Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032269.D
Acq On : 18 Jul 2018 20:28
Operator : SY/AP
Sample : QC070918 CAN 10656
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 19 01:59:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1702918	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3606300	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4243865	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3415011	9.92	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%			
Target Compounds						Qvalue
9) Propene	3.10	41	4194	0.050	ppbv #	71
15) Acetone	3.99	43	64846	0.364	ppbv	90
20) Methylene Chloride	4.48	84	82201	1.198	ppbv	97
25) Ethyl Acetate	5.85	43	8667	0.022	ppbv #	82
26) Hexane	5.86	57	26935	0.151	ppbv #	40
39) 1,2-Dichloropropane	7.37	63	1009901	7.186	ppbv #	26
65) tert-Butylbenzene	17.02	119	24284	0.039	ppbv #	64
70) n-Butylbenzene	18.81	91	20949	0.026	ppbv #	1
73) 1,3,5-Trimethylbenzene	16.25	105	92526	0.161	ppbv	88
74) 1,2,4-Trimethylbenzene	17.02	105	190353	0.317	ppbv #	74
80) Naphthalene,2-methyl-	25.19	142	10619	0.050	ppbv #	92

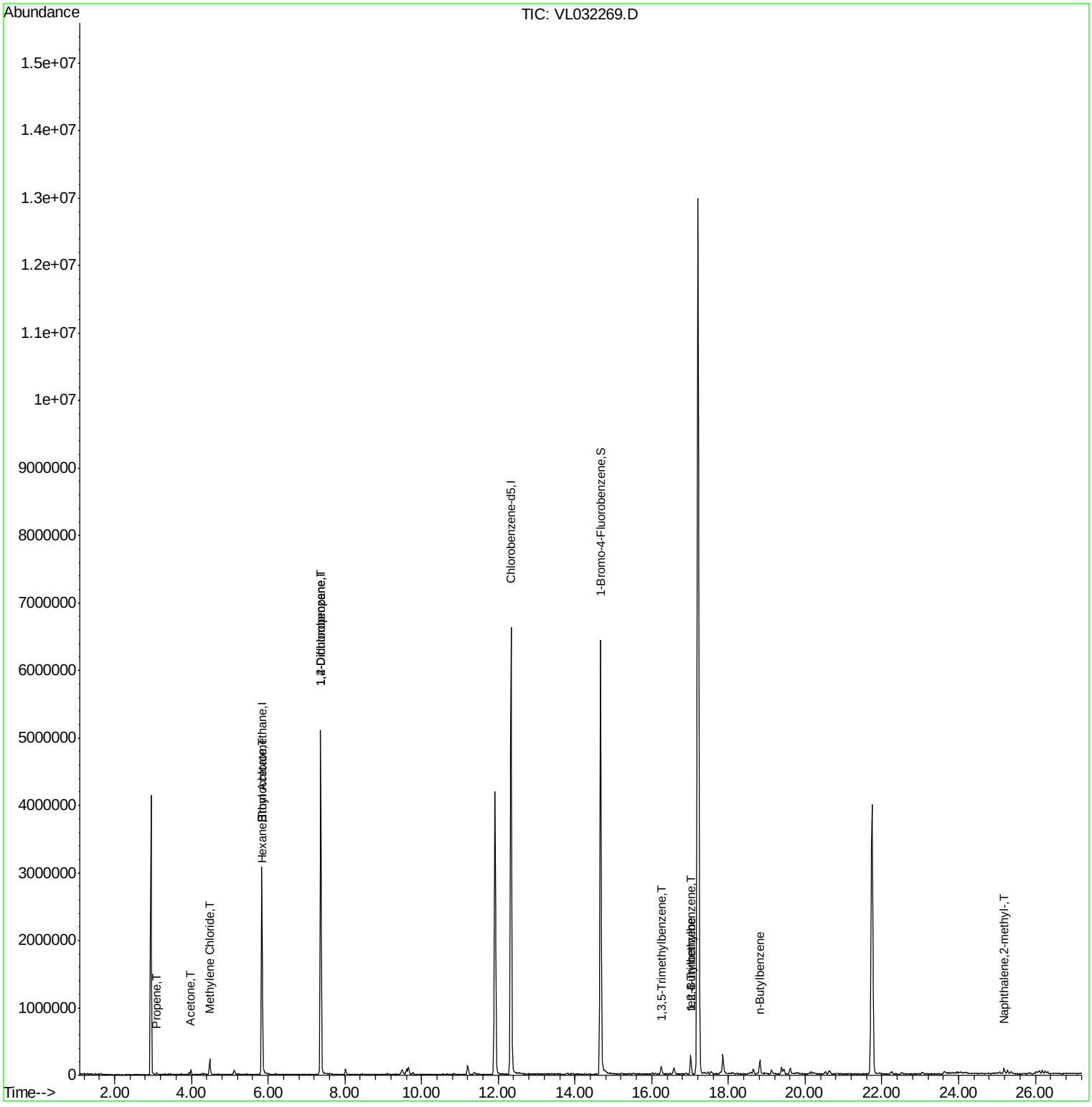
(#) = qualifier out of range (m) = manual integration (+) = signals summed

