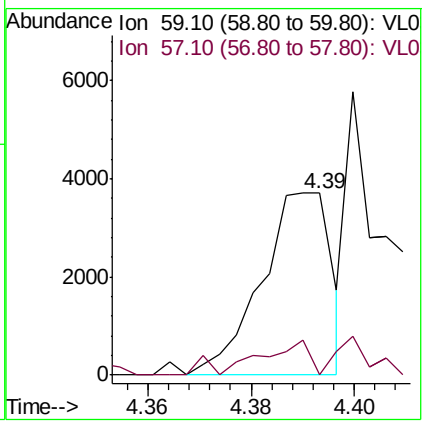


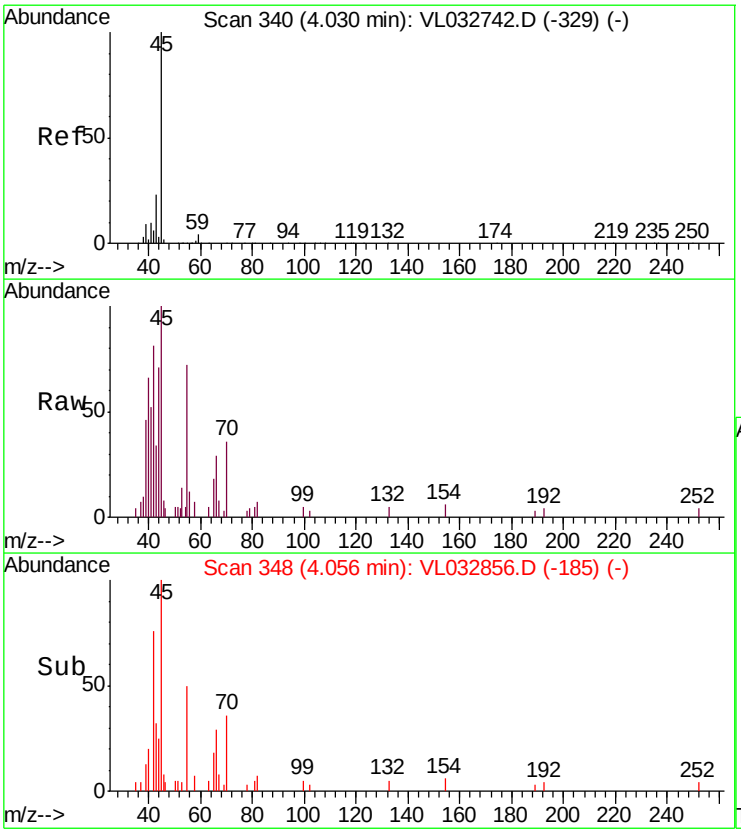
#17
tert-Butyl alcohol
Concen: 0.080 ppbv
RT: 4.39 min Scan# 453
Delta R.T. 0.03 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 59 Resp: 3479

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

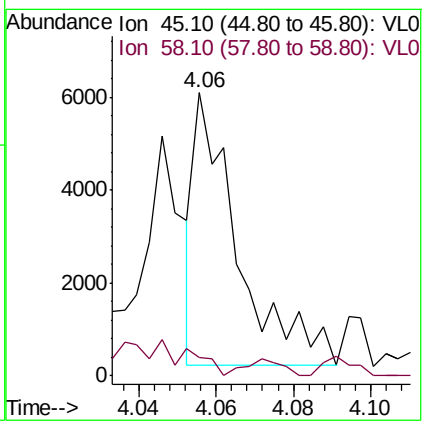


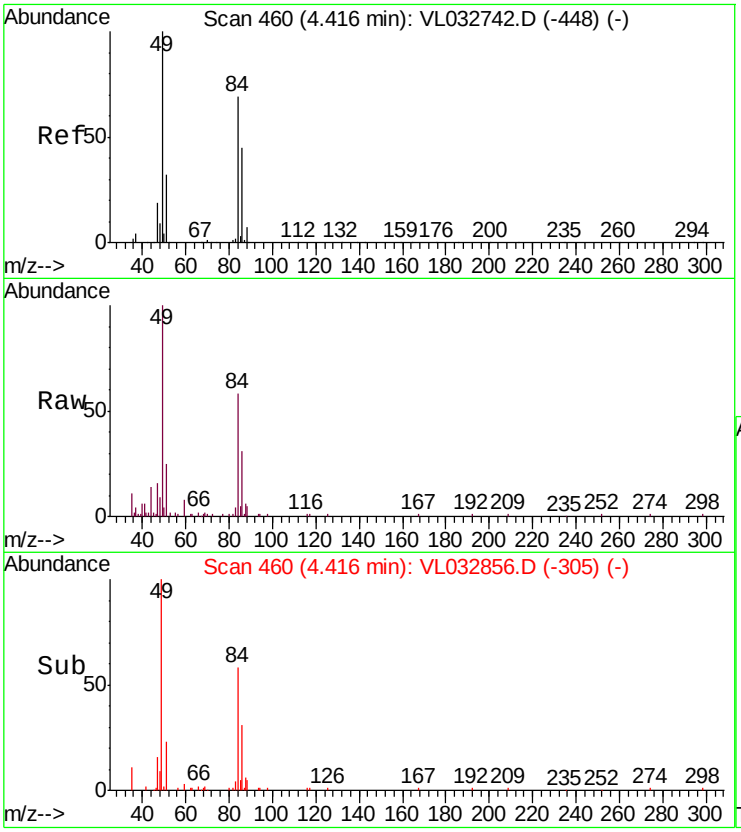


#19
Isopropyl Alcohol
Concen: 0.049 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.03 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 45 Resp: 4568

