Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\
Data File : VL034786.D
Acq On : 4 Mar 2020 9:32
Operator : SY/AP
Sample : L1314-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : E051-1100

Quant Time: Mar 04 10:21:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	914838	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	2000930	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.12	117	1966070	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1716060	10.47	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.70%			
Target Compounds						Qvalue
6) Bromomethane	3.45	94	1300577	40.180	ppbv	93
26) Hexane	5.69	57	3182191	38.477	ppbv #	42
30) Cyclohexane	7.14	84	2930430	46.315	ppbv	95
35) Carbon Tetrachloride	7.03	117	4241676	28.094	ppbv	97
47) 1,1,2-Trichloroethane	9.50	97	2809089	38.560	ppbv	93
52) Tetrachloroethene	11.26	164	2324991	36.806	ppbv	97
59) m/p-Xylene	13.01	91	6398126	30.506	ppbv	94
60) o-Xylene	13.74	91	5645209	26.603	ppbv	96
72) 4-Ethyltoluene	15.89	105	7686570	32.533	ppbv	93
75) 1,3-Dichlorobenzene	17.05	146	3663489	25.119	ppbv	97

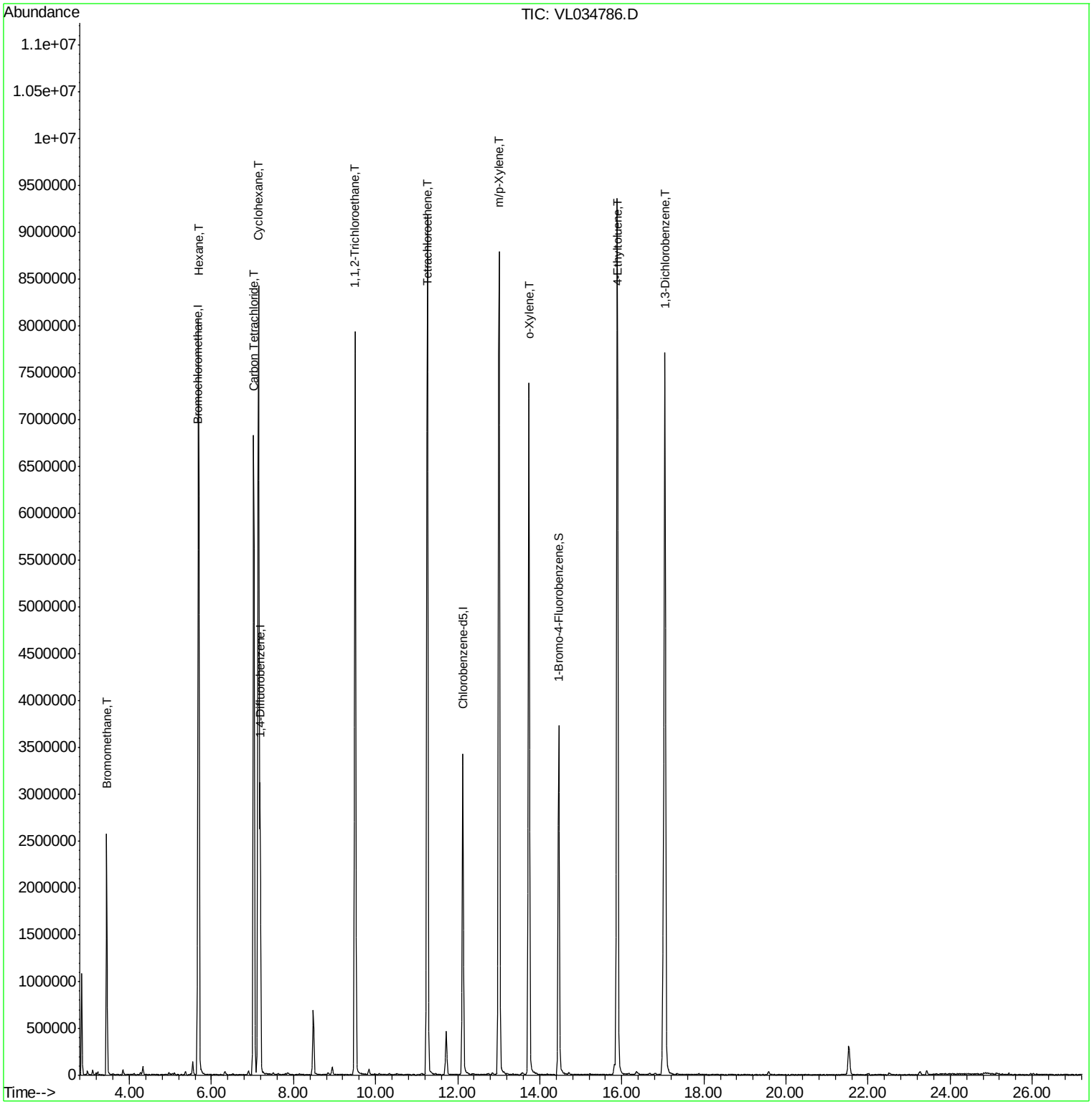
(#) = qualifier out of range (m) = manual integration (+) = signals summed