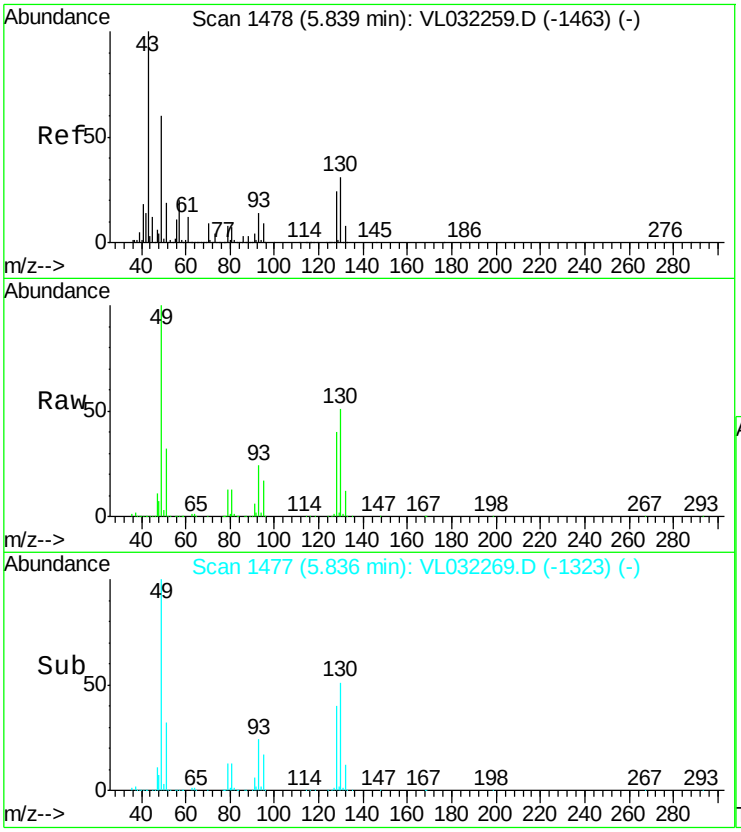
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032269.D
Acq On : 18 Jul 2018 20:28
Operator : SY/AP
Sample : QC070918 CAN 10656
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 19 01:59:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration



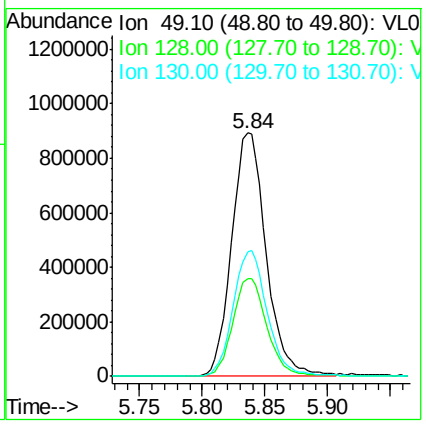


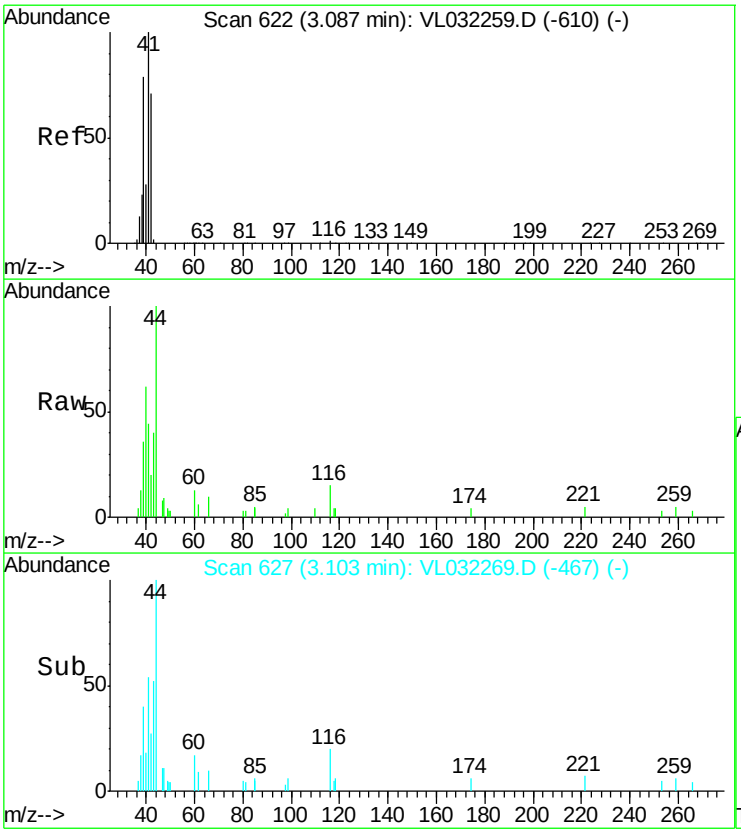
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1702918

