Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032972.D
Acq On : 12 Dec 2018 2:32
Operator : SY/AP
Sample : J6338-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 12 04:23:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1206178	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2986556	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3072596	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2367791	10.43	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	25878	0.283	ppbv #	73
4) Chloromethane	3.17	50	8975	0.169	ppbv #	82
9) Propene	3.05	41	9831	0.272	ppbv #	79
15) Acetone	3.93	43	74561	0.720	ppbv	92
20) Methylene Chloride	4.42	84	27445	0.542	ppbv	88
25) Ethyl Acetate	5.79	43	32066	0.131	ppbv #	79
26) Hexane	5.79	57	48615	0.431	ppbv #	41
27) Carbon Disulfide	4.63	76	56778	0.402	ppbv #	77
29) Chloroform	5.85	83	407243	2.021	ppbv	98
39) 1,2-Dichloropropane	7.30	63	740342	8.887	ppbv #	21
52) Tetrachloroethene	11.38	164	2731277	34.182	ppbv	99
53) Toluene	9.95	91	42562	0.183	ppbv	97
58) Ethyl Benzene	12.87	91	11267	0.034	ppbv	94
59) m/p-Xylene	13.13	91	74512	0.251	ppbv #	100
60) o-Xylene	13.85	91	36051	0.120	ppbv #	15
63) 1,1,2,2-Tetrachloroethane	13.83	83	7763	0.033	ppbv #	25
72) 4-Ethyltoluene	16.00	105	12953	0.039	ppbv #	56
73) 1,3,5-Trimethylbenzene	16.17	105	18435	0.056	ppbv #	70
74) 1,2,4-Trimethylbenzene	16.93	105	69389	0.188	ppbv #	69

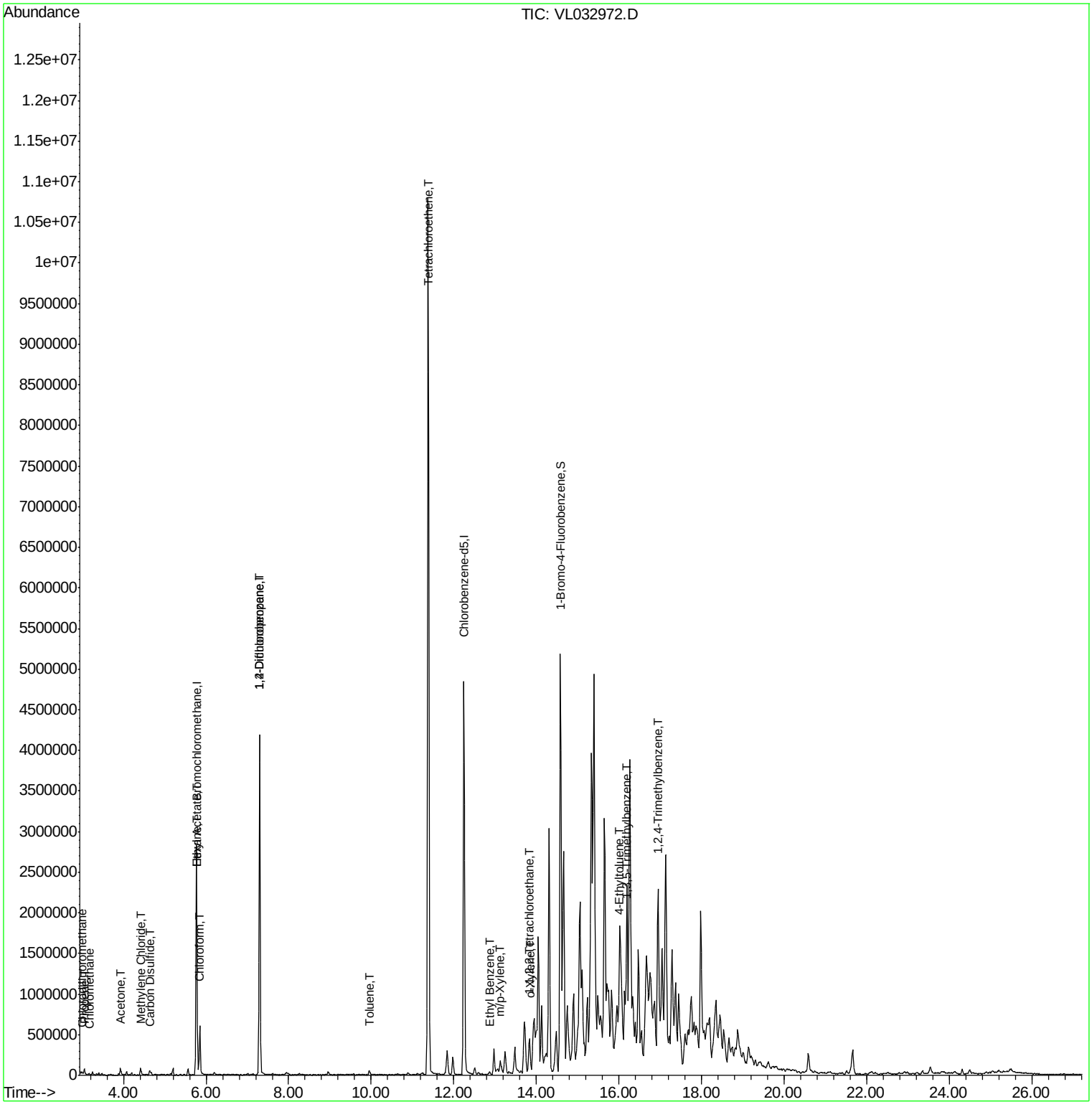
(#) = qualifier out of range (m) = manual integration (+) = signals summed

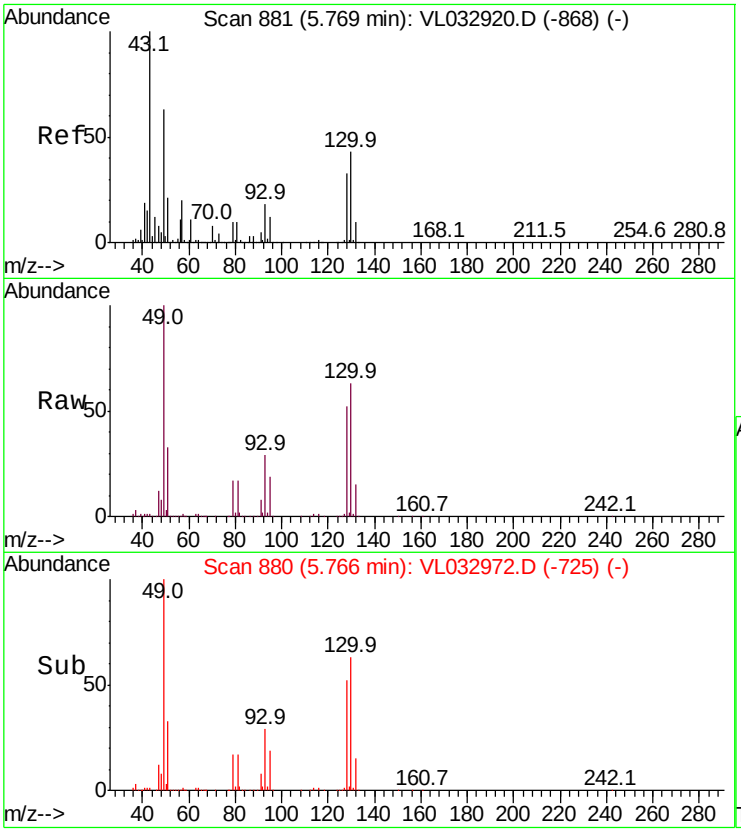
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032972.D
Acq On : 12 Dec 2018 2:32
Operator : SY/AP
Sample : J6338-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 12 04:23:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