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.0#



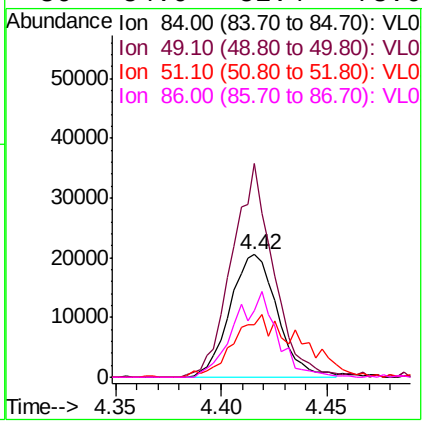


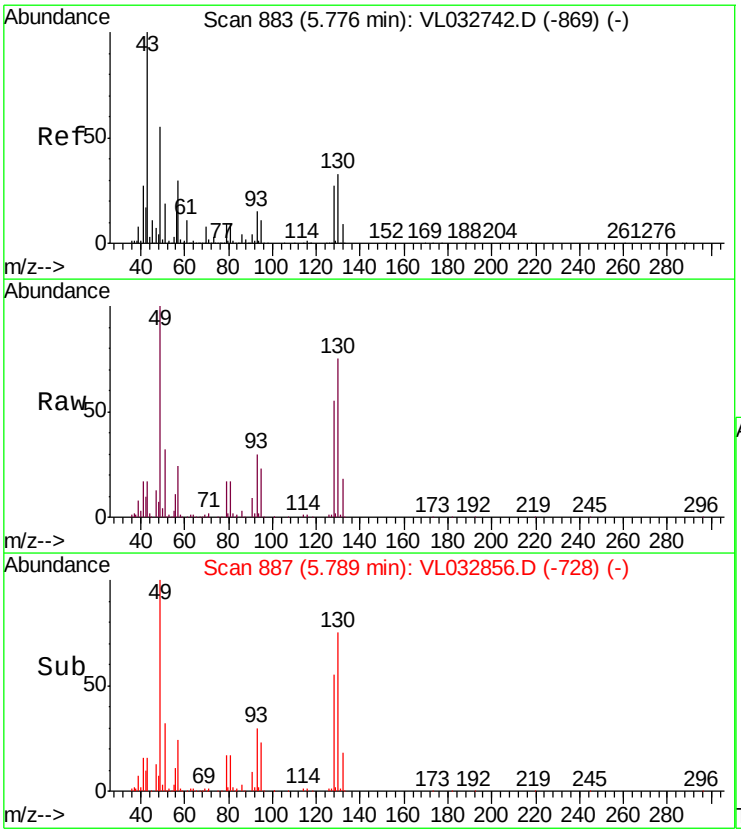
#20
Methylene Chloride
Concen: 0.447 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Tgt Ion: 84 Resp: 32137

Ion	Ratio	Lower	Upper
84	100		
49	172.1	115.8	173.6
51	42.0	36.9	55.3
86	54.0	52.4	78.6

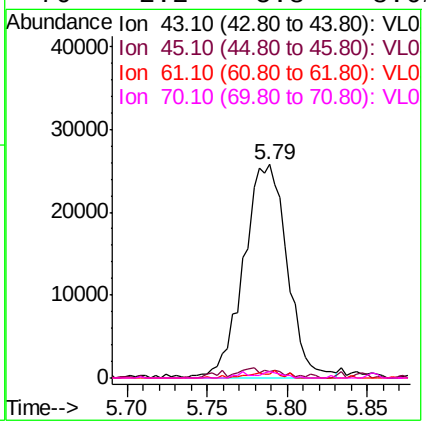


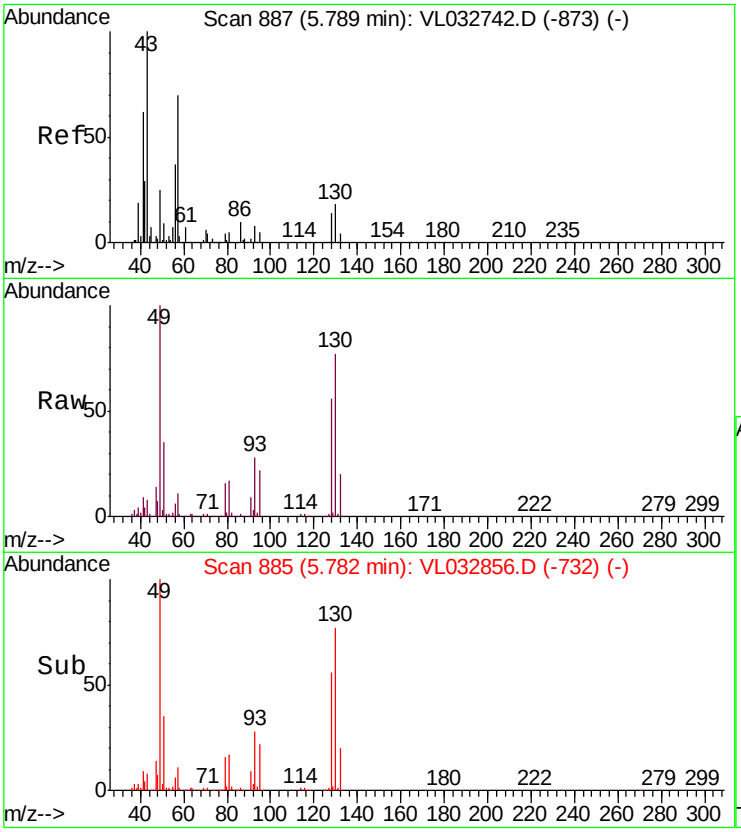


#25
Ethyl Acetate
Concen: 0.148 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 43 Resp: 47768