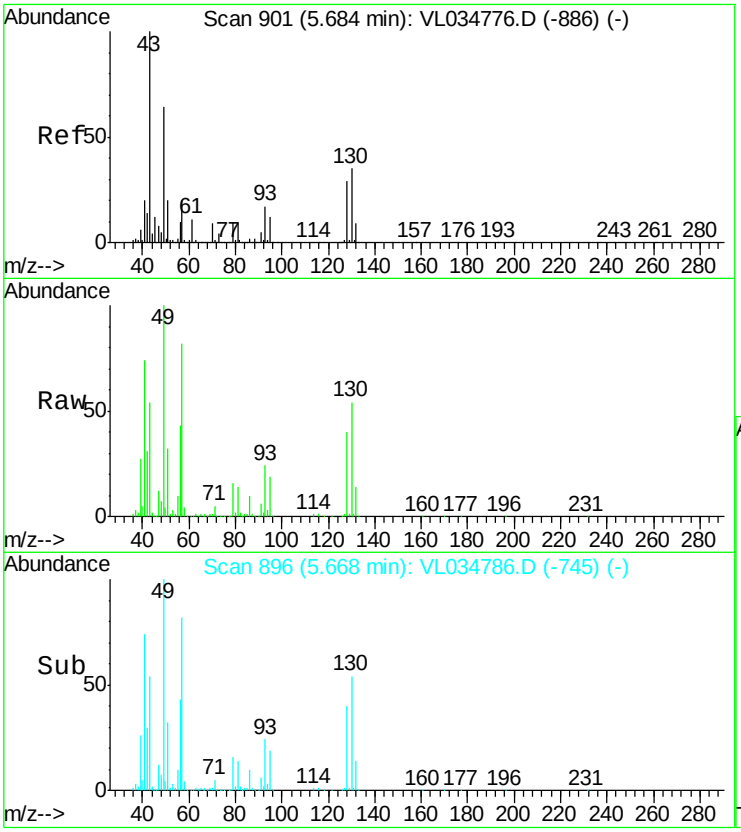
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\
Data File : VL034786.D
Acq On : 4 Mar 2020 9:32
Operator : SY/AP
Sample : L1314-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : E051-1100

Quant Time: Mar 04 10:21:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration



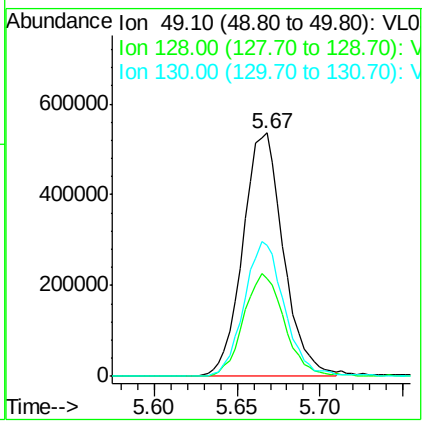


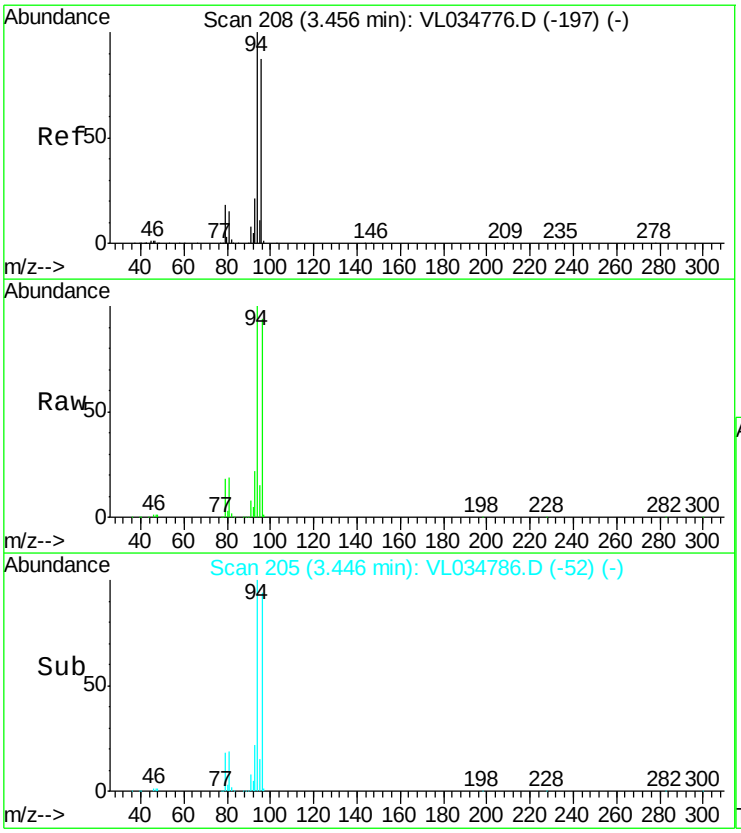
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 49 Resp: 914838