Ion	Ratio	Lower	Upper
49	100		
128	40.2	20.1	60.2
130	51.5	25.9	77.6

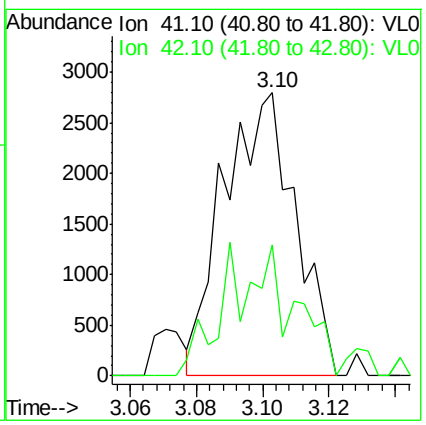


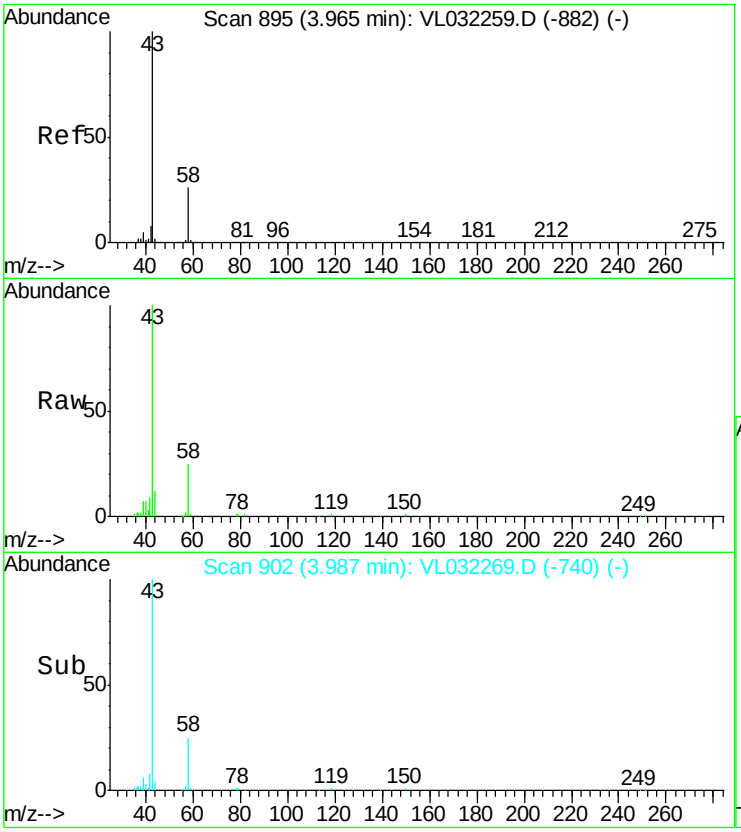


#9
Propene
Concen: 0.050 ppbv
RT: 3.10 min Scan# 627
Delta R.T. 0.02 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 41 Resp: 4194

Ion	Ratio	Lower	Upper
41	100		
42	46.2	56.2	84.4#



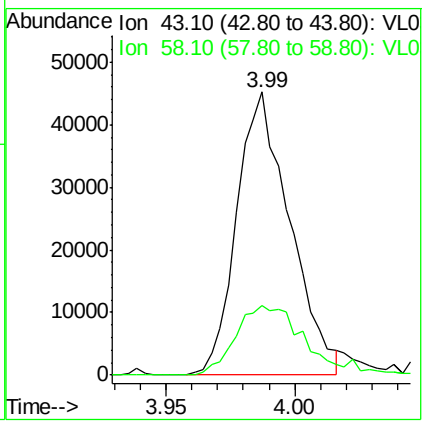


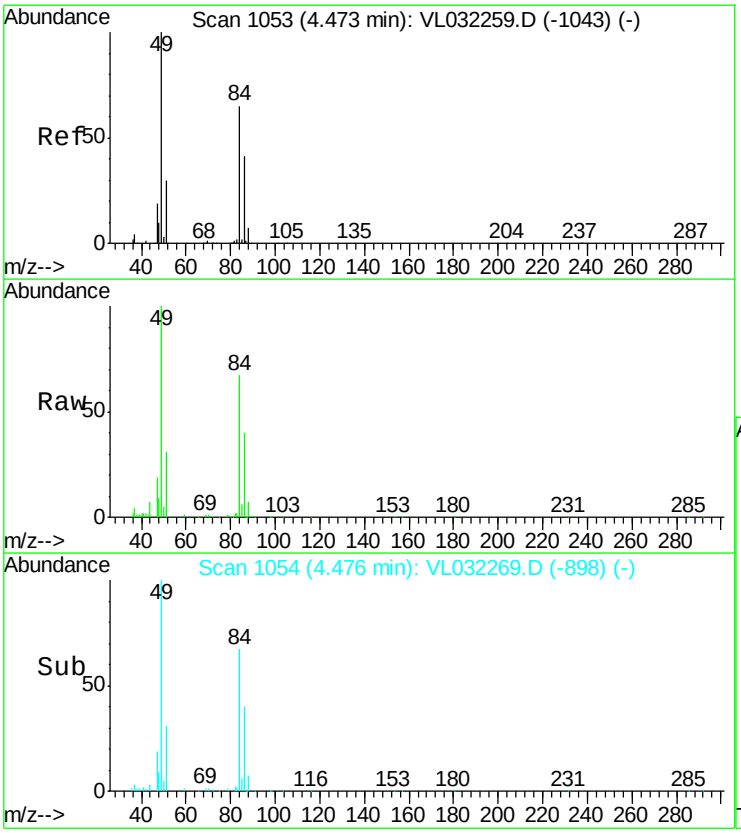
#15
Acetone
Concen: 0.364 ppbv
RT: 3.99 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 64846

Ion	Ratio	Lower	Upper
43	100		
58	32.6	21.8	32.6

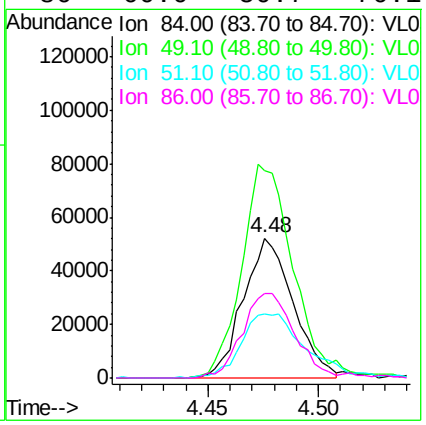


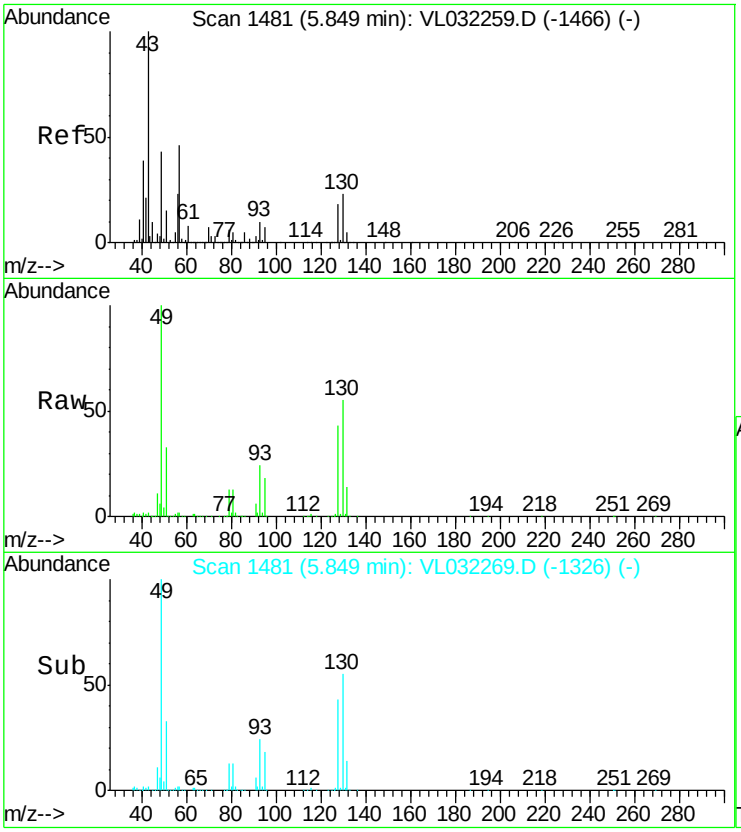


#20
Methylene Chloride
Concen: 1.198 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 84 Resp: 82201

