Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034332.D
Acq On : 18 Oct 2019 1:19
Operator : SY/AP
Sample : K5409-03DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV3DL

Quant Time: Oct 18 04:36:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	828145	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1783665	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1803644	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1478182	9.68	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.80%			
Target Compounds						Qvalue
9) Propene	3.00	41	88379	2.054	ppbv #	78
10) Heptane	8.17	43	8175	0.074	ppbv #	19
13) Ethanol	3.60	45	531	0.055	ppbv #	36
15) Acetone	3.85	43	358349	3.025	ppbv	98
16) 1,3-Butadiene	3.34	39	29388	0.611	ppbv #	36
20) Methylene Chloride	4.35	84	7695	0.180	ppbv #	80
26) Hexane	5.71	57	34261	0.402	ppbv #	41
36) Benzene	6.92	78	27834	0.163	ppbv #	86
38) Trichloroethene	7.87	130	2427	0.035	ppbv #	67
39) 1,2-Dichloropropane	7.21	63	486881	6.607	ppbv #	21
52) Tetrachloroethene	11.28	164	788748	11.758	ppbv	94
53) Toluene	9.86	91	27964	0.148	ppbv #	20
60) o-Xylene	13.76	91	11118	0.051	ppbv	93

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

Quantitation Report (Not Reviewed)