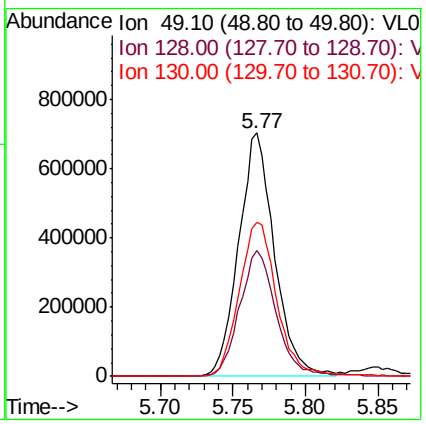


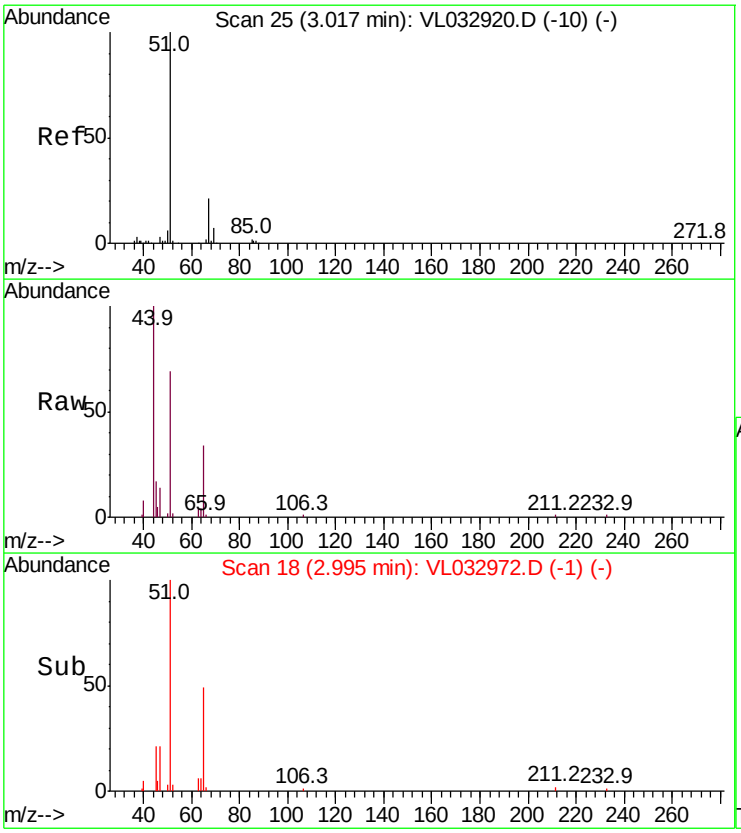
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1206178

Ion	Ratio	Lower	Upper
49	100		
128	53.2	26.3	78.8
130	66.9	33.9	101.7

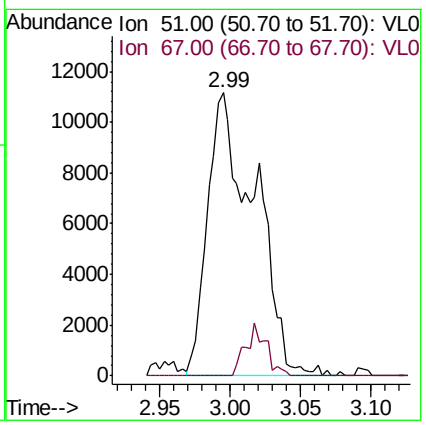


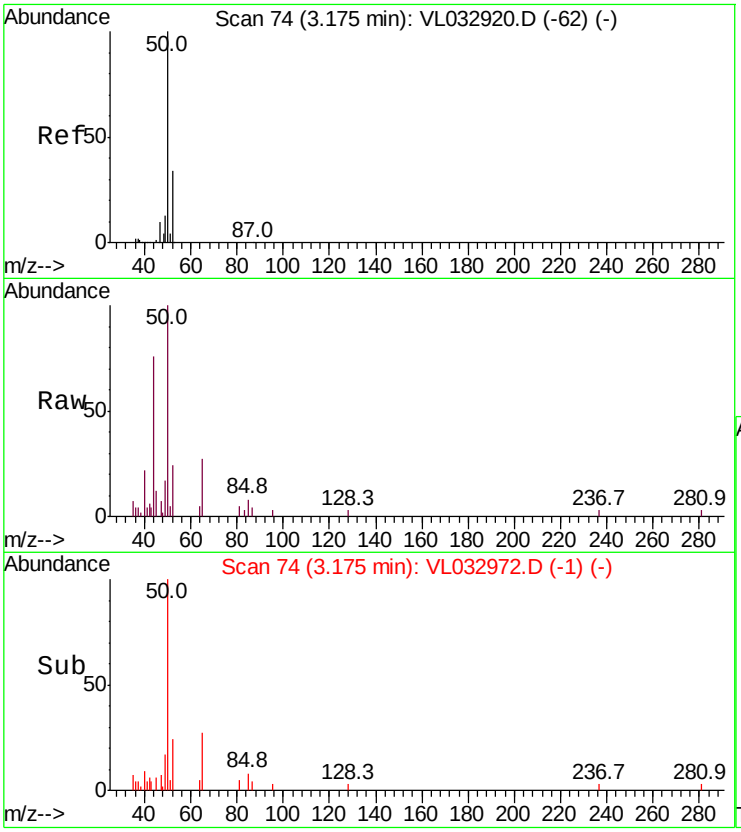


#3
Chlorodifluoromethane
Concen: 0.283 ppbv
RT: 2.99 min Scan# 18
Delta R.T. -0.02 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 51 Resp: 25878

Ion	Ratio	Lower	Upper
51	100		
67	8.2	16.8	25.2#



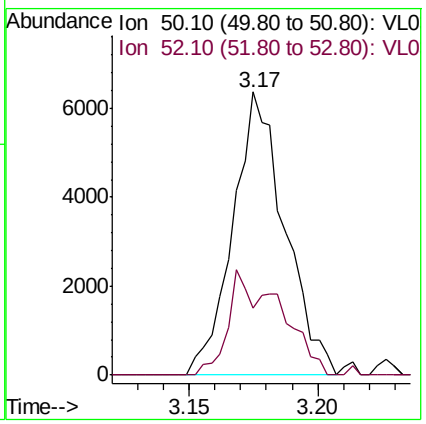


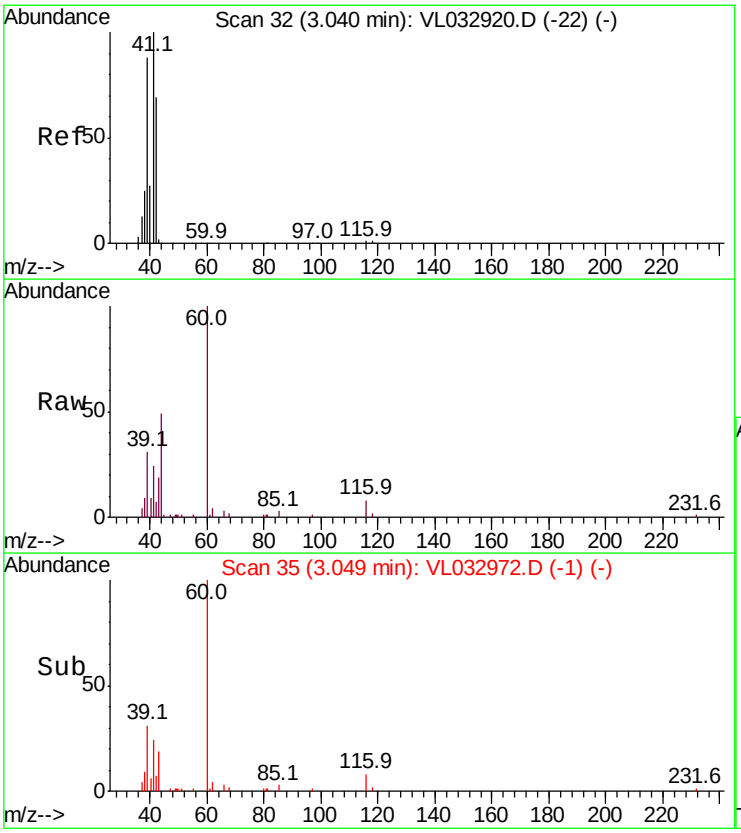
#4
Chloromethane
Concen: 0.169 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 8975