Ion	Ratio	Lower	Upper
43	100		
45	5.5	7.9	11.9#
61	2.3	7.8	11.6#
70	2.2	5.8	8.6#



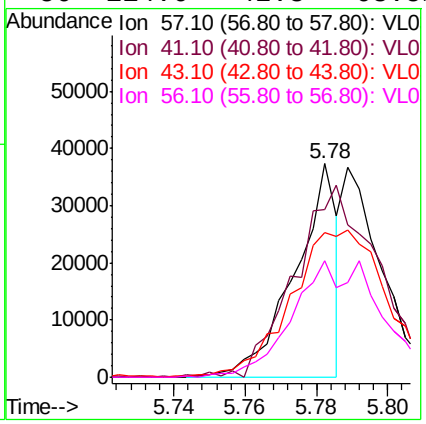


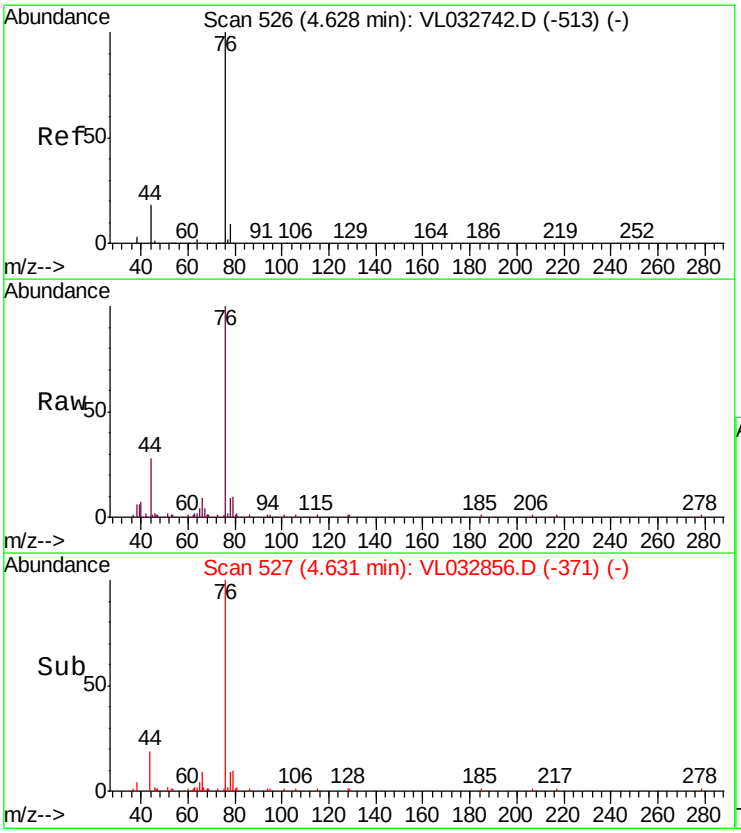
#26
Hexane
Concen: 0.212 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Tgt Ion: 57 Resp: 30565

Ion	Ratio	Lower	Upper
57	100		
41	0.0	70.3	105.5#
43	0.0	174.0	261.0#
56	114.6	42.3	63.5#

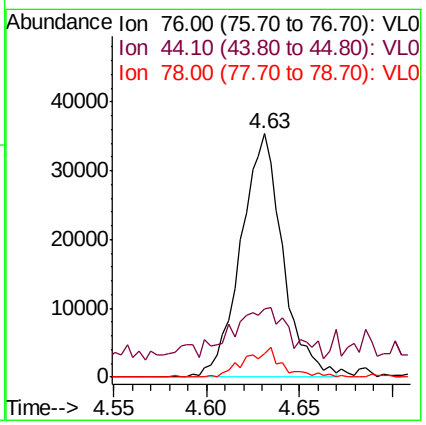


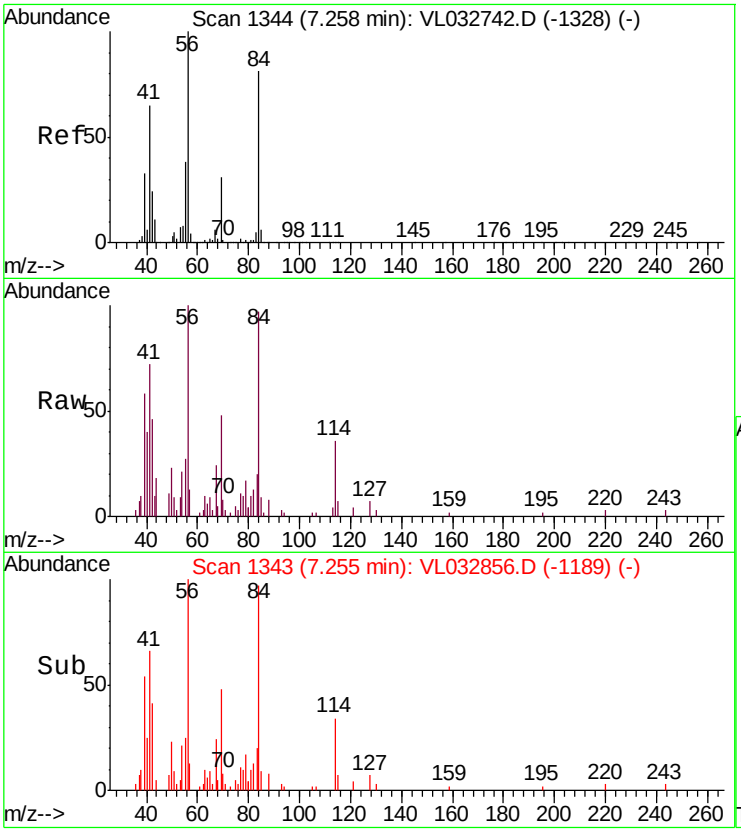


#27
Carbon Disulfide
Concen: 0.303 ppbv
RT: 4.63 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 76 Resp: 55219