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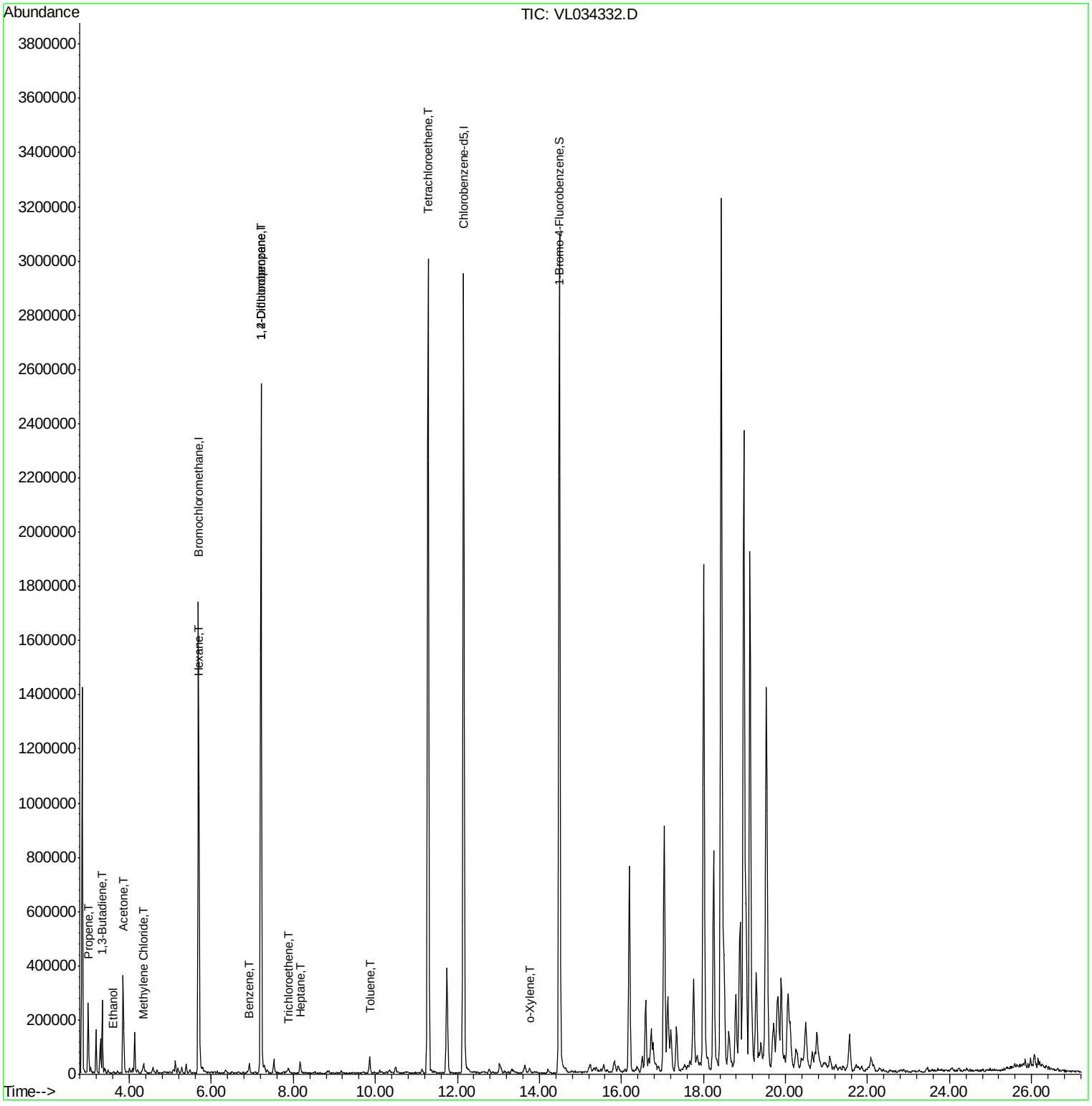
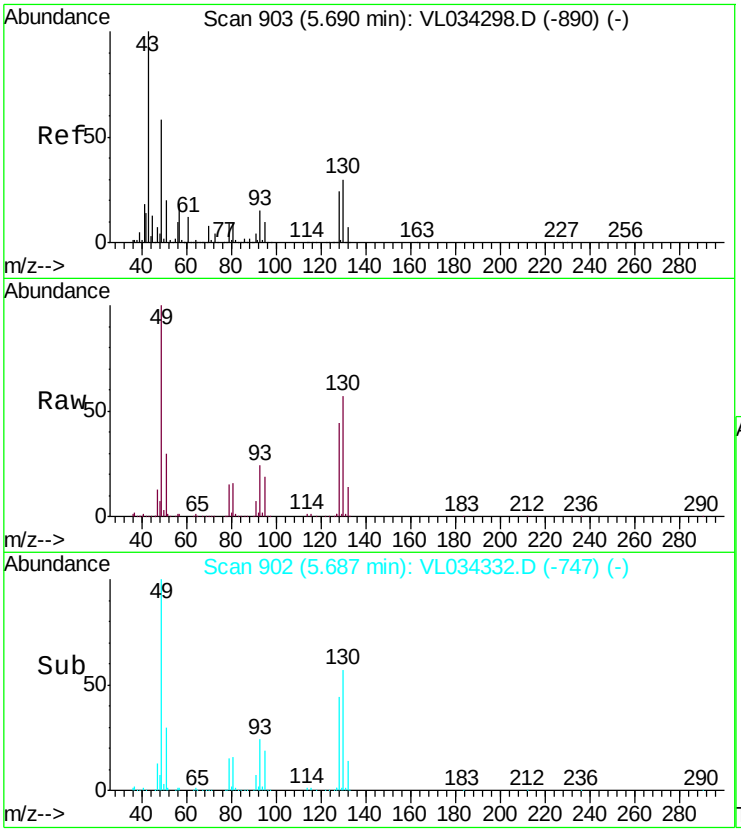