Ion	Ratio	Lower	Upper
50	100		
52	23.5	27.3	40.9#

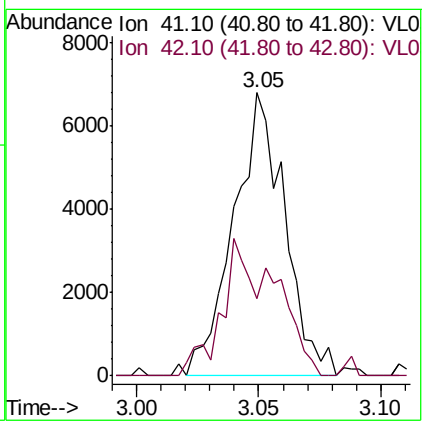


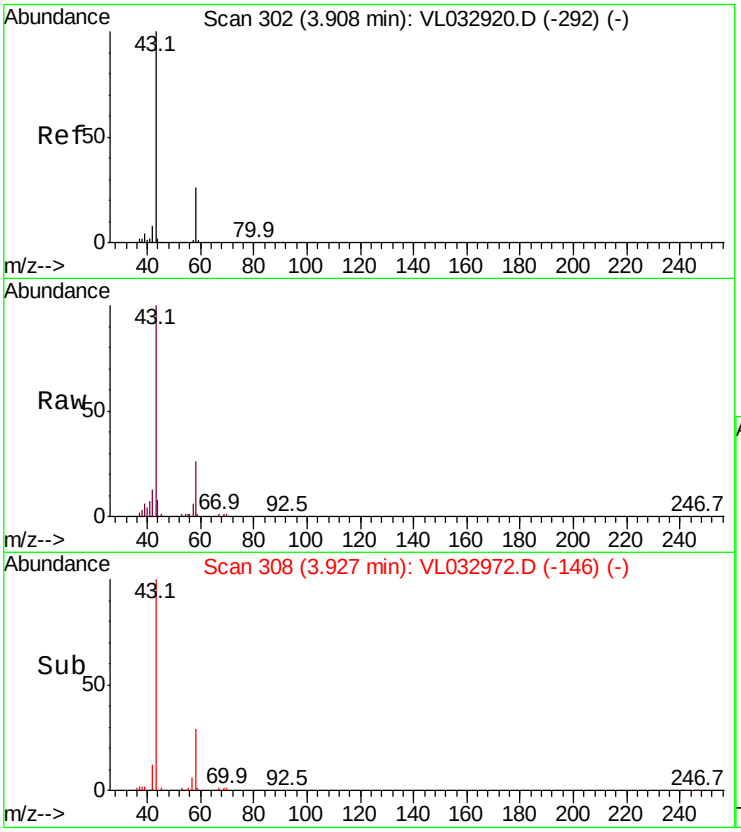


#9
Propene
Concen: 0.272 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 41 Resp: 9831

Ion	Ratio	Lower	Upper
41	100		
42	52.9	56.2	84.2#



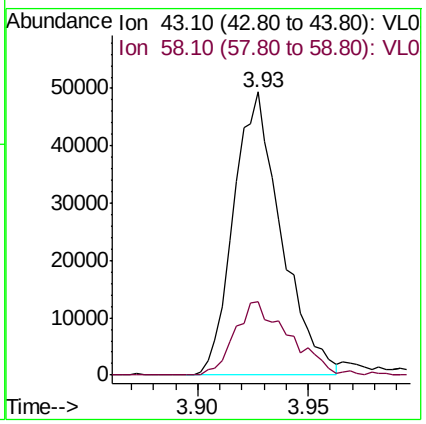


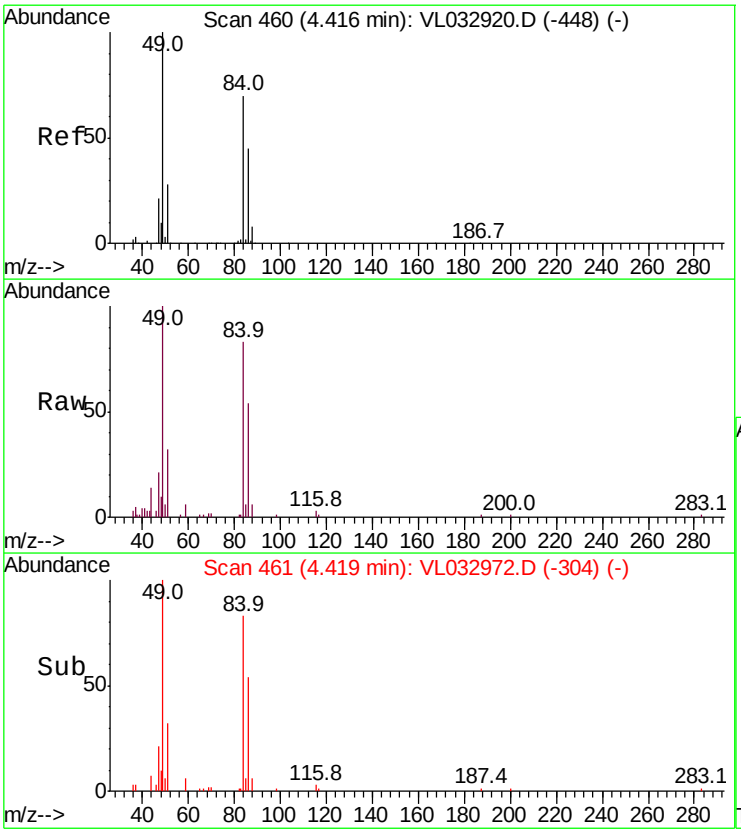
#15
Acetone
Concen: 0.720 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 74561

Ion	Ratio	Lower	Upper
43	100		
58	29.8	20.6	30.8

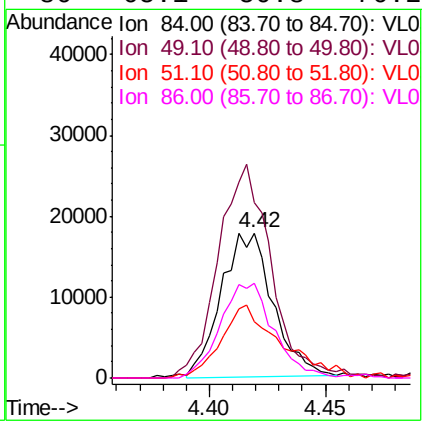


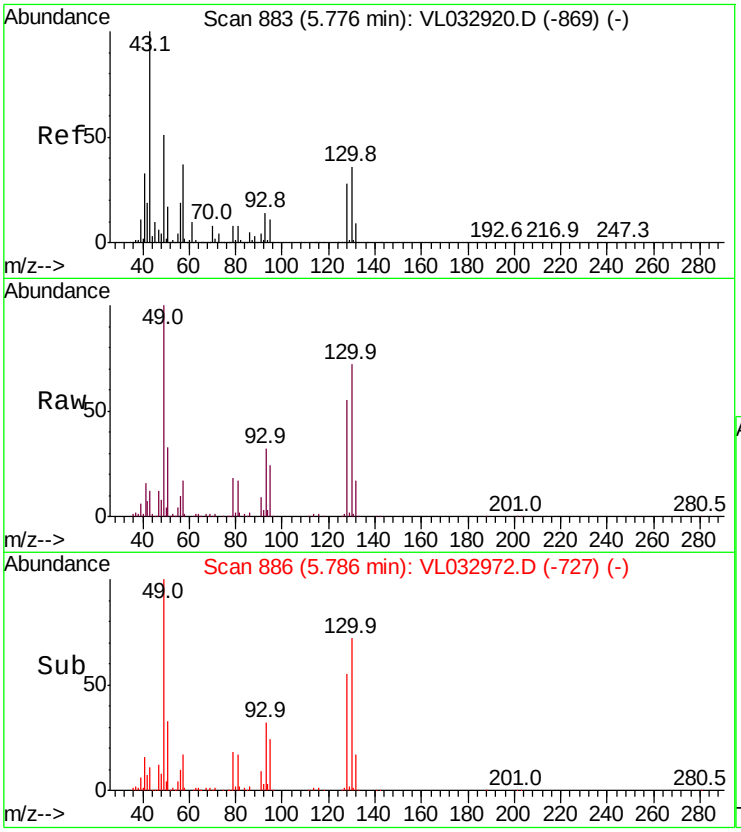


#20
Methylene Chloride
Concen: 0.542 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 84 Resp: 27445

Ion	Ratio	Lower	Upper
84	100		
49	119.4	113.8	170.8
51	38.5	31.8	47.8
86	65.1	50.8	76.2



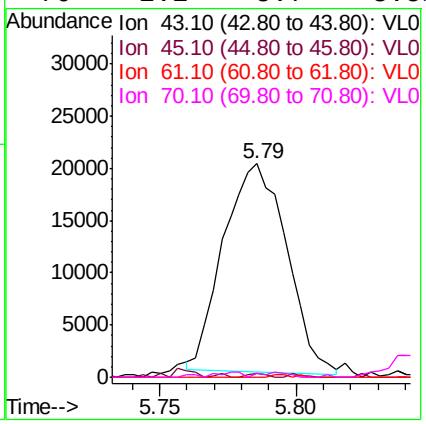


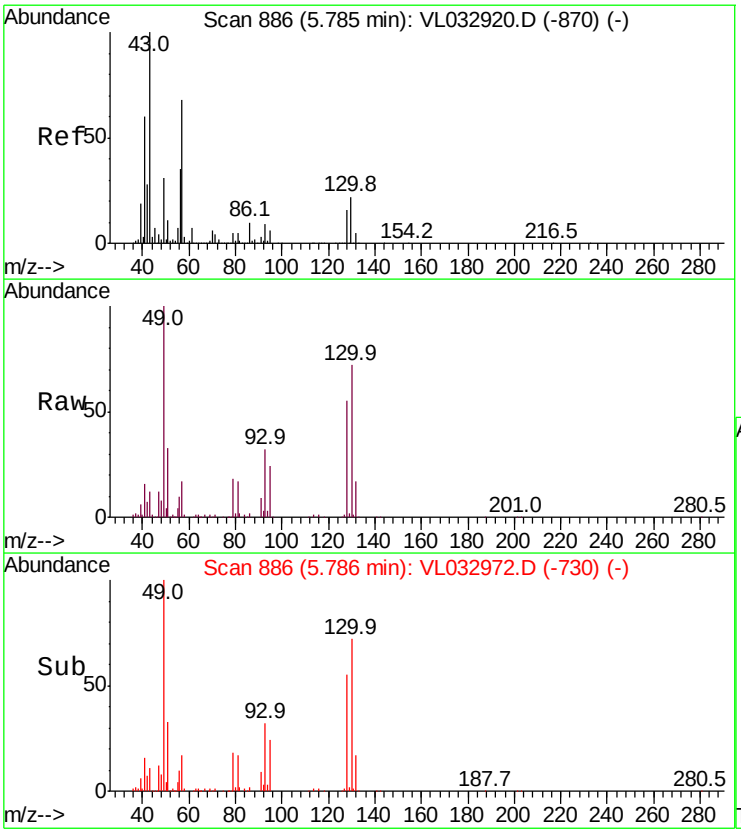
#25
Ethyl Acetate
Concen: 0.131 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 32066