Ion	Ratio	Lower	Upper
76	100		
44	36.0	14.4	21.6#
78	11.0	7.7	11.5



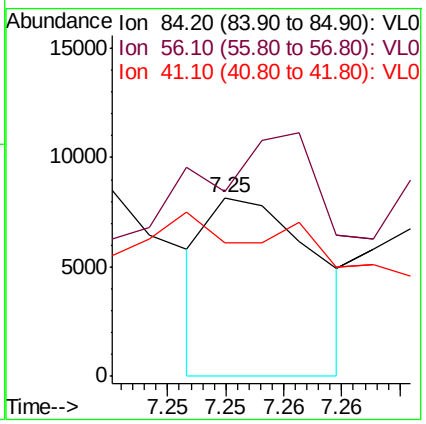


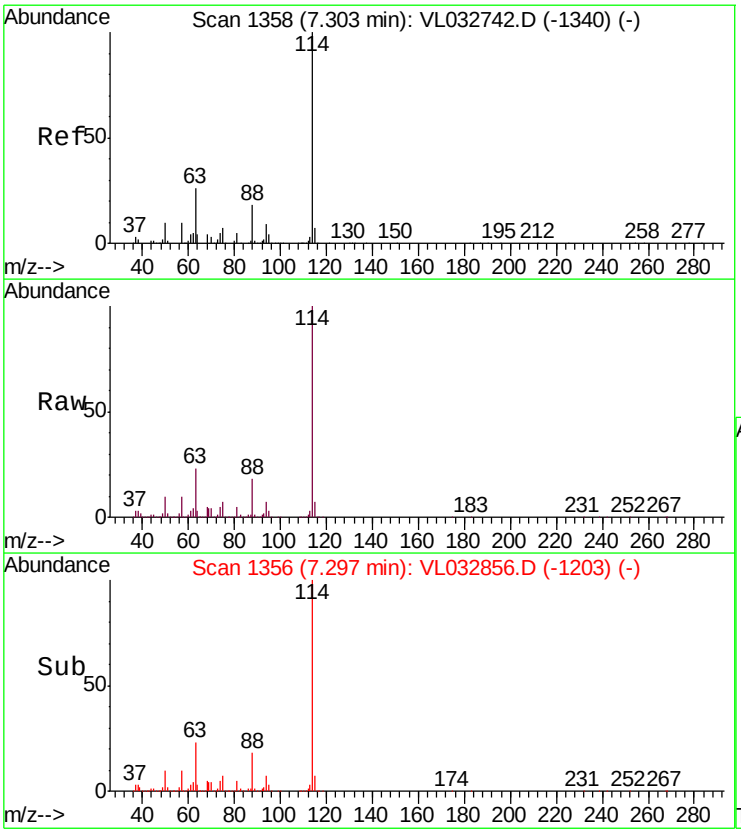
#30
Cyclohexane
Concen: 0.041 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Tgt Ion: 84 Resp: 5208

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.0	157.4#
41	320.1	65.3	97.9#