Ion	Ratio	Lower	Upper
49	100		
128	42.8	21.6	64.6
130	55.2	27.4	82.2

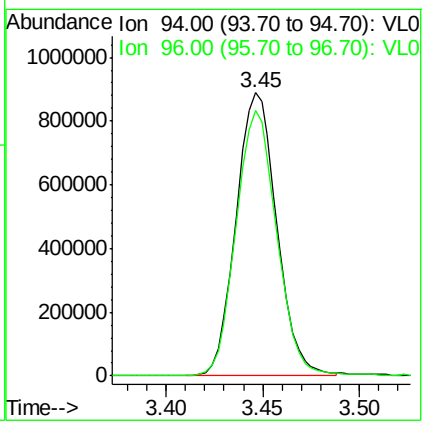


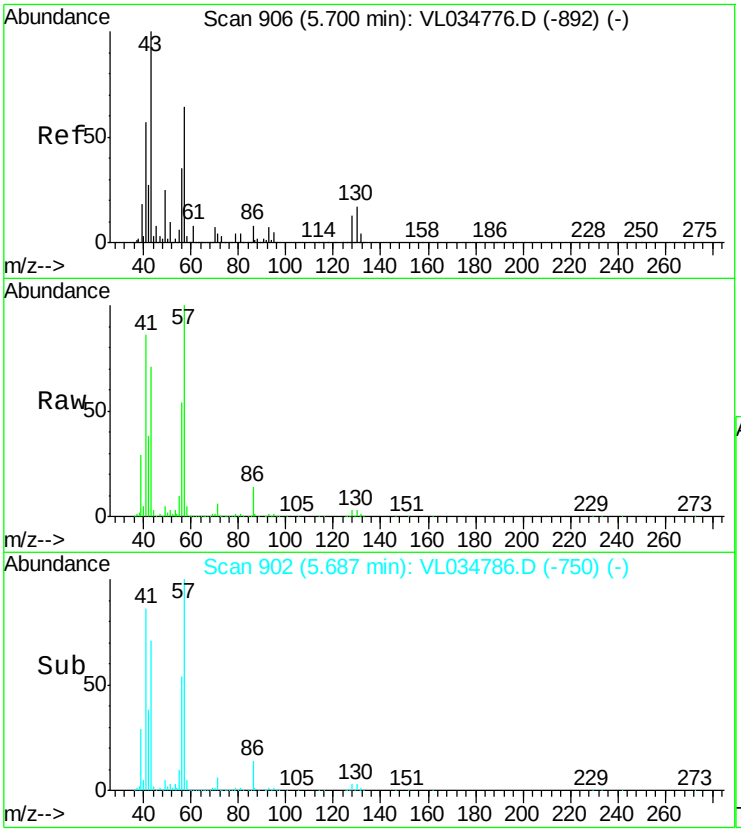


#6
Bromomethane
Concen: 40.180 ppbv
RT: 3.45 min Scan# 205
Delta R.T. -0.01 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 94 Resp: 1300577

Ion	Ratio	Lower	Upper
94	100		
96	93.6	70.0	105.0



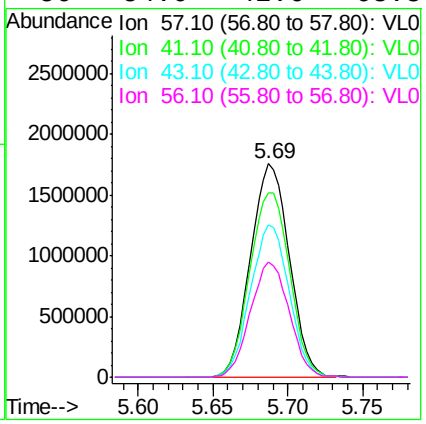


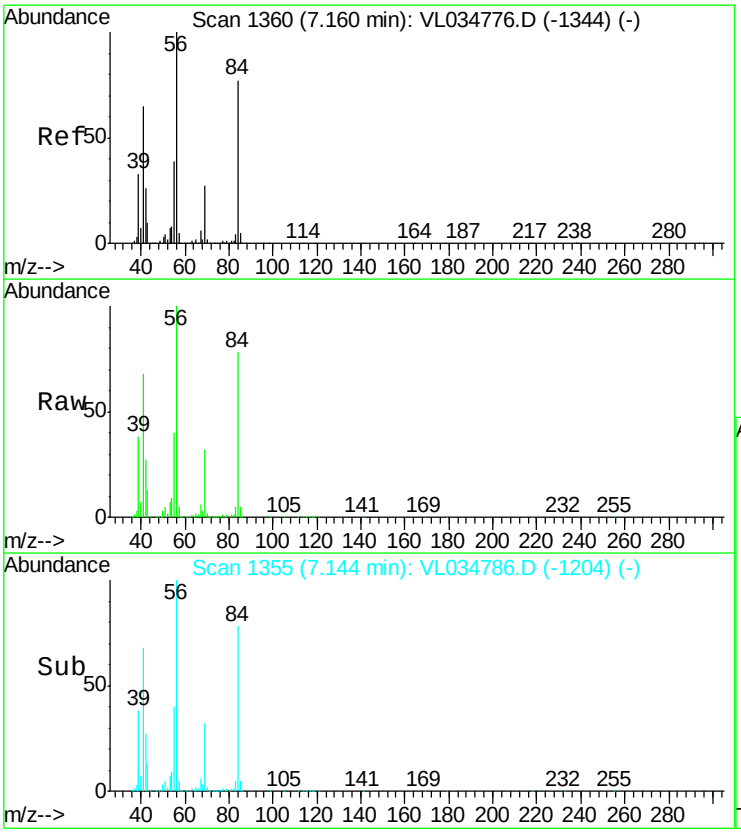
#26
Hexane
Concen: 38.477 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 57 Resp: 3182191

Ion	Ratio	Lower	Upper
57	100		
41	89.5	72.0	108.0
43	70.7	179.1	268.7#
56	54.0	42.6	63.8