Ion	Ratio	Lower	Upper
43	100		
45	1.0	7.8	11.6#
61	0.4	7.4	11.2#
70	2.2	5.7	8.5#

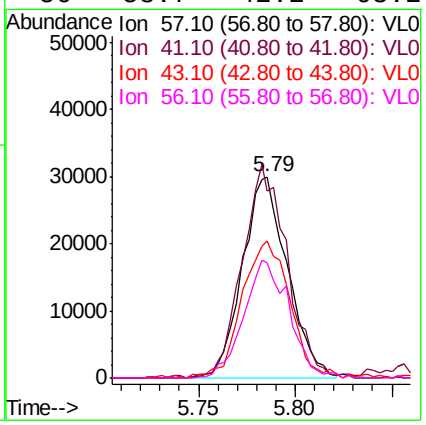


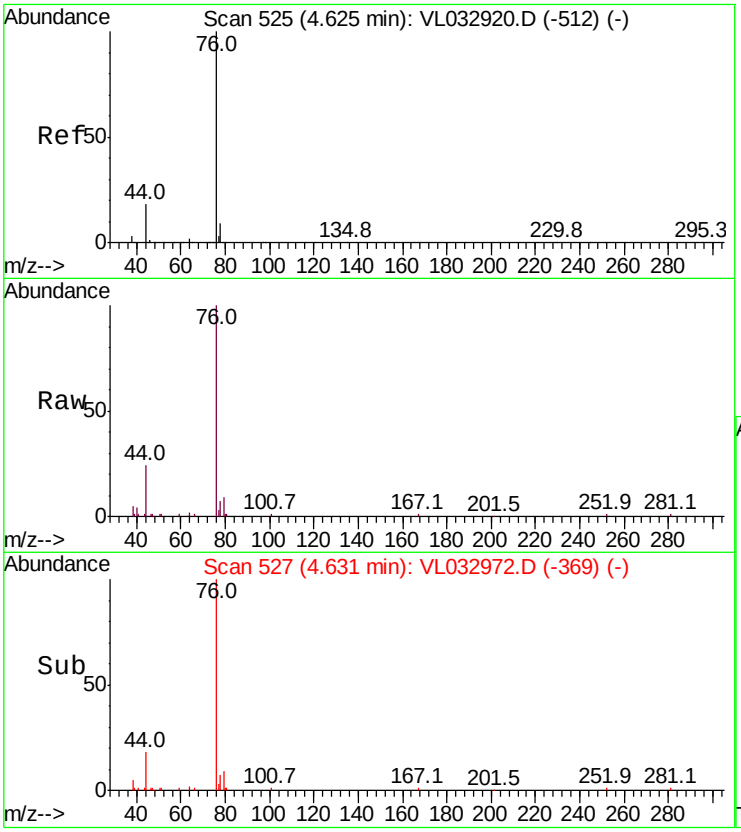


#26
Hexane
Concen: 0.431 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 57 Resp: 48615

Ion	Ratio	Lower	Upper
57	100		
41	106.2	72.2	108.2
43	72.7	171.9	257.9#
56	58.7	42.2	63.2



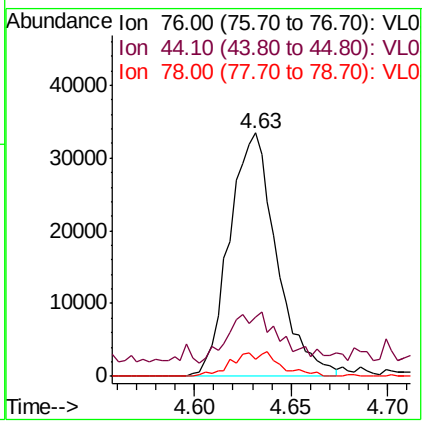


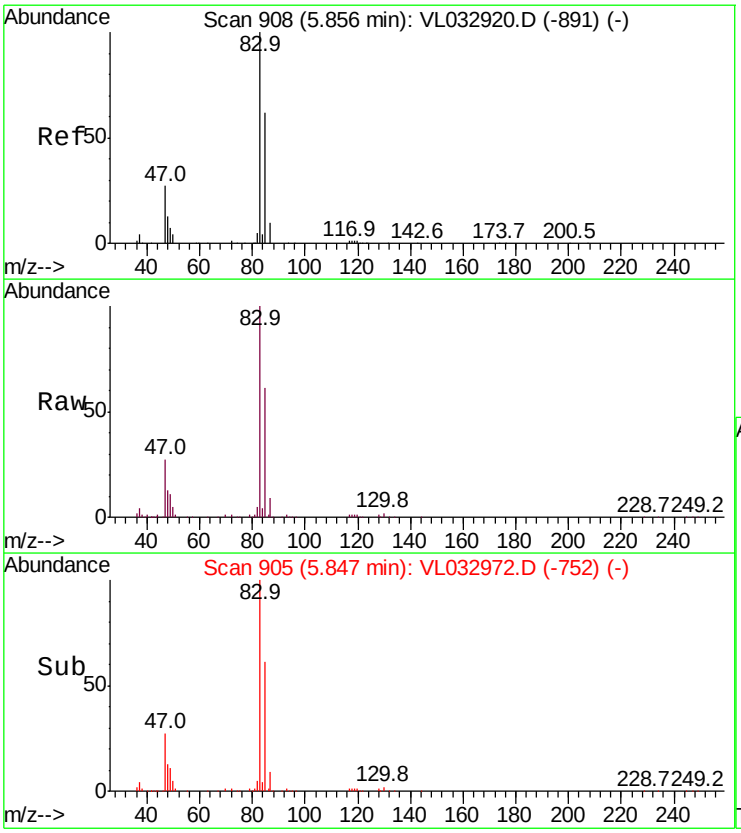
#27
Carbon Disulfide
Concen: 0.402 ppbv
RT: 4.63 min Scan# 527
Delta R.T. 0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 56778

Ion	Ratio	Lower	Upper
76	100		
44	33.1	14.7	22.1#
78	10.5	7.4	11.2

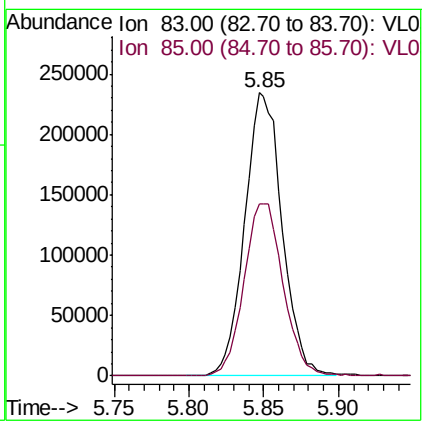


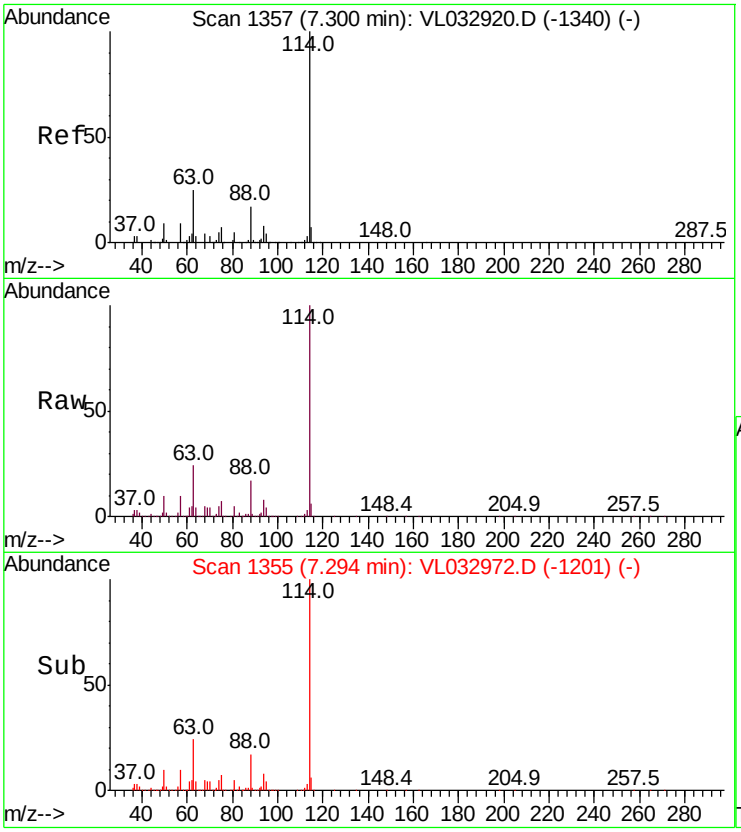


#29
Chloroform
Concen: 2.021 ppbv
RT: 5.85 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 83 Resp: 407243