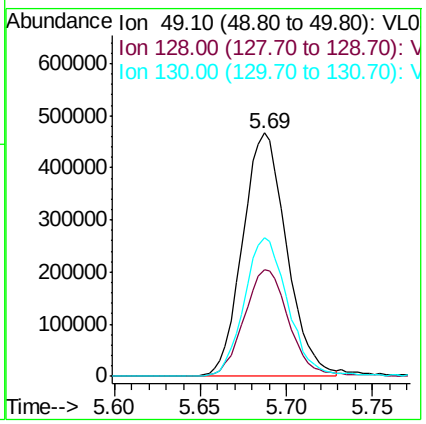


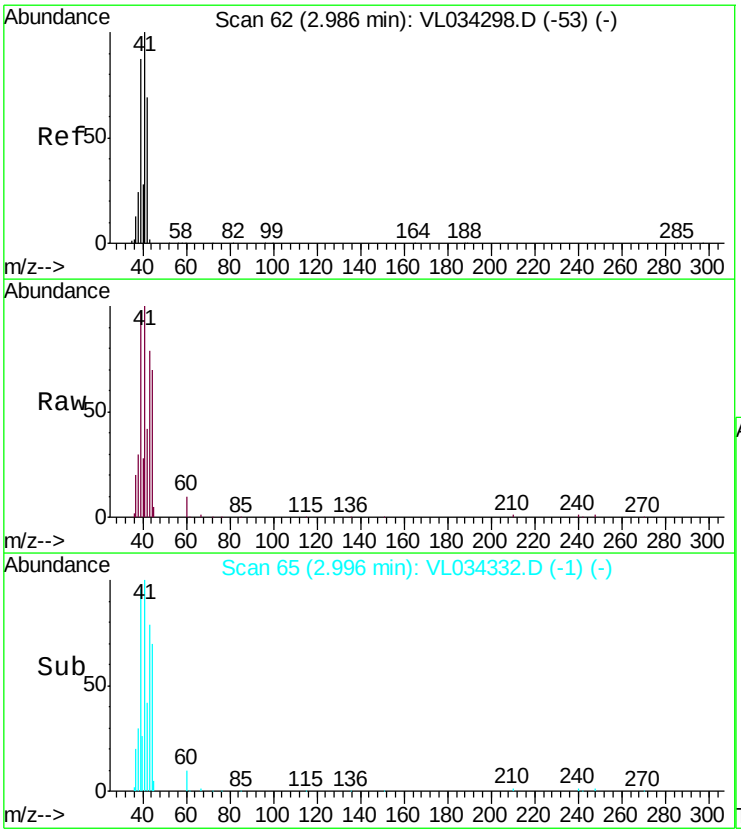
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion: 49 Resp: 828145