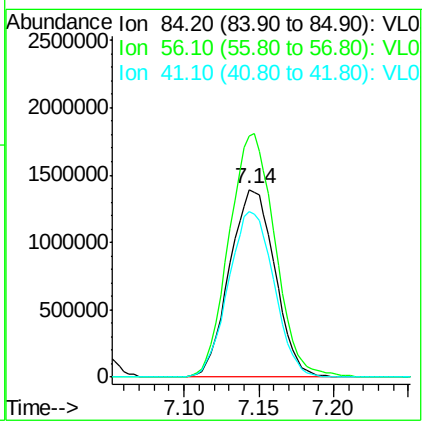


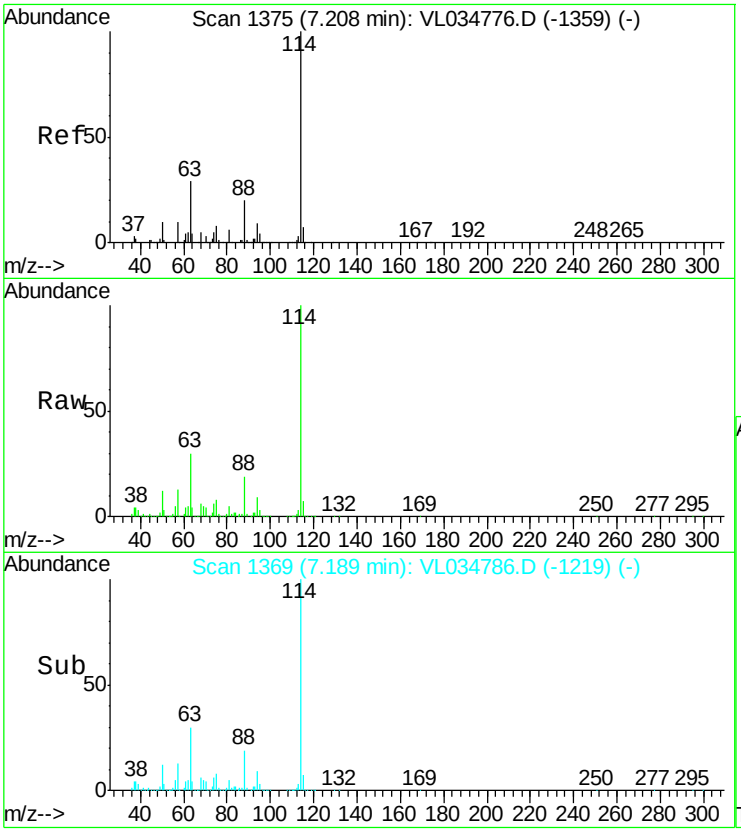


#30
Cyclohexane
Concen: 46.315 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 84 Resp: 2930430

Ion	Ratio	Lower	Upper
84	100		
56	132.4	113.2	169.8
41	88.8	70.2	105.4



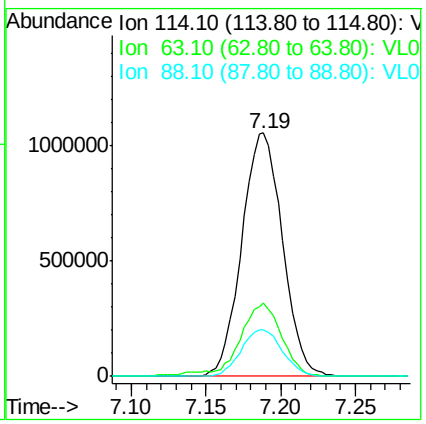


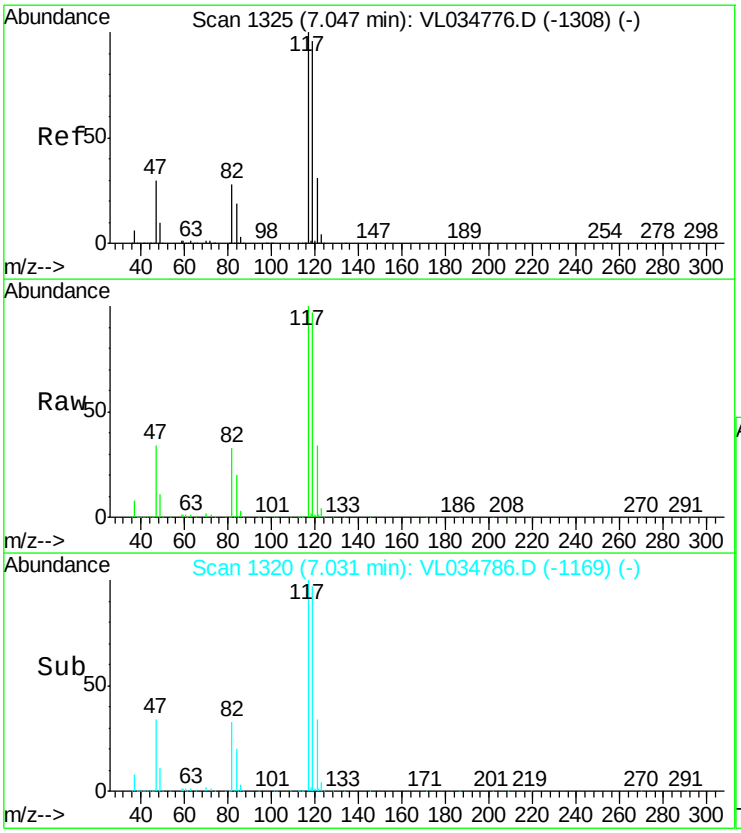
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:114 Resp: 2000930