Ion	Ratio	Lower	Upper
83	100		
85	60.7	49.8	74.8



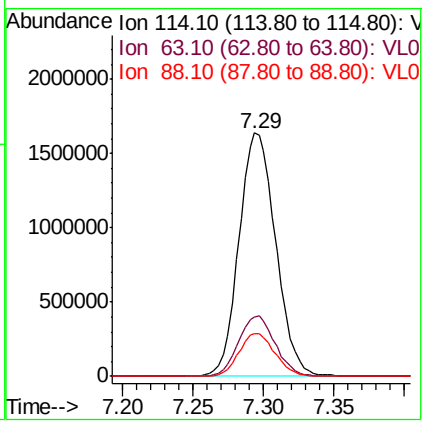


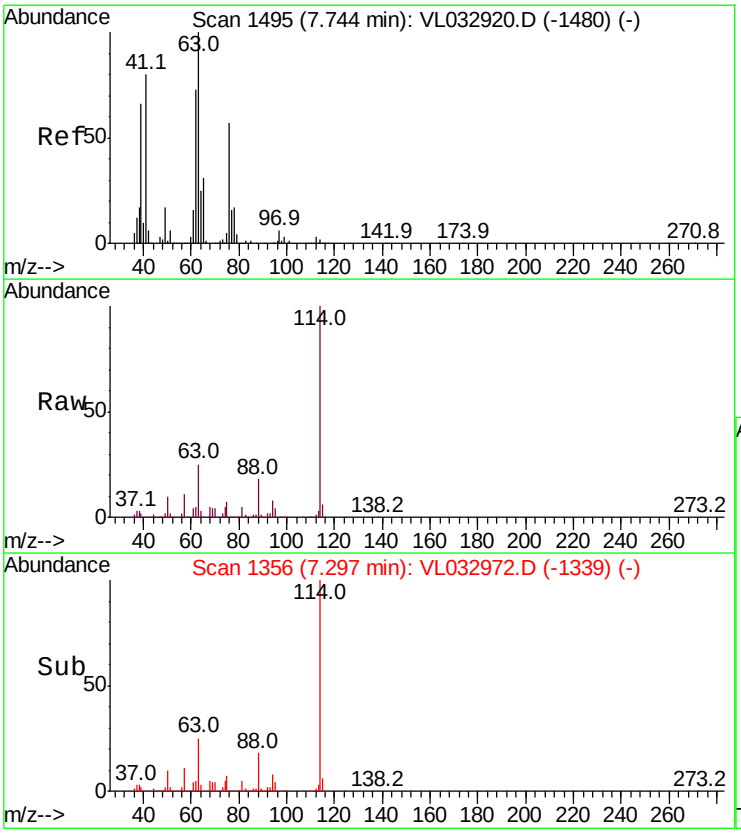
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2986556

Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.1	30.1
88	17.4	14.2	21.4

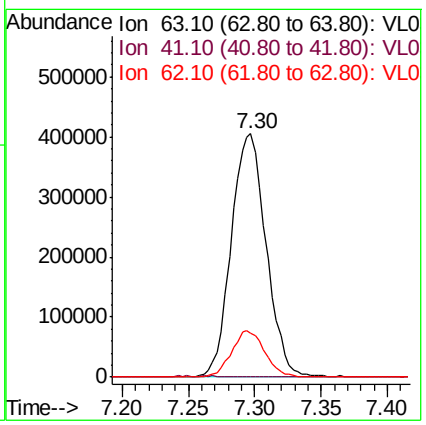


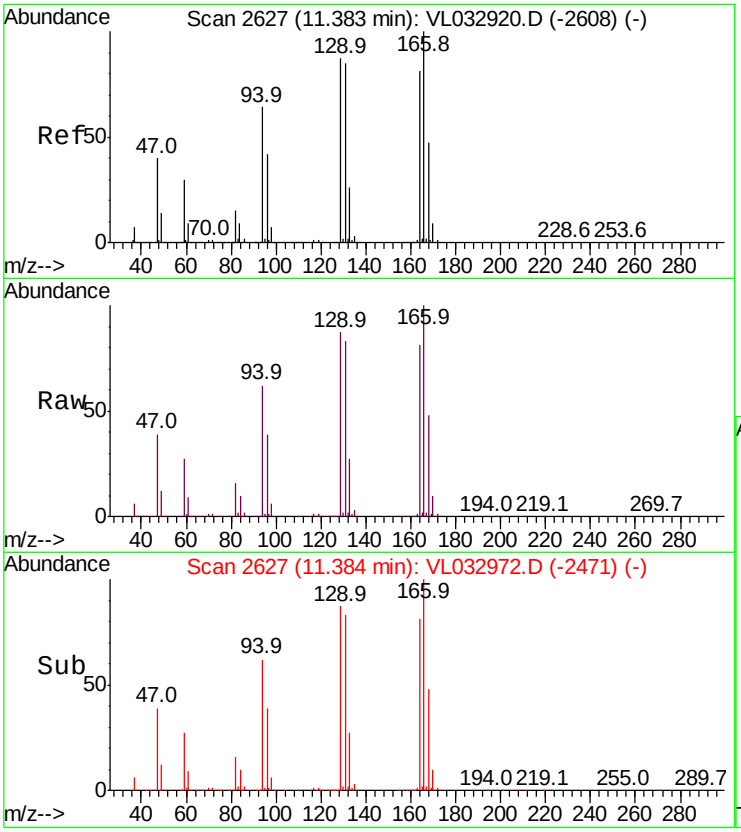


#39
1,2-Dichloropropane
Concen: 8.887 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 63 Resp: 740342

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	18.2	58.8	88.2#



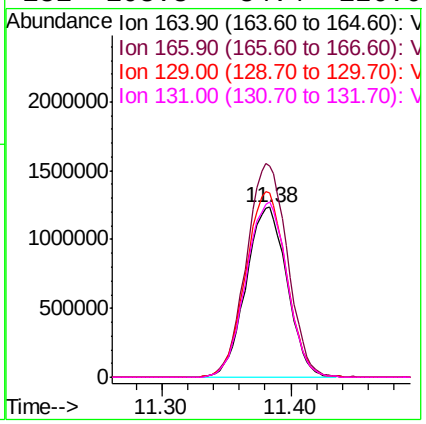


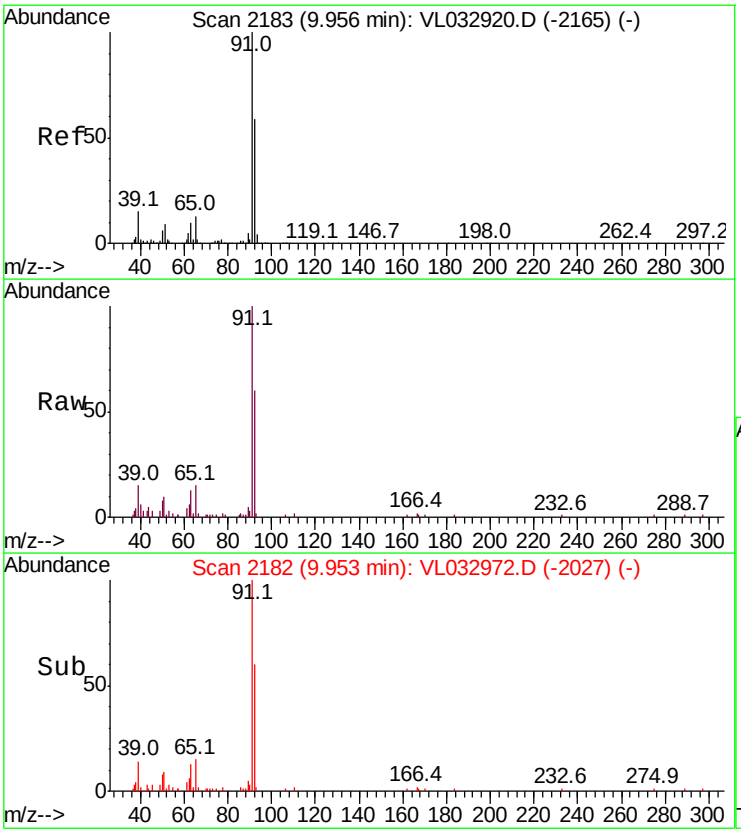
#52
Tetrachloroethene
Concen: 34.182 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 2731277