Ion	Ratio	Lower	Upper
84	100		
49	148.7	122.4	183.6
51	46.1	36.8	55.2
86	60.0	50.7	76.1



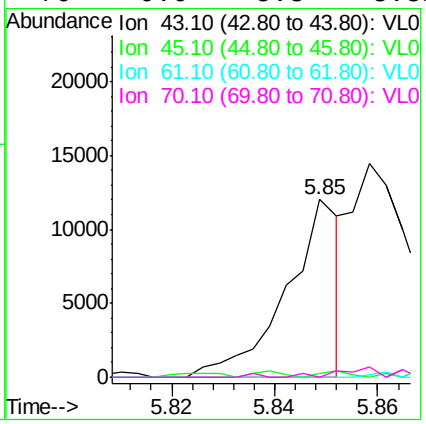


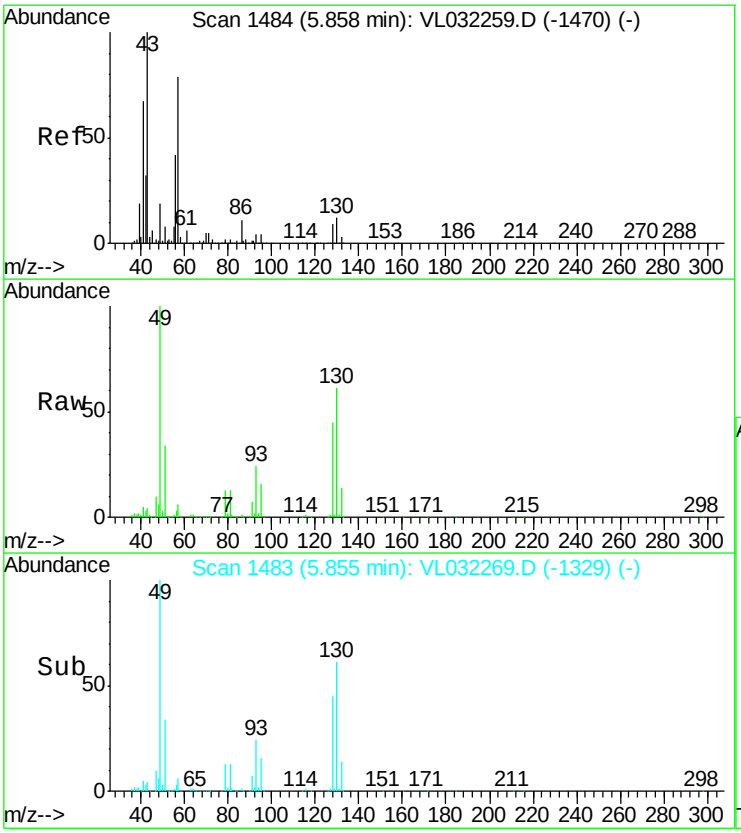
#25
Ethyl Acetate
Concen: 0.022 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 8667

Ion	Ratio	Lower	Upper
43	100		
45	7.3	7.9	11.9#
61	0.0	7.6	11.4#
70	0.0	5.8	8.8#

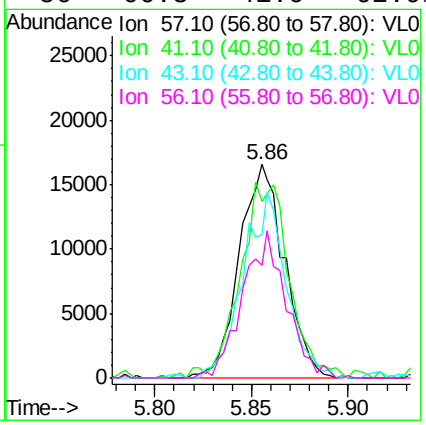


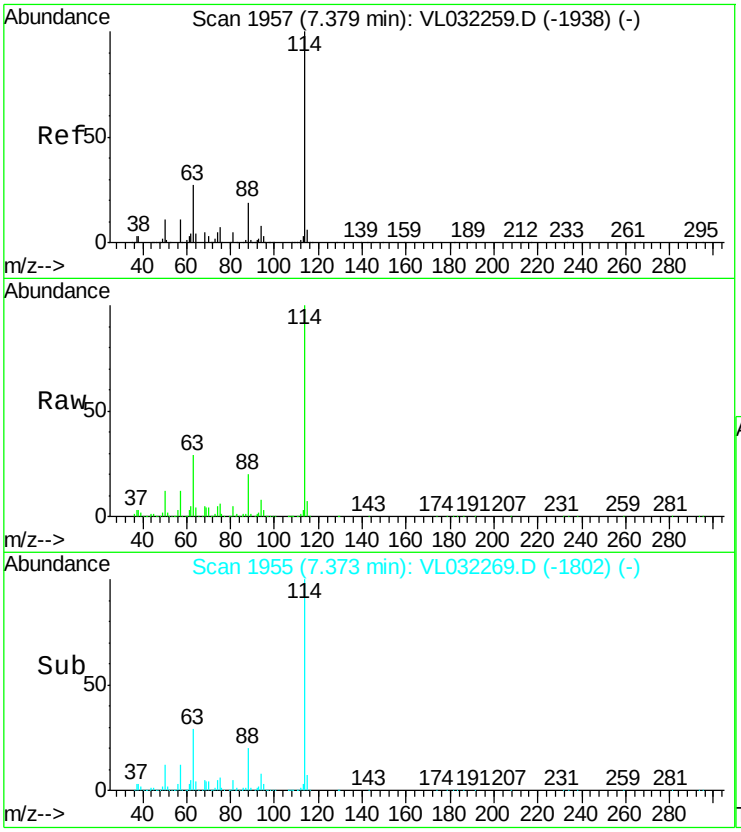


#26
Hexane
Concen: 0.151 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 57 Resp: 26935