Ion	Ratio	Lower	Upper
114	100		
63	31.4	23.6	35.4
88	19.4	15.8	23.8

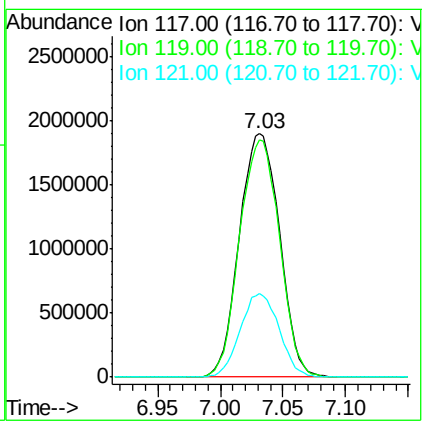


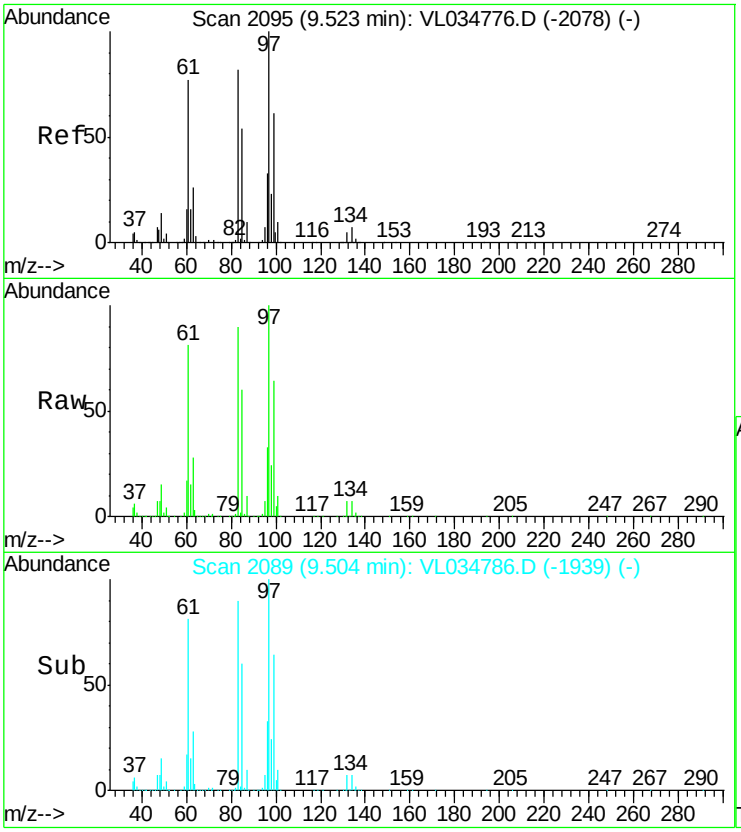


#35
Carbon Tetrachloride
Concen: 28.094 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion:117 Resp: 4241676

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.8	115.2
121	34.4	24.6	37.0



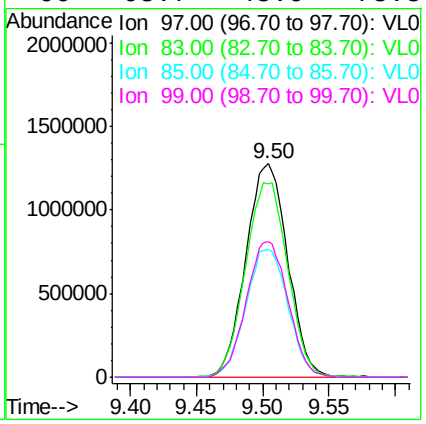


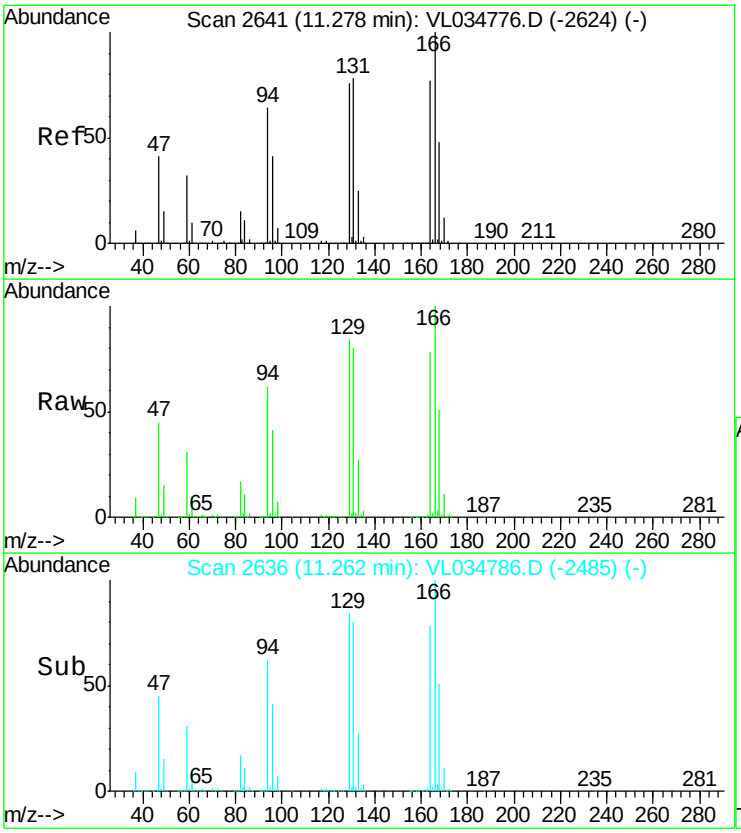
#47
1,1,2-Trichloroethane
Concen: 38.560 ppbv
RT: 9.50 min Scan# 2089
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 97 Resp: 2809089

Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.2	97.8
85	60.1	43.6	65.4
99	63.7	48.9	73.3