Ion	Ratio	Lower	Upper
164	100		
166	124.0	98.8	148.2
129	108.4	85.5	128.3
131	103.3	84.4	126.6

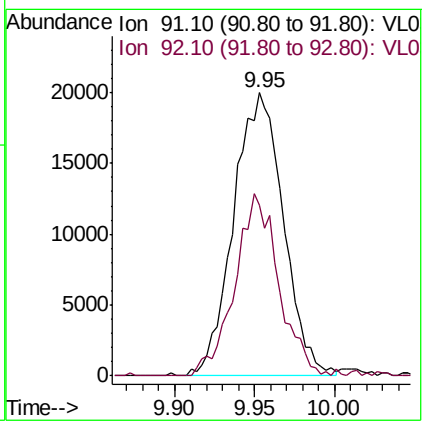


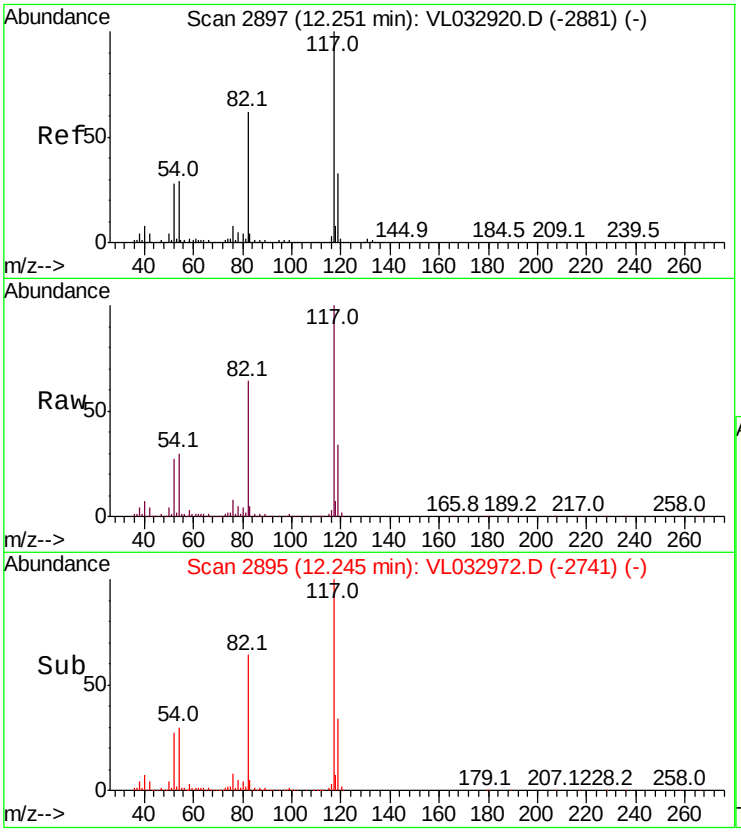


#53
Toluene
Concen: 0.183 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 91 Resp: 42562

Ion	Ratio	Lower	Upper
91	100		
92	56.7	47.4	71.0



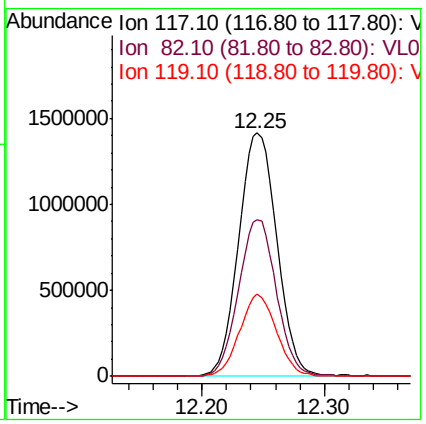


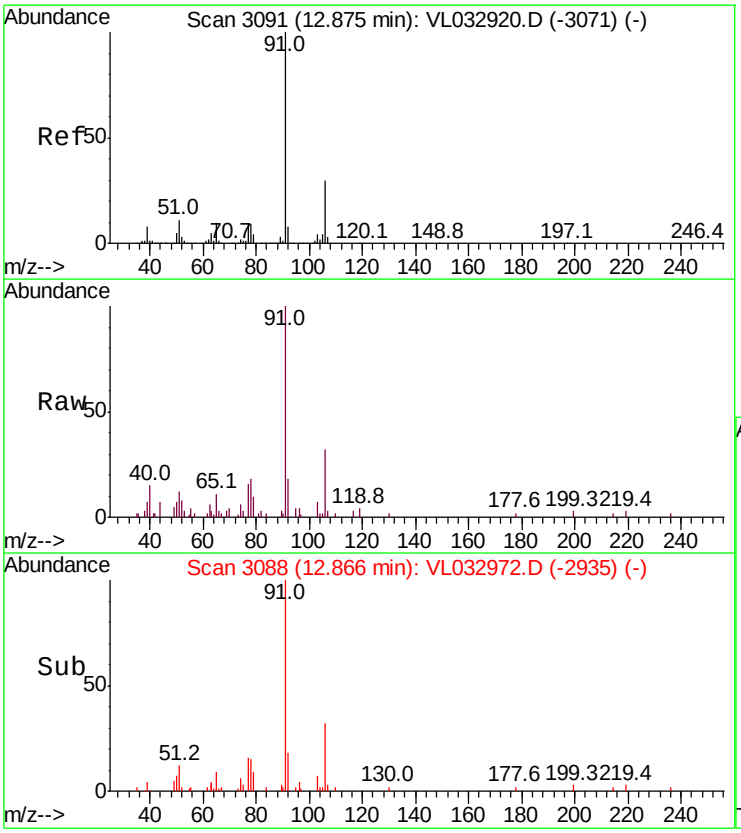
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3072596

Ion	Ratio	Lower	Upper
117	100		
82	64.1	47.8	71.8
119	32.6	43.1	64.7#

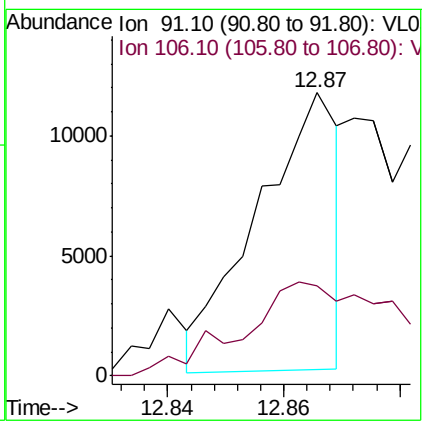


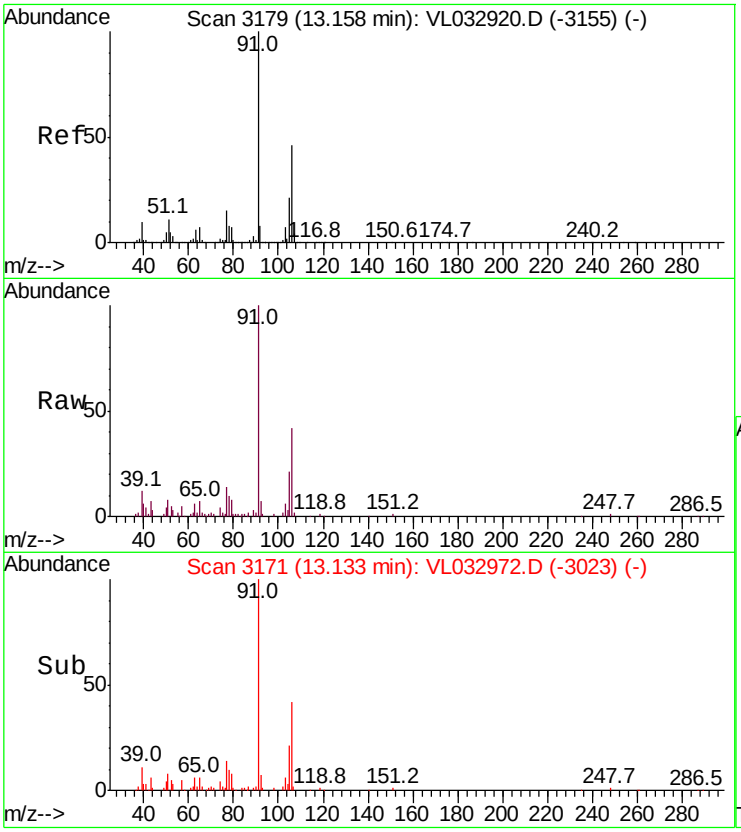


#58
Ethyl Benzene
Concen: 0.034 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 91 Resp: 11267