Ion	Ratio	Lower	Upper
57	100		
41	102.1	67.9	101.9#
43	83.0	175.9	263.9#
56	66.3	41.9	62.9#



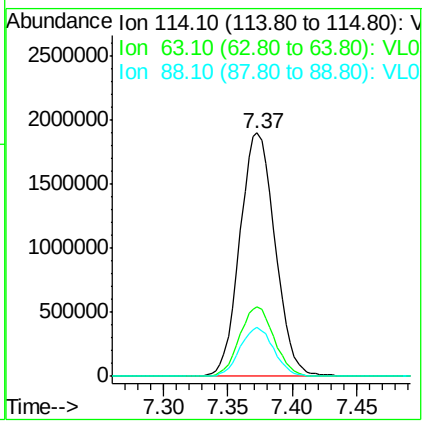


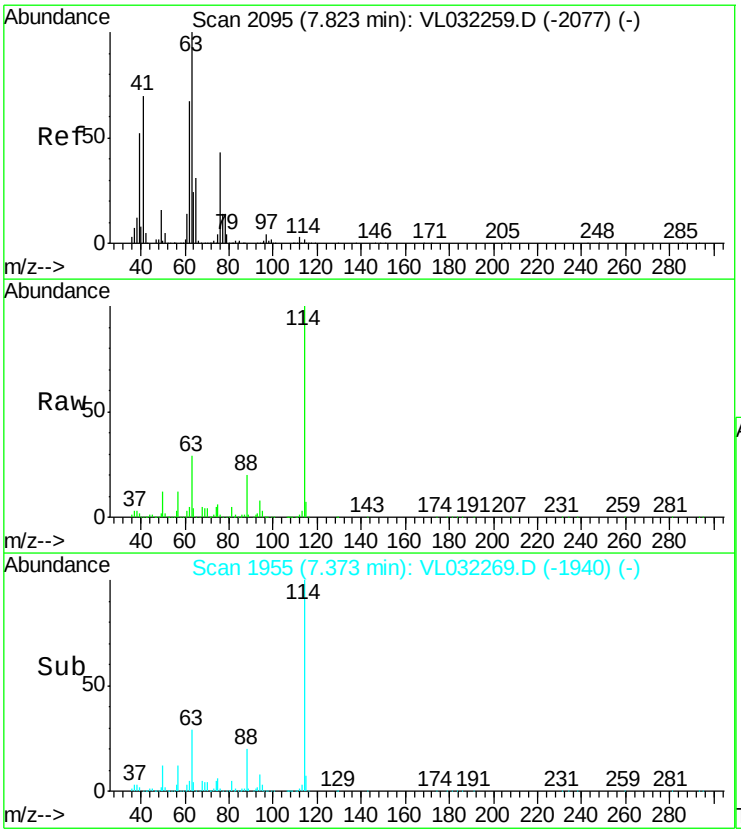
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3606300

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.6	33.8
88	19.4	15.2	22.8

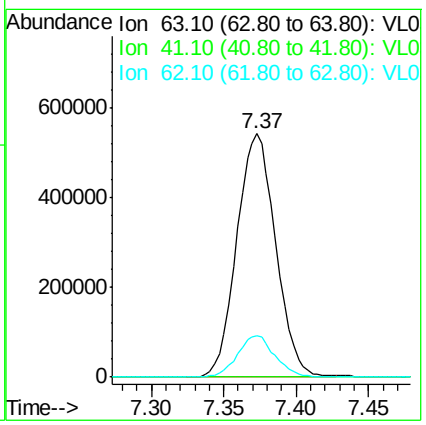


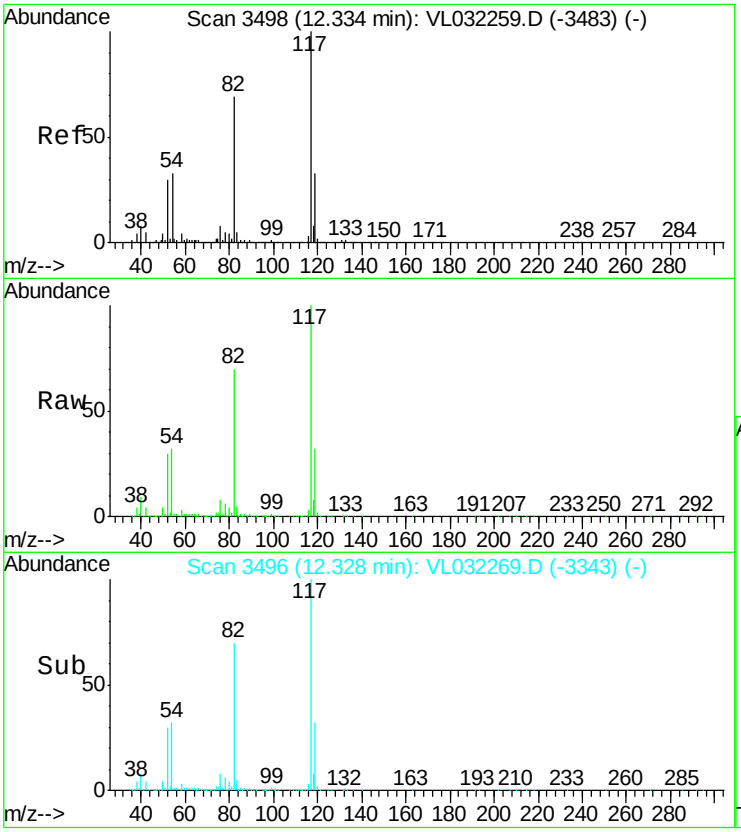


#39
1,2-Dichloropropane
Concen: 7.186 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.45 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 63 Resp: 1009901