Ion	Ratio	Lower	Upper
49	100		
128	45.2	20.6	61.8
130	57.1	26.2	78.5

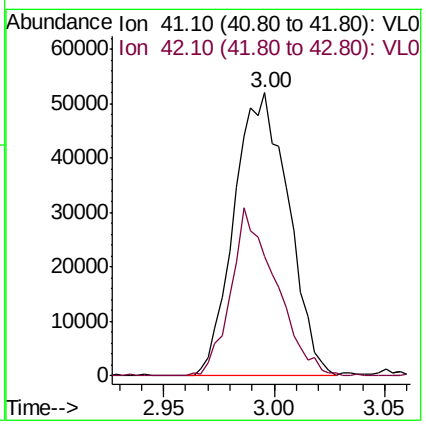


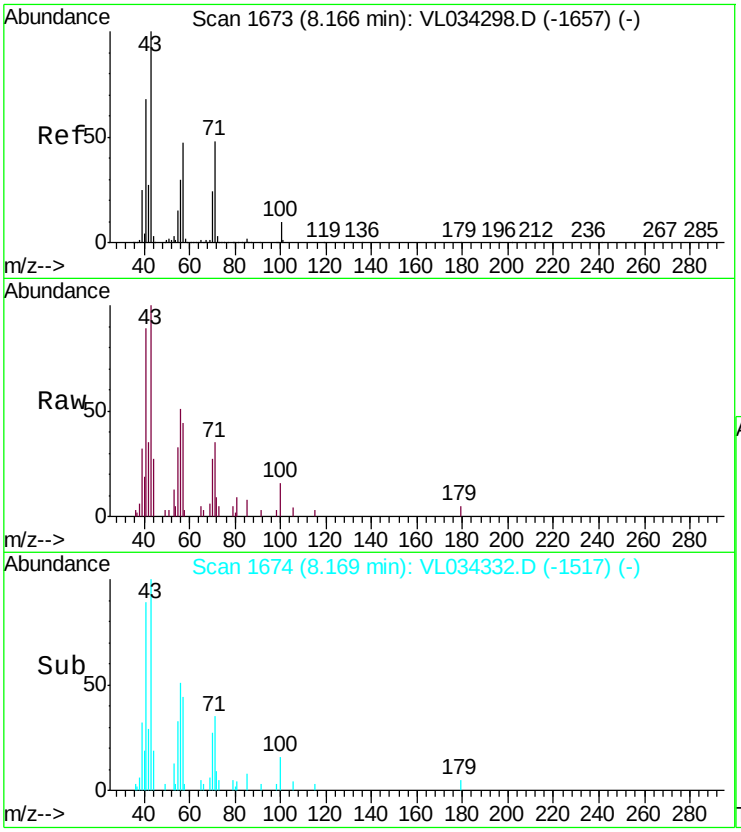


#9
Propene
Concen: 2.054 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 41 Resp: 88379

Ion	Ratio	Lower	Upper
41	100		
42	49.6	53.9	80.9#



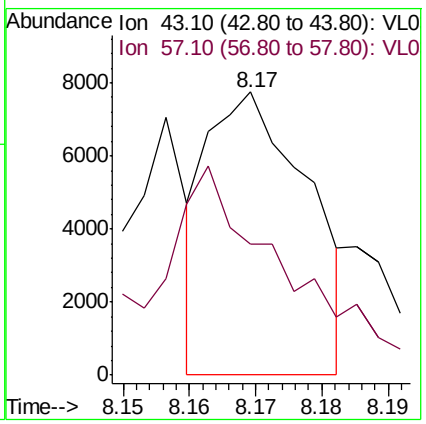


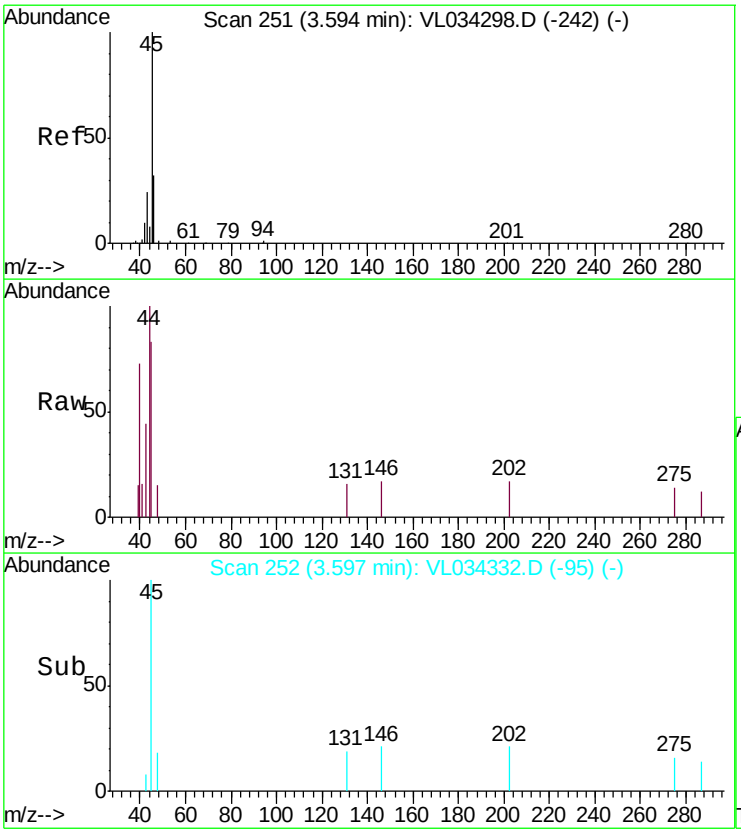
#10
Heptane
Concen: 0.074 ppbv
RT: 8.17 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion: 43 Resp: 8175