Ion	Ratio	Lower	Upper
91	100		
106	33.1	23.9	35.9



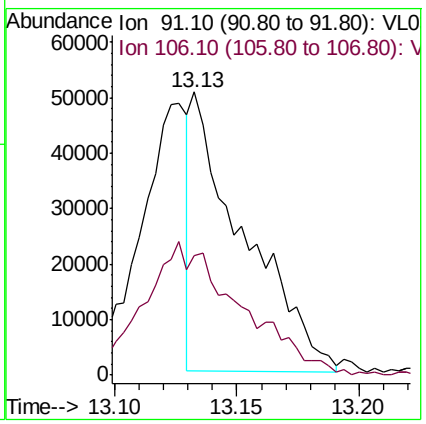


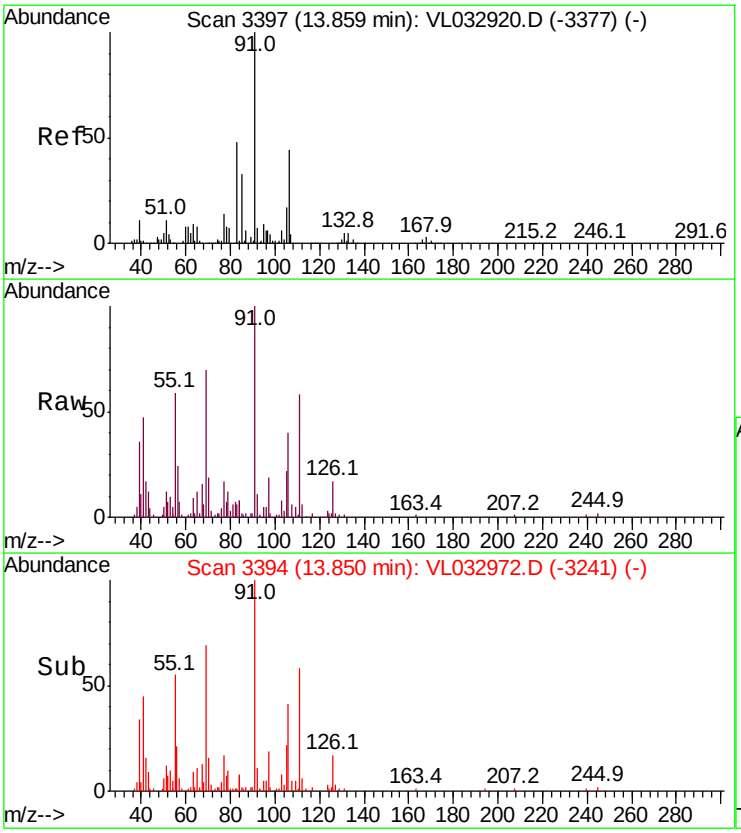
#59
m/p-Xylene
Concen: 0.251 ppbv
RT: 13.13 min Scan# 3171
Delta R.T. -0.03 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 74512

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

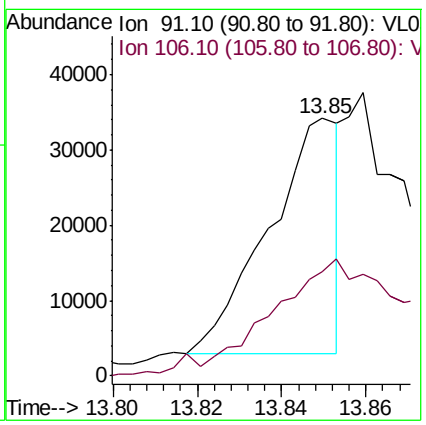


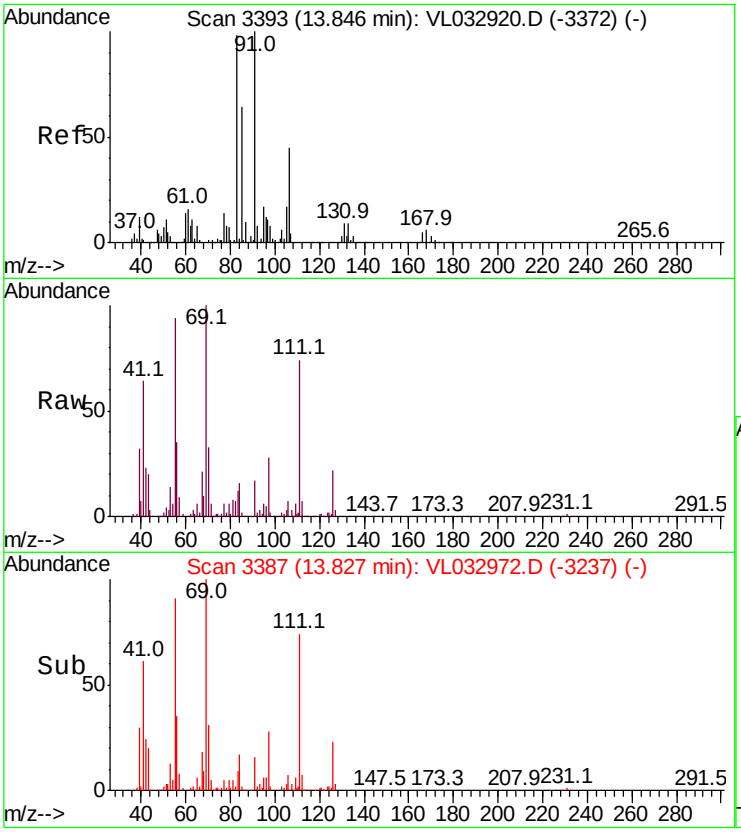


#60
o-Xylene
Concen: 0.120 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 91 Resp: 36051

Ion	Ratio	Lower	Upper
91	100		
106	99.0	21.9	65.8#



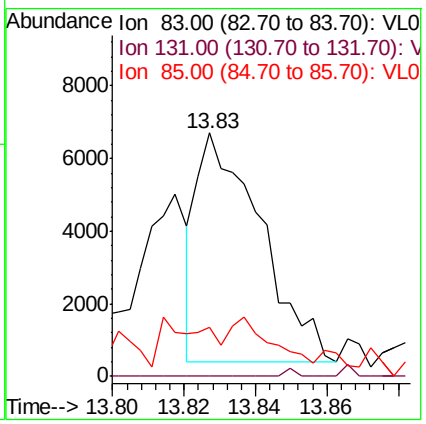


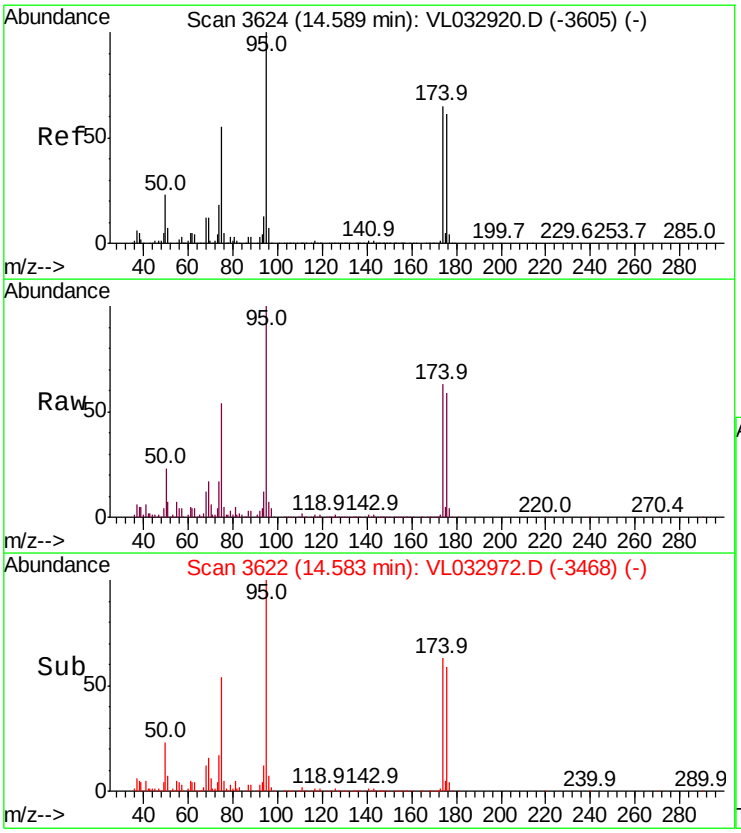
#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. -0.02 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 7763