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.8	83.6#
62	17.2	53.8	80.8#



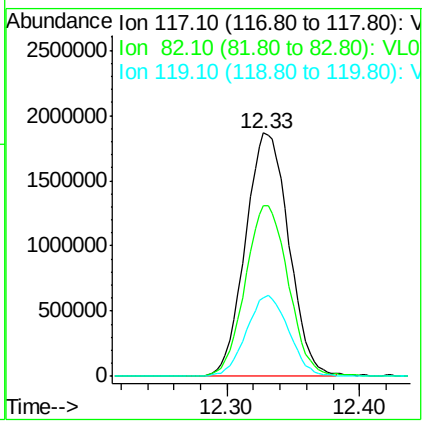


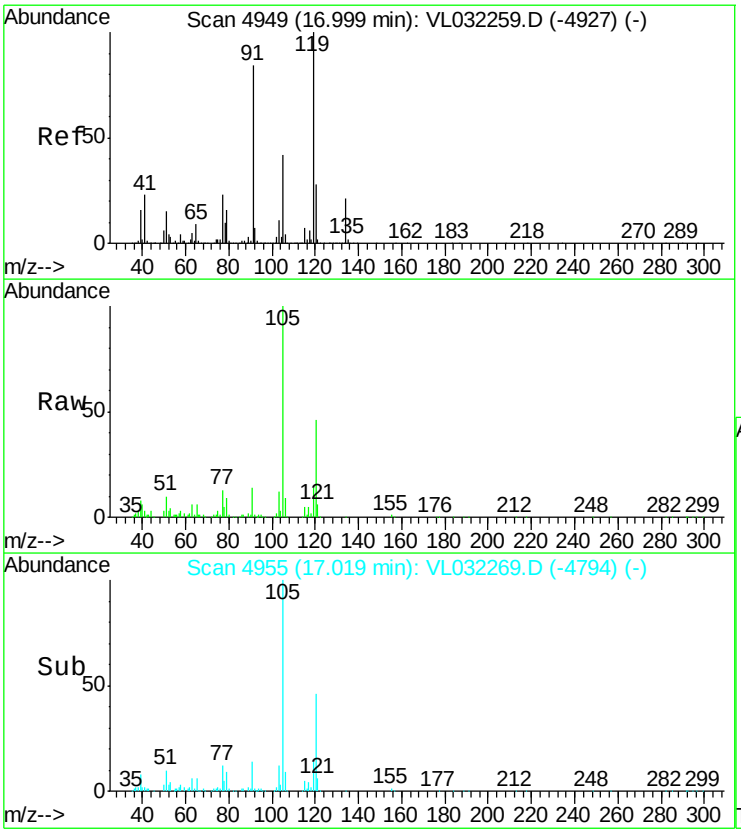
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4243865

Ion	Ratio	Lower	Upper
117	100		
82	70.0	53.9	80.9
119	32.7	25.5	38.3

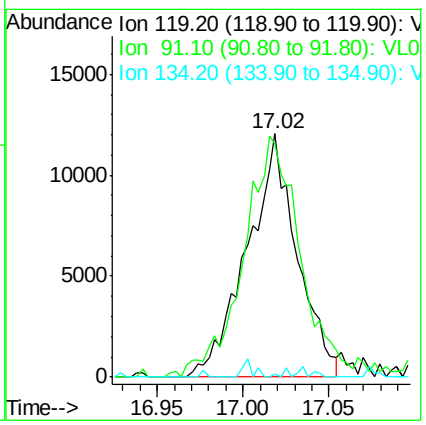


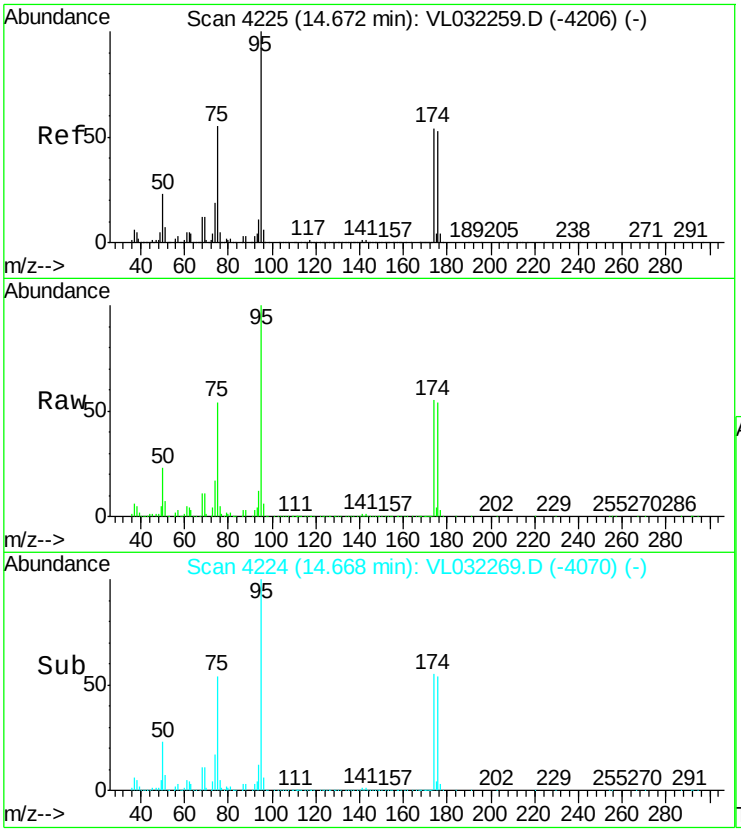


#65
tert-Butylbenzene
Concen: 0.039 ppbv
RT: 17.02 min Scan# 4955
Delta R.T. 0.02 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion:119 Resp: 24284