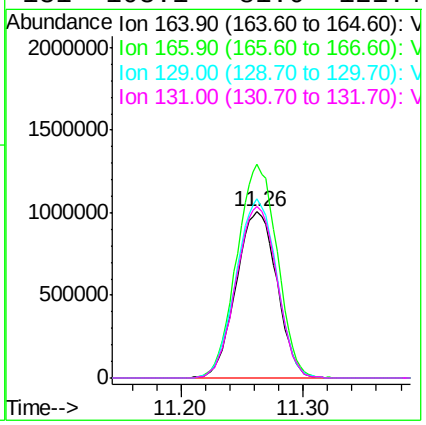


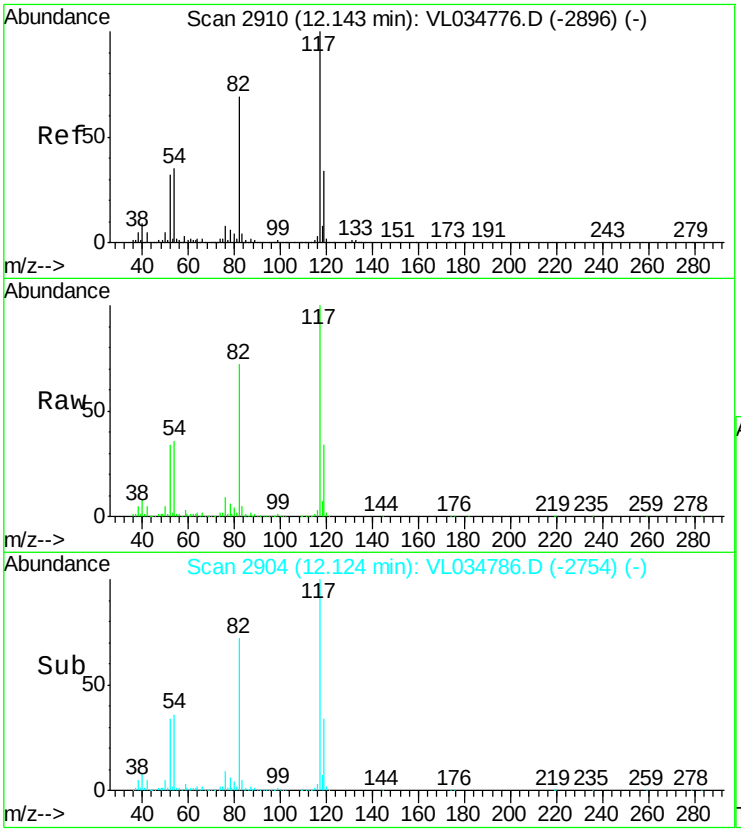


#52
Tetrachloroethene
Concen: 36.806 ppbv
RT: 11.26 min Scan# 2636
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion:164 Resp: 2324991

Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.3	154.9
129	107.5	79.0	118.4
131	103.1	81.0	121.4



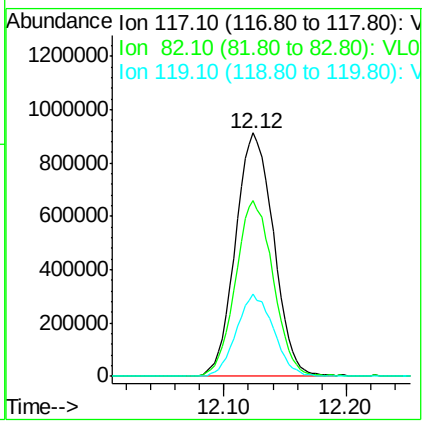


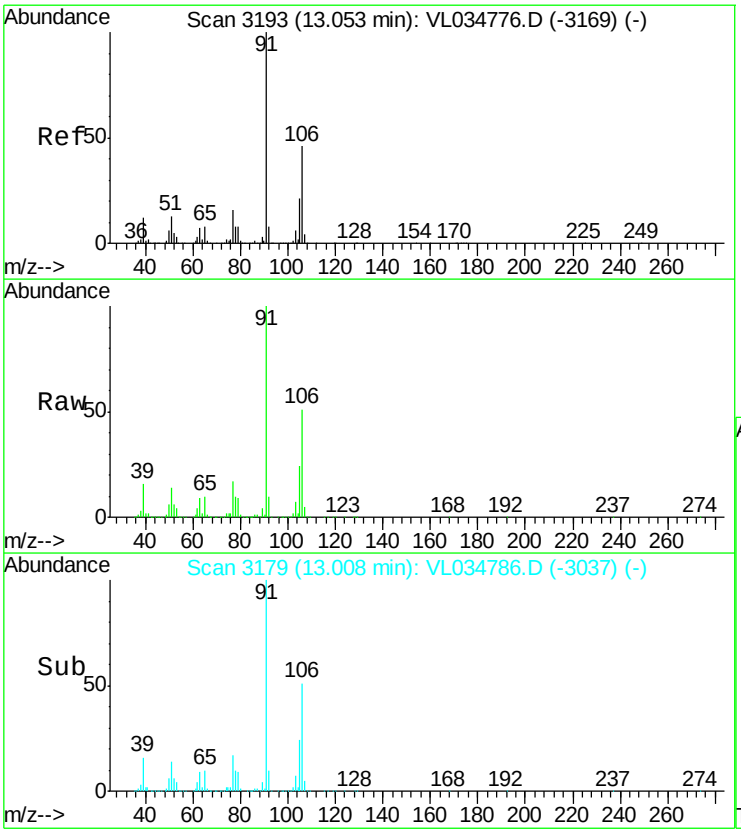
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:117 Resp: 1966070