Ion	Ratio	Lower	Upper
83	100		
131	1.4	4.9	14.6#
85	0.0	32.9	98.6#

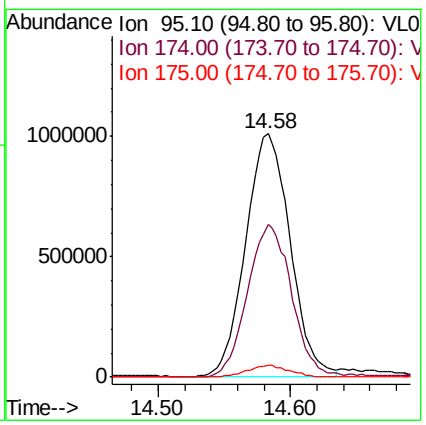


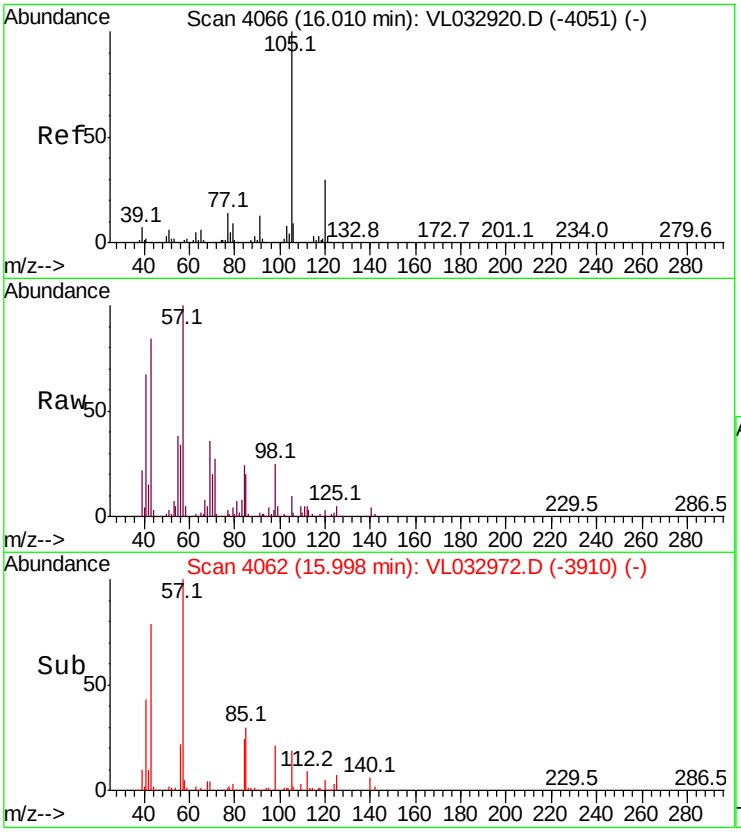


#68
1-Bromo-4-Fluorobenzene
Concen: 10.431 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion: 95 Resp: 2367791

Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.4	77.0
175	4.6	3.8	5.6



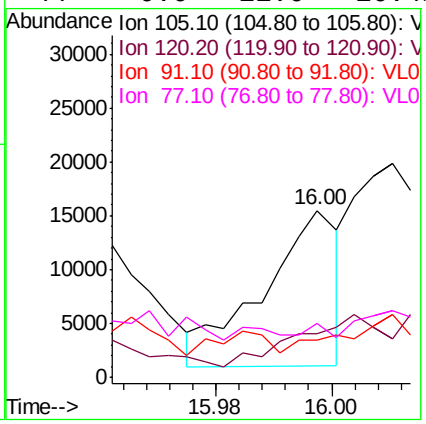


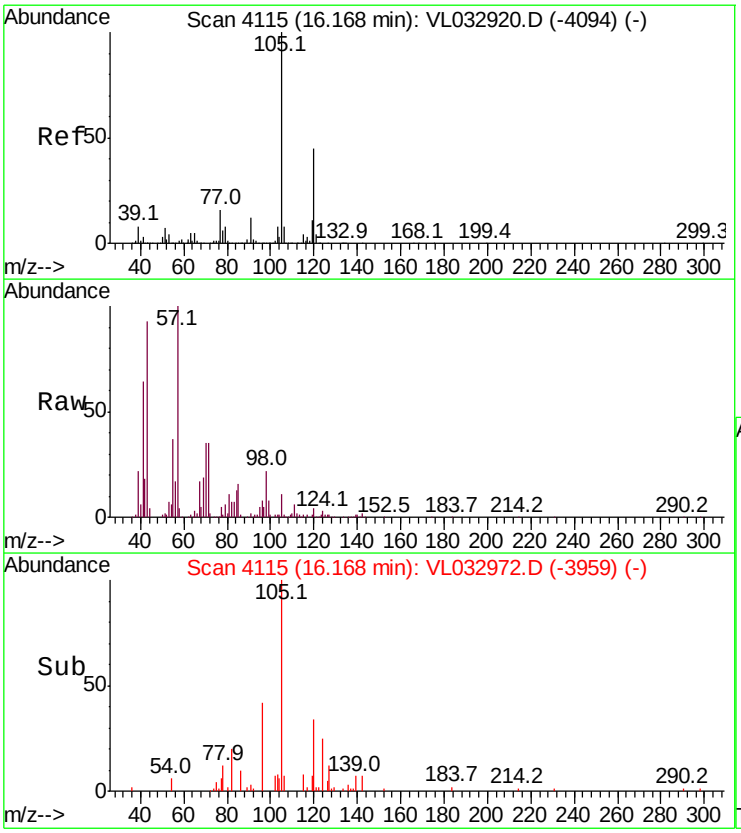
#72
4-Ethyltoluene
Concen: 0.039 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 12953

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.0	34.4#
91	0.0	10.4	15.6#
77	0.0	11.0	16.4#

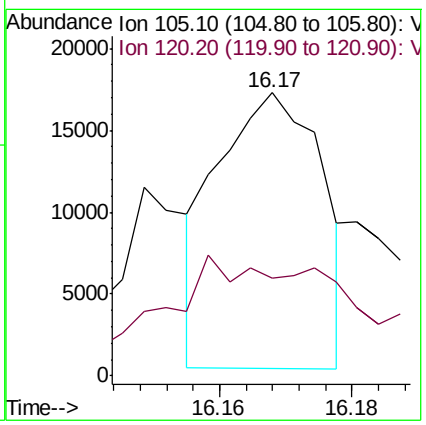


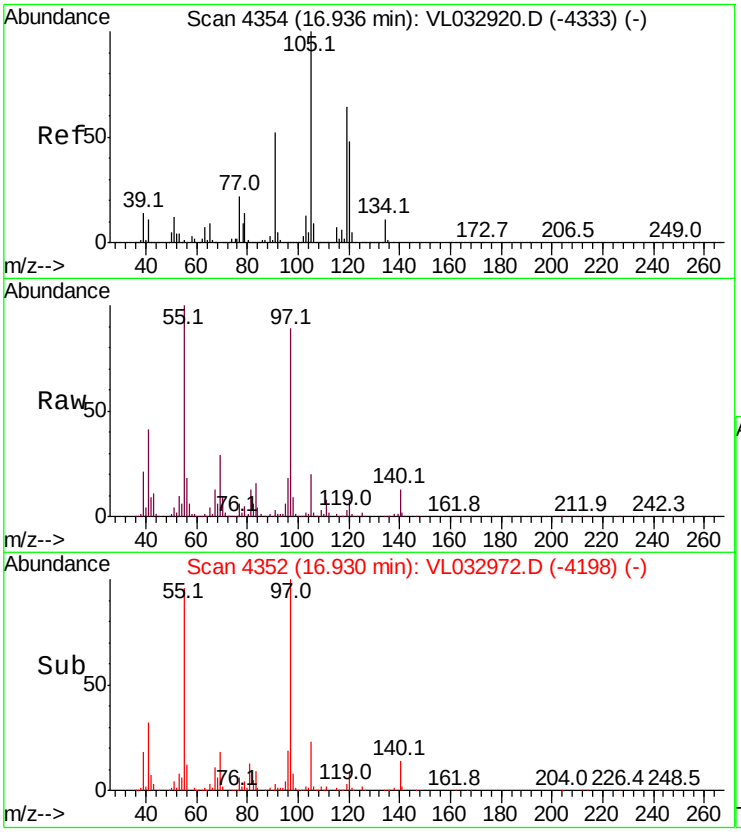


#73
1,3,5-Trimethylbenzene
Concen: 0.056 ppbv
RT: 16.17 min Scan# 4115
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion:105 Resp: 18435

Ion	Ratio	Lower	Upper
105	100		
120	25.6	36.0	54.0#





#74
1,2,4-Trimethylbenzene
Concen: 0.188 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 69389

Ion	Ratio	Lower	Upper
105	100		
120	39.4	38.6	58.0
91	10.5	41.7	62.5#
77	20.9	17.4	26.2