Ion	Ratio	Lower	Upper
119	100		
91	116.9	68.2	102.4#
134	0.0	15.6	23.4#



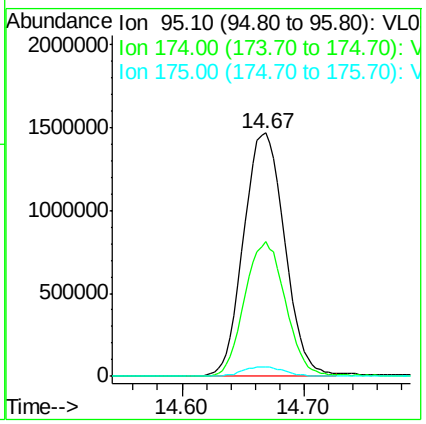


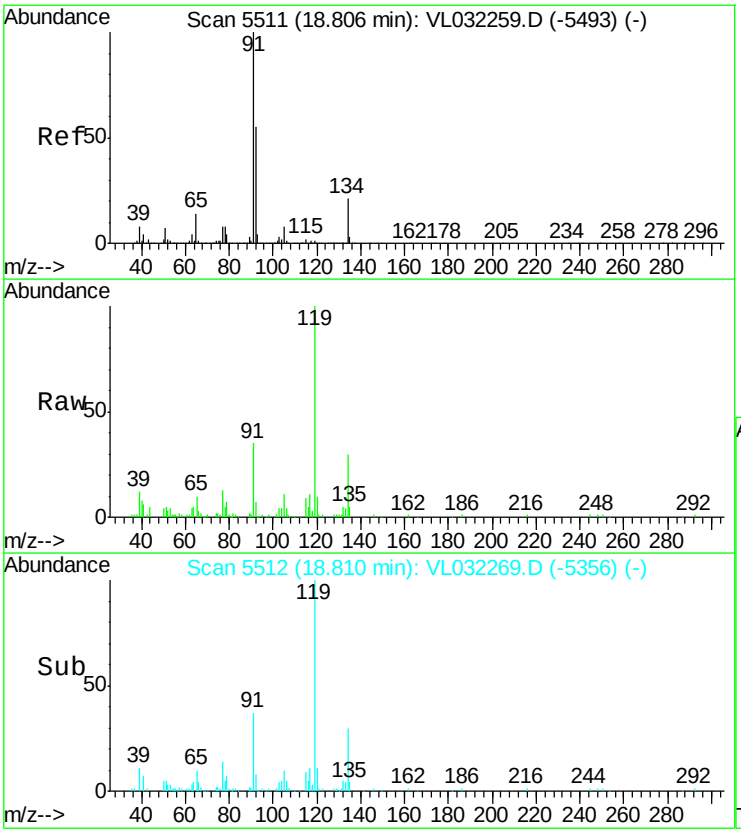
#68
1-Bromo-4-Fluorobenzene
Concen: 9.925 ppbv
RT: 14.67 min Scan# 4224
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 3415011

Ion	Ratio	Lower	Upper
95	100		
174	55.7	44.3	66.5
175	4.0	3.3	4.9

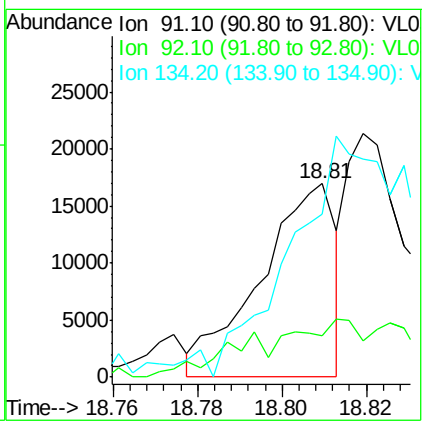


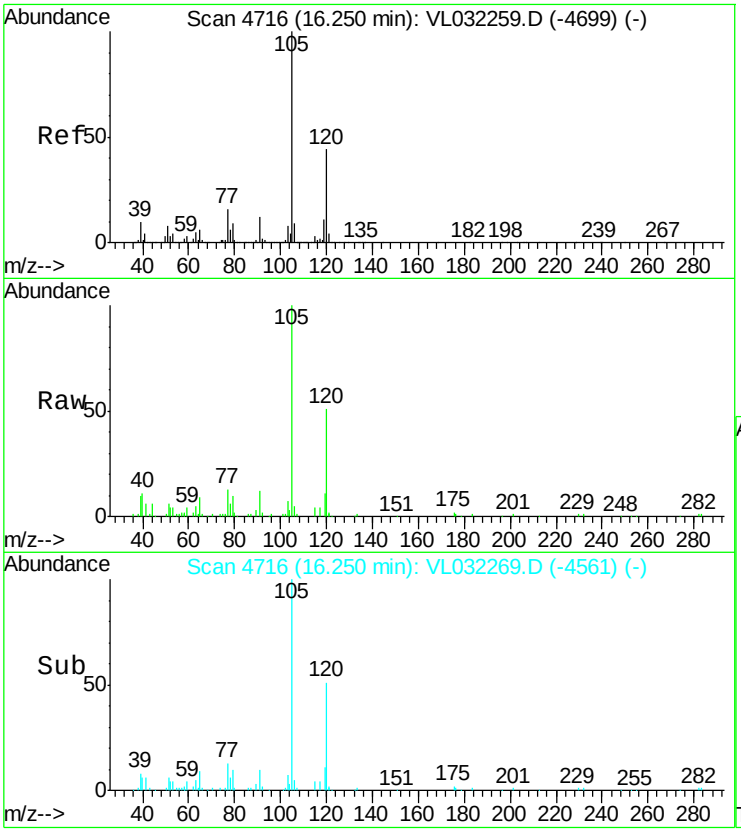


#70
n-Butylbenzene
Concen: 0.026 ppbv
RT: 18.81 min Scan# 5512
Delta R.T. 0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 91 Resp: 20949