Ion	Ratio	Lower	Upper
43	100		
57	105.0	39.5	59.3#

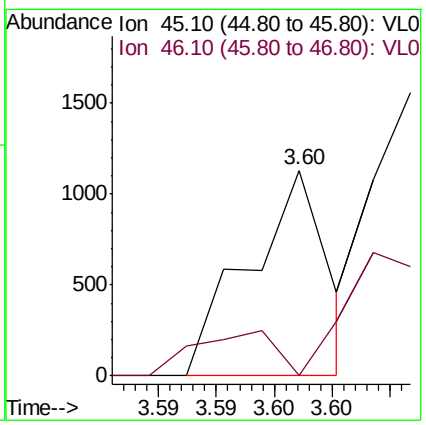


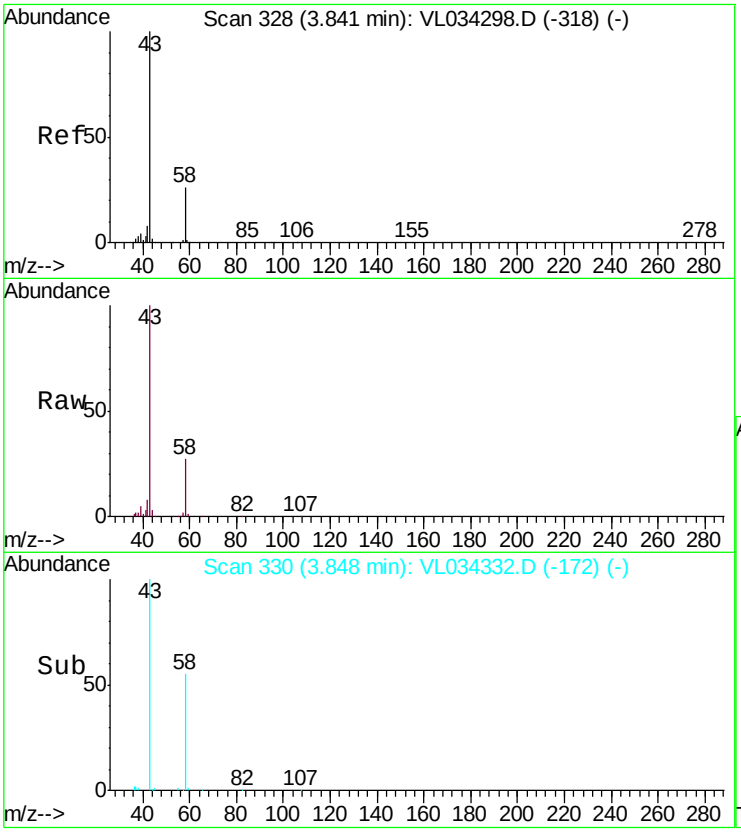


#13
Ethanol
Concen: 0.055 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 45 Resp: 531

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.2#



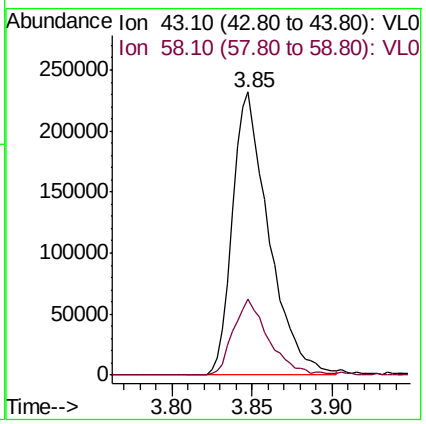


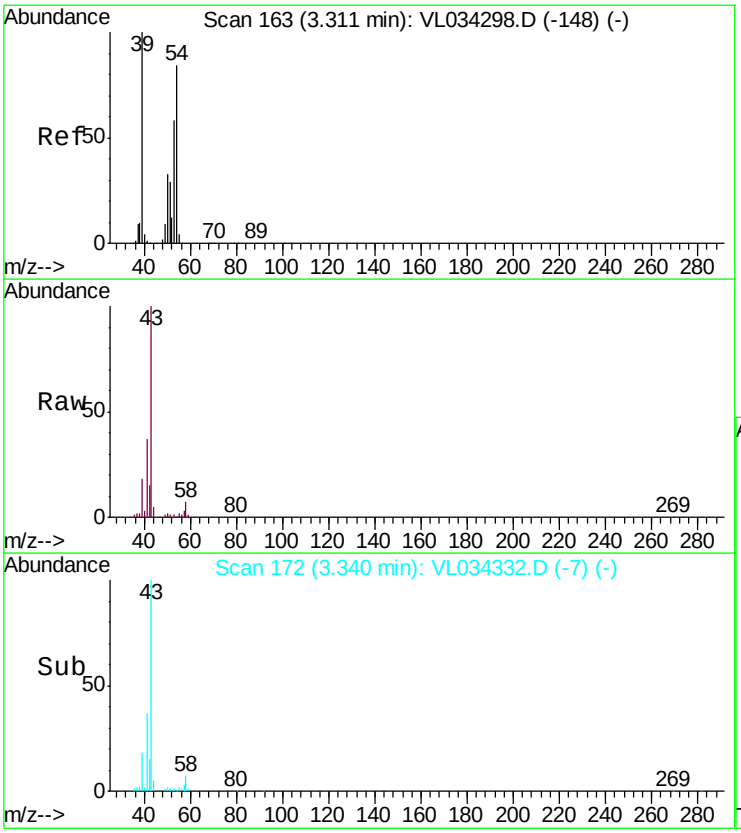
#15
Acetone
Concen: 3.025 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument : MSVOA_L
ClientSampleId : SV3DL