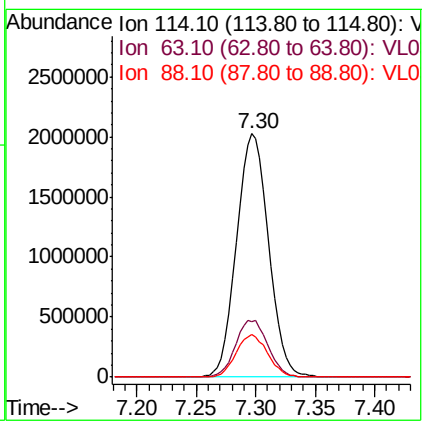


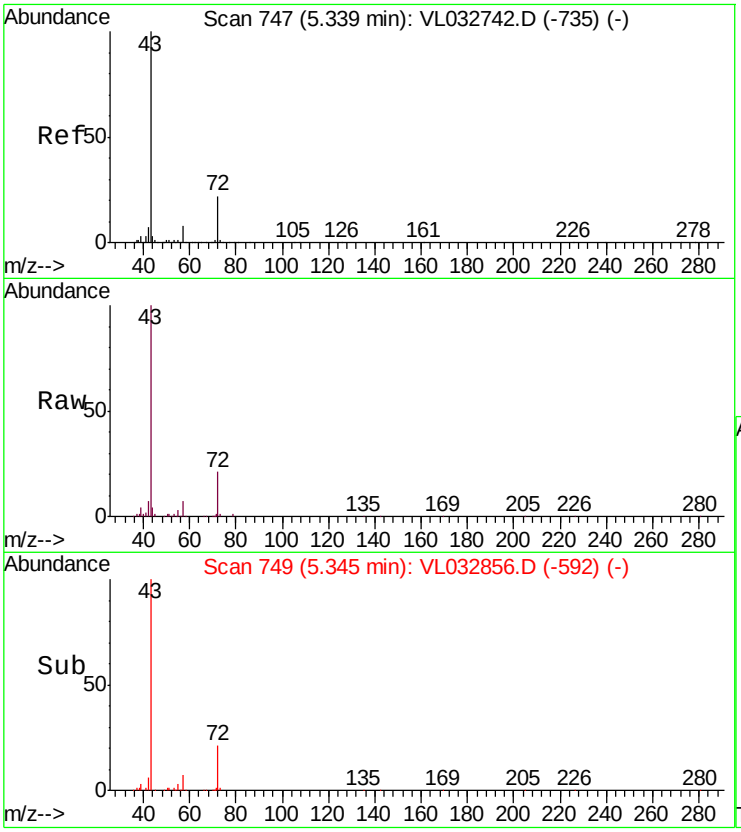


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion:114 Resp: 3784008

Ion	Ratio	Lower	Upper
114	100		
63	23.7	20.9	31.3
88	17.3	14.4	21.6



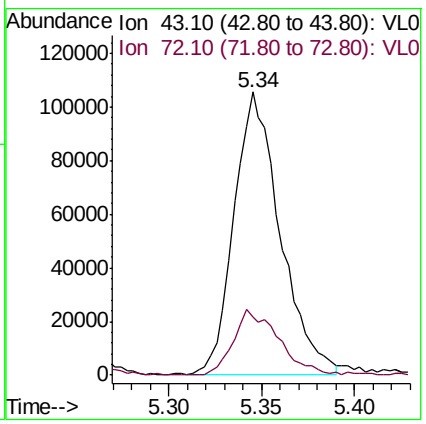


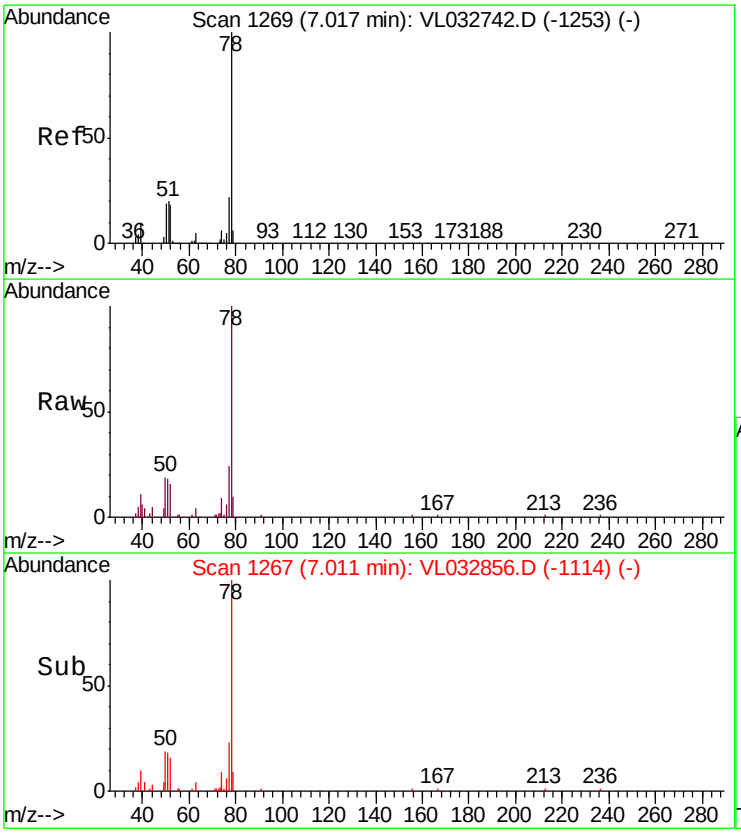
#34
2-Butanone
Concen: 0.927 ppbv
RT: 5.34 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Tgt Ion: 43 Resp: 181853

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.4	27.6

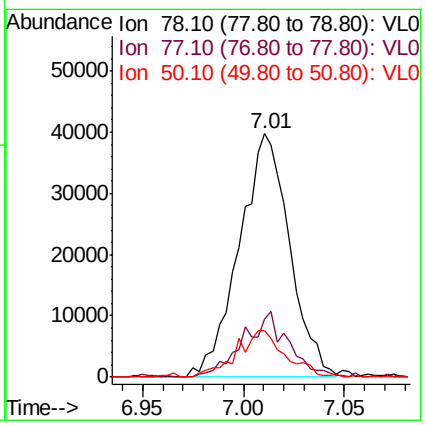


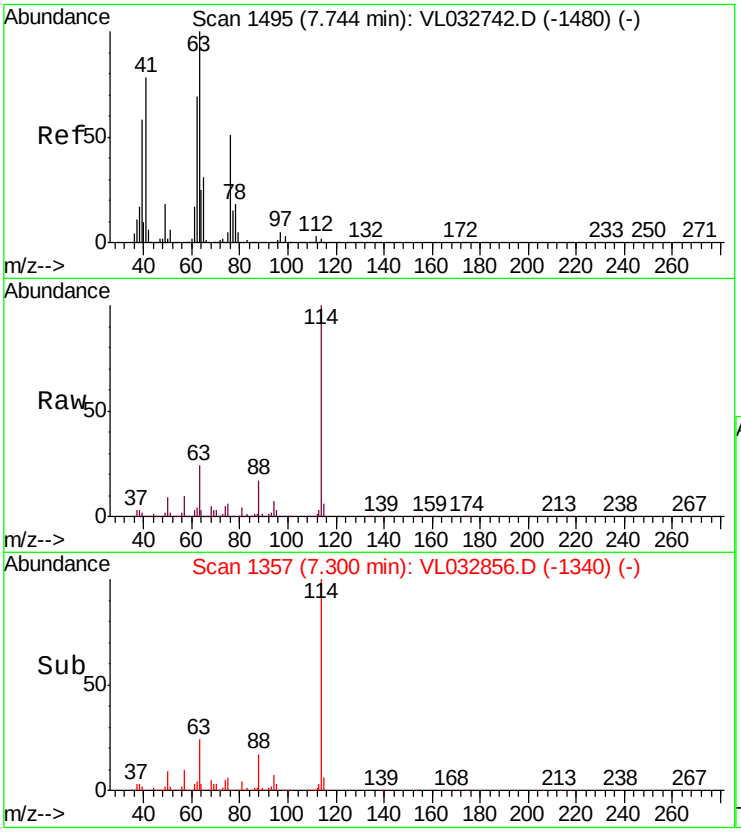


#36
Benzene
Concen: 0.230 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 78 Resp: 69443

Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.8	26.8
50	19.2	15.4	23.0



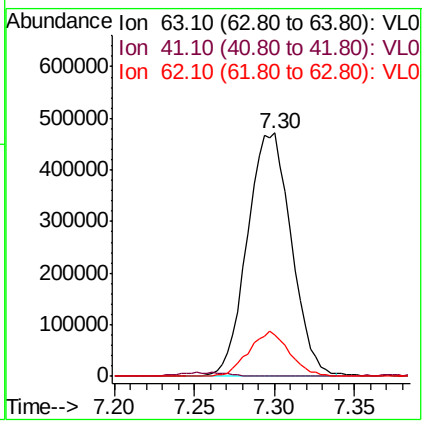


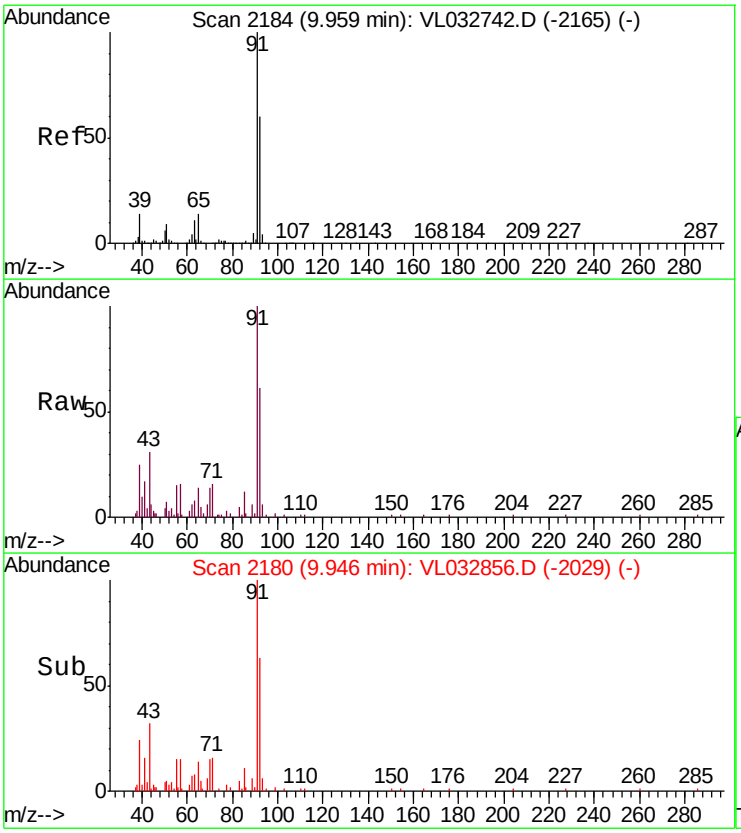
#39
1,2-Dichloropropane
Concen: 7.758 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Tgt Ion: 63 Resp: 890653

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.0	55.4	83.2#

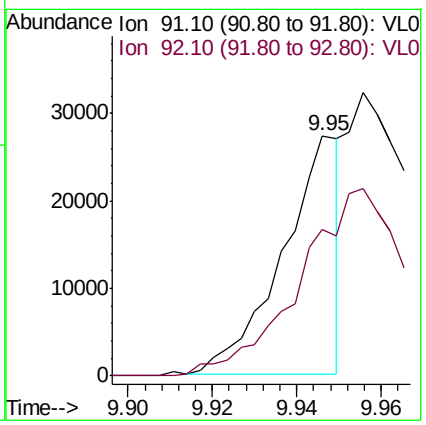


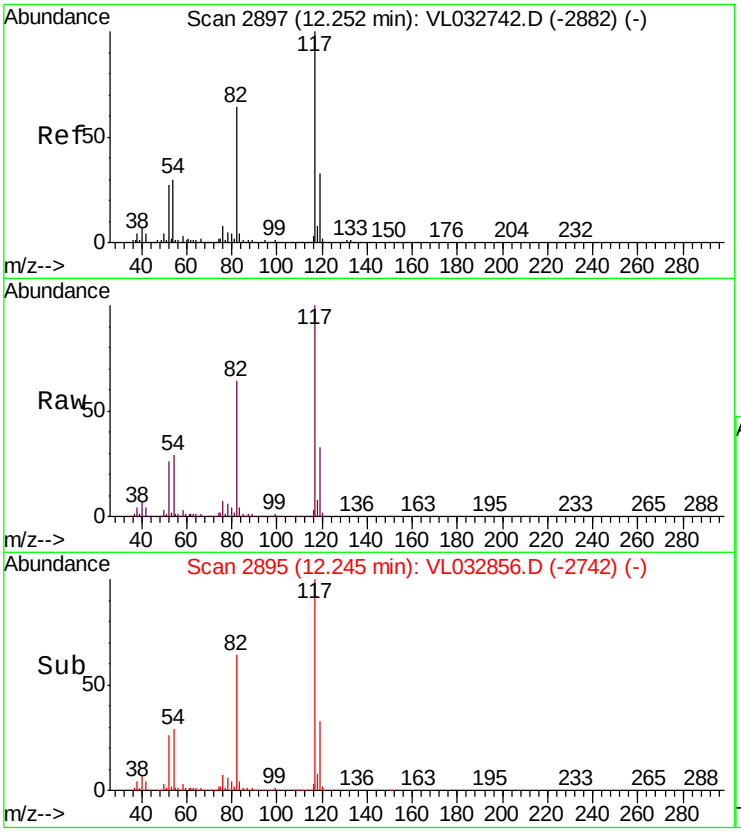


#53
Toluene
Concen: 0.081 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 91 Resp: 25478