Ion	Ratio	Lower	Upper
91	100		
92	60.0	43.8	65.6
134	239.9	17.1	25.7#



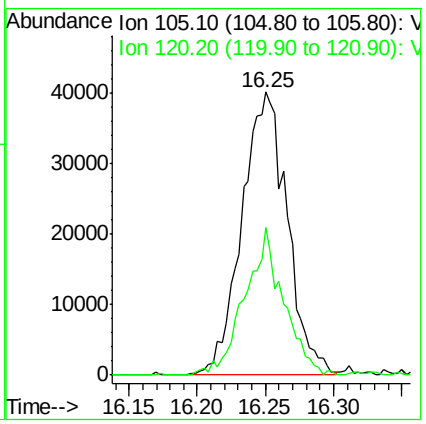


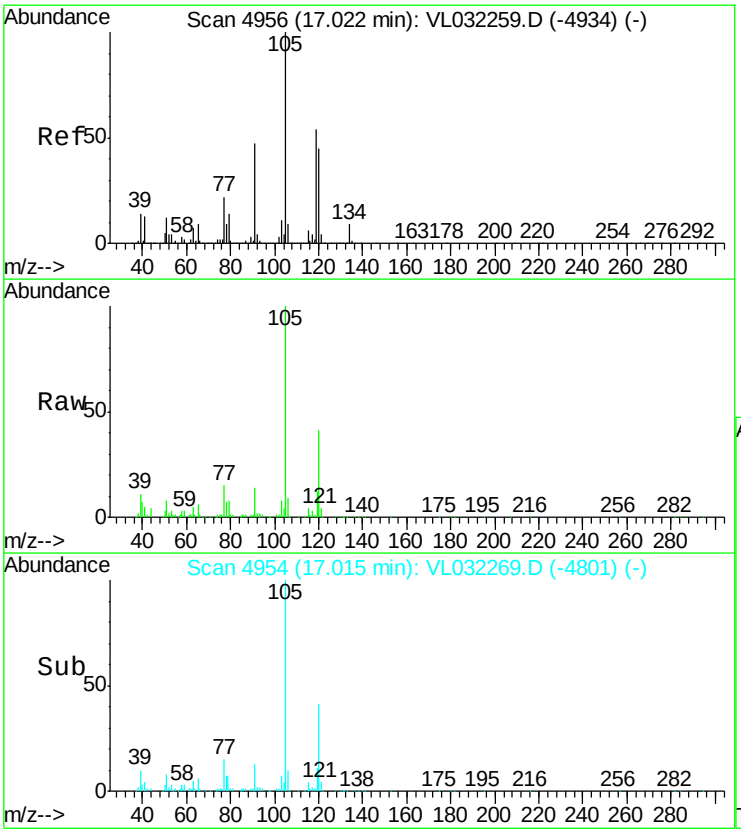
#73
1,3,5-Trimethylbenzene
Concen: 0.161 ppbv
RT: 16.25 min Scan# 4716
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 92526

Ion	Ratio	Lower	Upper
105	100		
120	52.0	35.5	53.3

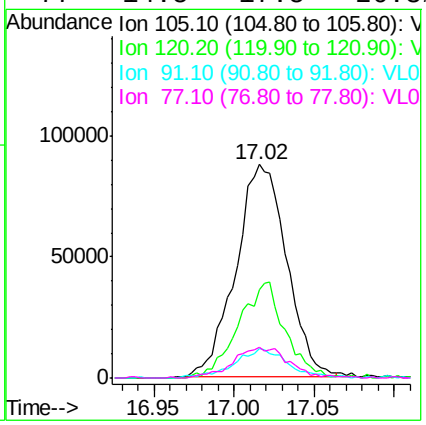


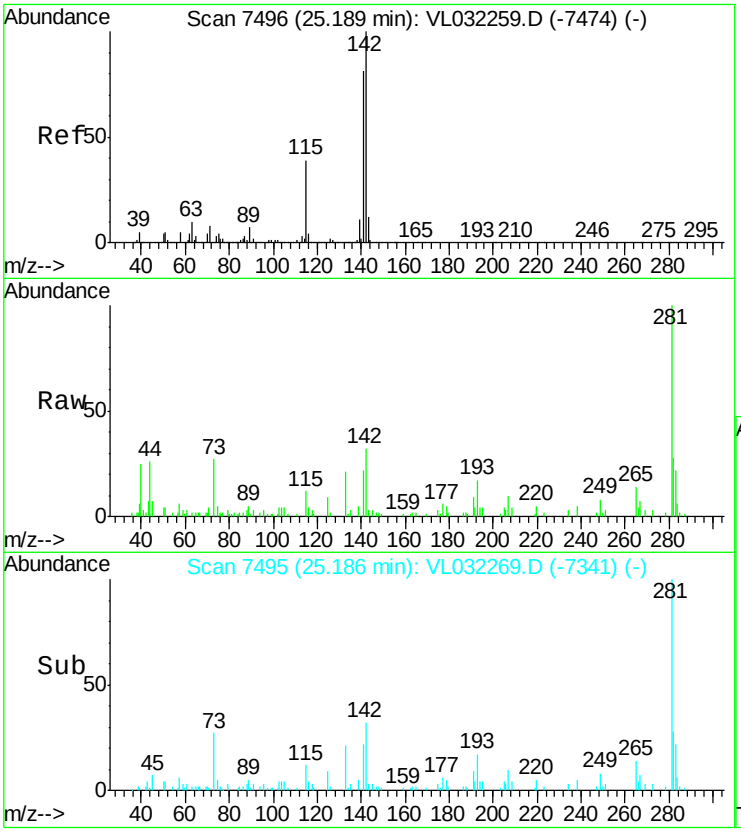


#74
1,2,4-Trimethylbenzene
Concen: 0.317 ppbv
RT: 17.02 min Scan# 4954
Delta R.T. -0.01 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion:105 Resp: 190353

Ion	Ratio	Lower	Upper
105	100		
120	41.5	35.8	53.6
91	13.2	38.2	57.4#
77	14.5	17.5	26.3#





#80
Naphthalene,2-methyl-
Concen: 0.050 ppbv
RT: 25.19 min Scan# 7495
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 10619

Ion	Ratio	Lower	Upper
142	100		
141	82.0	67.1	100.7
115	52.6	32.5	48.7#