Ion	Ratio	Lower	Upper
117	100		
82	71.9	53.9	80.9
119	33.3	25.0	37.4

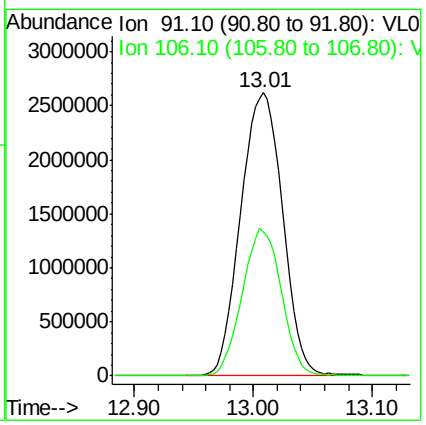


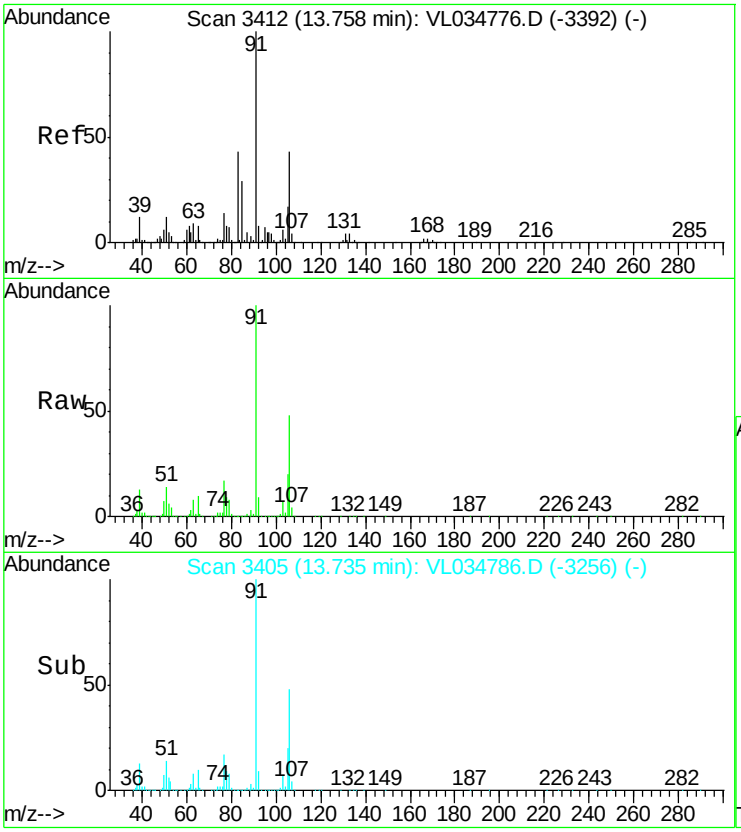


#59
m/p-Xylene
Concen: 30.506 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. -0.04 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 91 Resp: 6398126

Ion	Ratio	Lower	Upper
91	100		
106	49.0	35.8	53.8



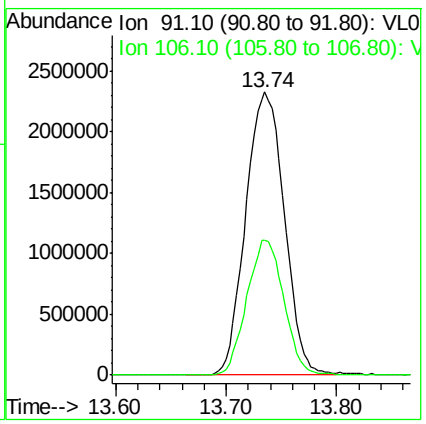


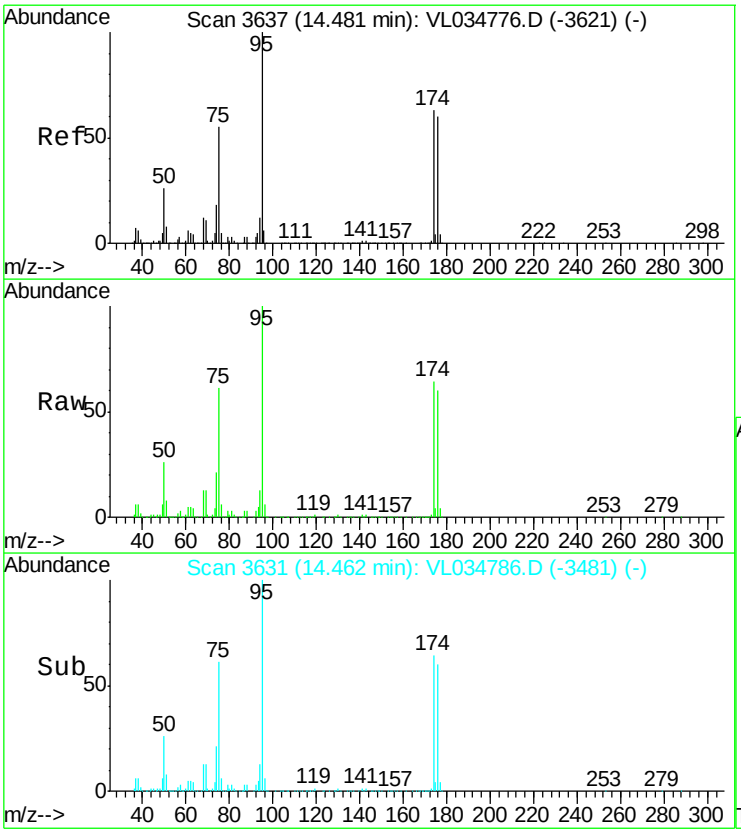
#60
o-Xylene
Concen: 26.603 ppbv
RT: 13.74 min Scan# 3405
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 91 Resp: 5645209