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.9	71.9#



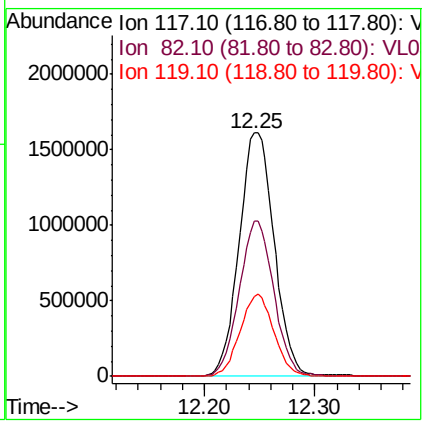


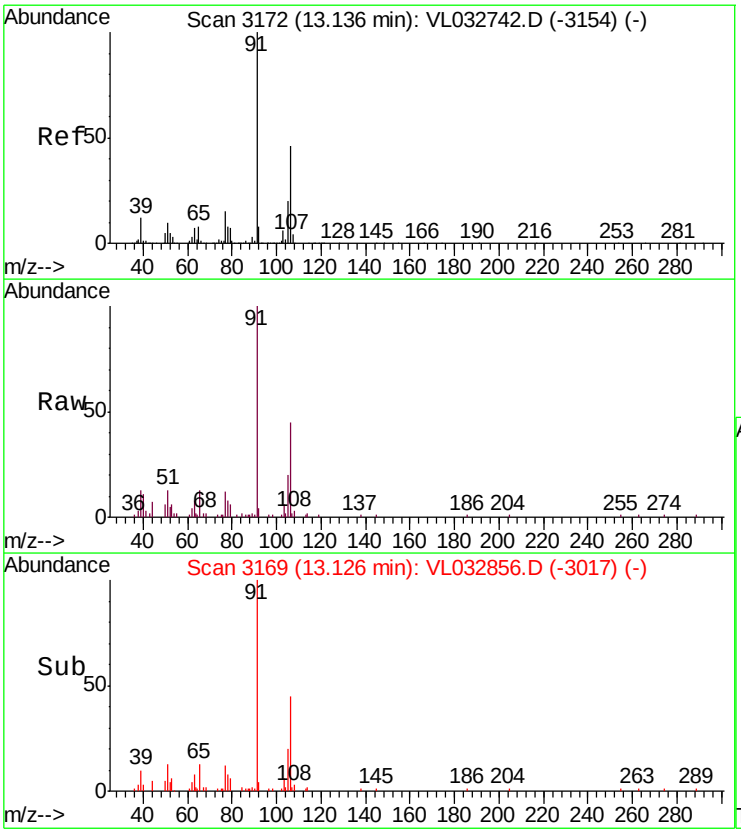
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument : MSVOA_L
ClientSampleId : DSV-02DL

Tgt Ion:117 Resp: 3561709

Ion	Ratio	Lower	Upper
117	100		
82	63.0	51.0	76.6
119	32.5	28.0	42.0

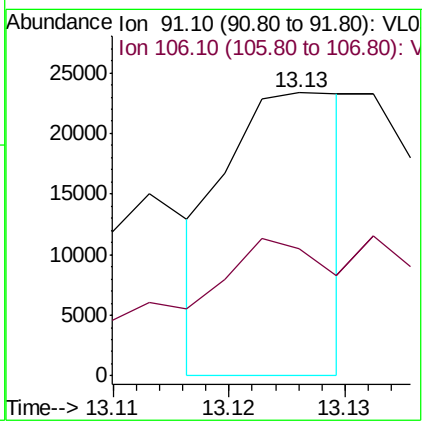


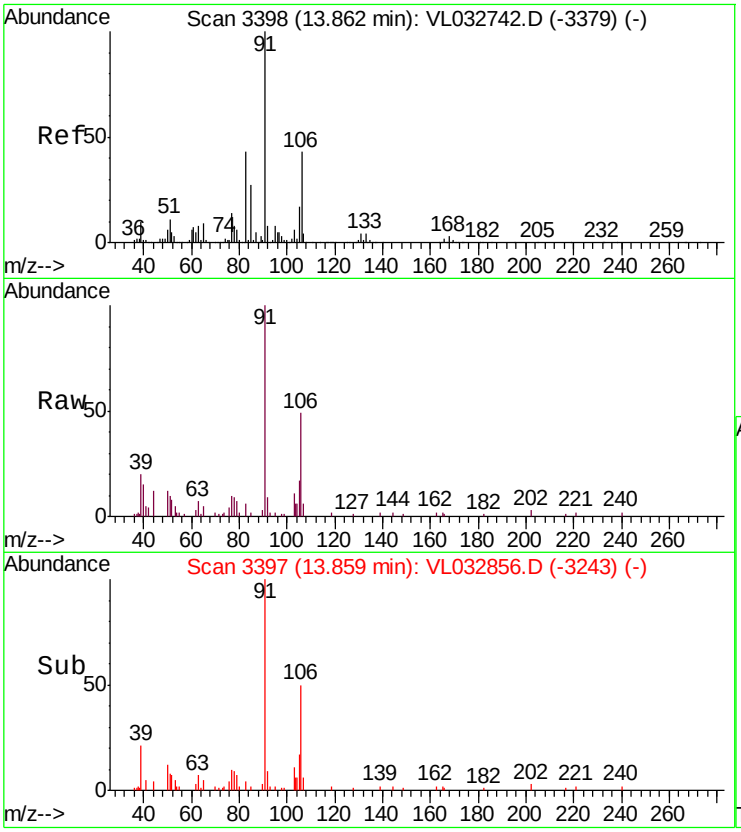


#59
m/p-Xylene
Concen: 0.043 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 91 Resp: 16579