Ion	Ratio	Lower	Upper
91	100		
106	45.9	21.7	65.1

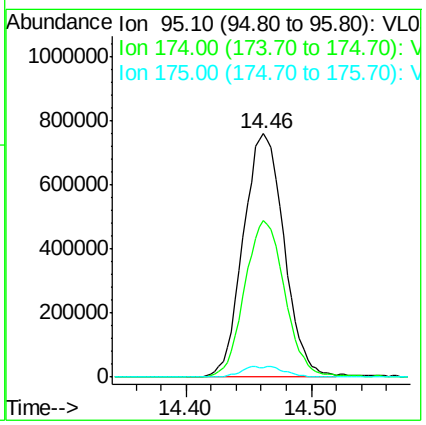


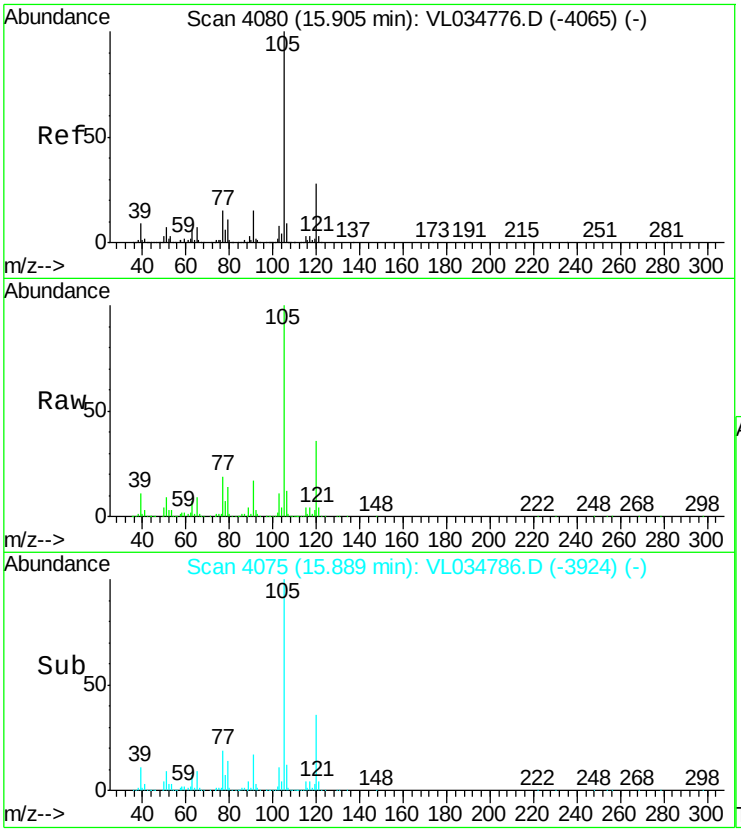


#68
1-Bromo-4-Fluorobenzene
Concen: 10.468 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 95 Resp: 1716060

Ion	Ratio	Lower	Upper
95	100		
174	63.6	50.6	76.0
175	4.6	3.8	5.6



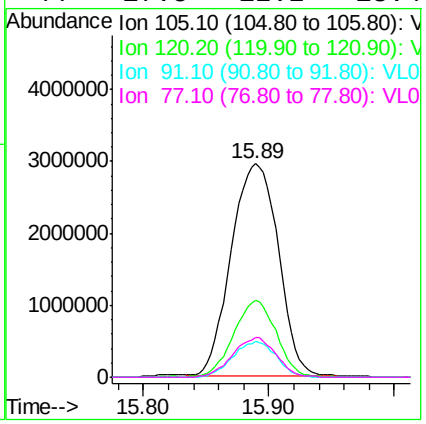


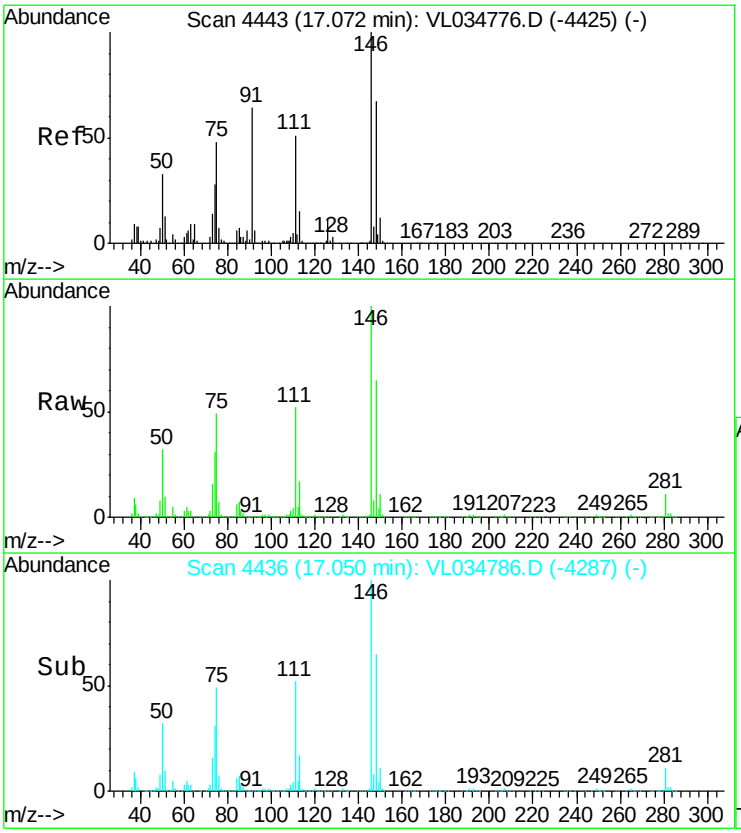
#72
4-Ethyltoluene
Concen: 32.533 ppbv
RT: 15.89 min Scan# 4075
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:105 Resp: 7686570

Ion	Ratio	Lower	Upper
105	100		
120	33.4	23.0	34.6
91	16.0	11.1	16.7
77	17.5	12.2	18.4





#75
1,3-Dichlorobenzene
Concen: 25.119 ppbv
RT: 17.05 min Scan# 4436
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion:146 Resp: 3663489

Ion	Ratio	Lower	Upper
146	100		
111	51.3	24.7	74.1
148	66.0	31.8	95.4