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.1	54.1#



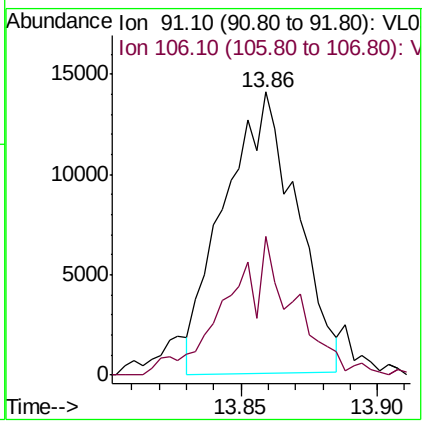


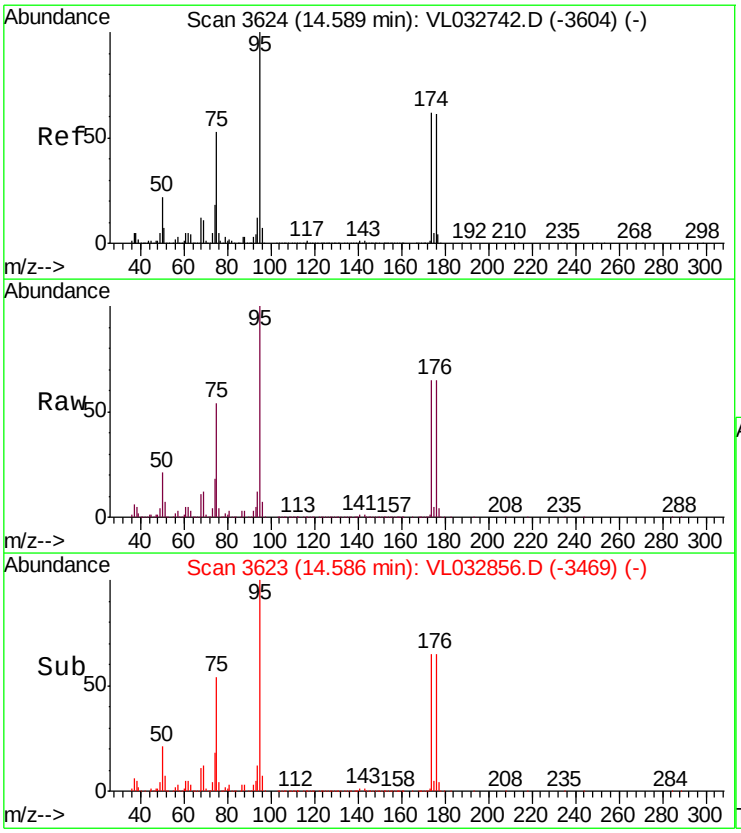
#60
o-Xylene
Concen: 0.067 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 91 Resp: 25839

Ion	Ratio	Lower	Upper
91	100		
106	45.7	21.9	65.7

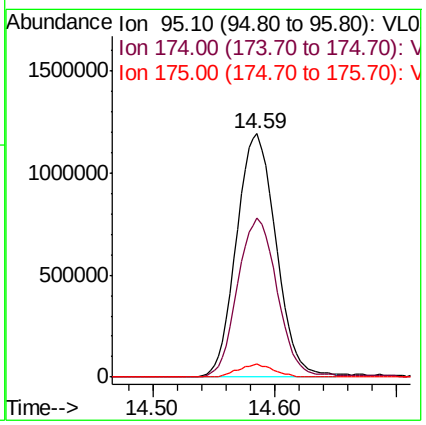


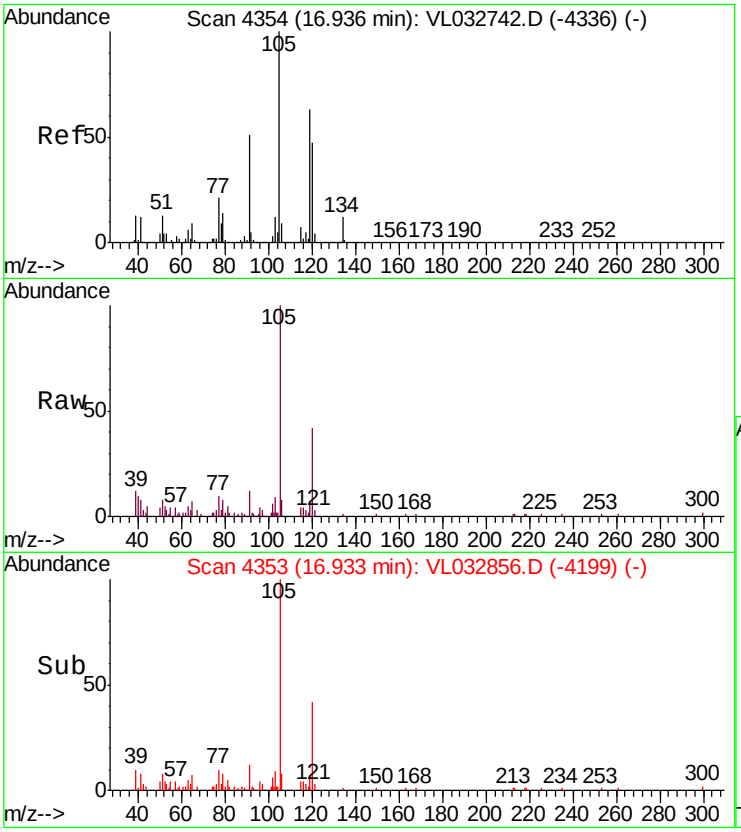


#68
1-Bromo-4-Fluorobenzene
Concen: 10.049 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Tgt Ion: 95 Resp: 2677067

Ion	Ratio	Lower	Upper
95	100		
174	66.6	50.7	76.1
175	4.8	3.8	5.6





#74
1,2,4-Trimethylbenzene
Concen: 0.058 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL032856.D
Acq: 30 Nov 2018 19:41

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion:105 Resp: 25729

Ion	Ratio	Lower	Upper
105	100		
120	44.8	37.6	56.4
91	11.5	42.5	63.7#
77	9.3	17.4	26.2#