Tgt Ion: 43 Resp: 358349

Ion	Ratio	Lower	Upper
43	100		
58	26.7	20.4	30.6

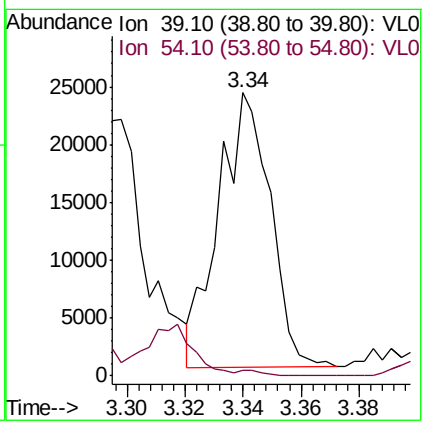


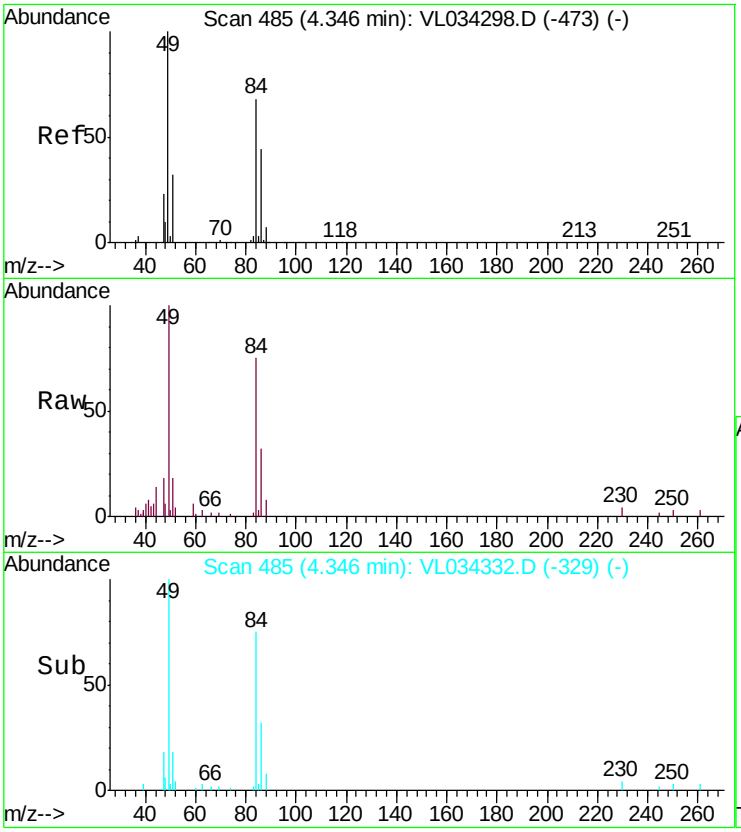


#16
1,3-Butadiene
Concen: 0.611 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.03 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 39 Resp: 29388

Ion	Ratio	Lower	Upper
39	100		
54	23.4	63.9	95.9#



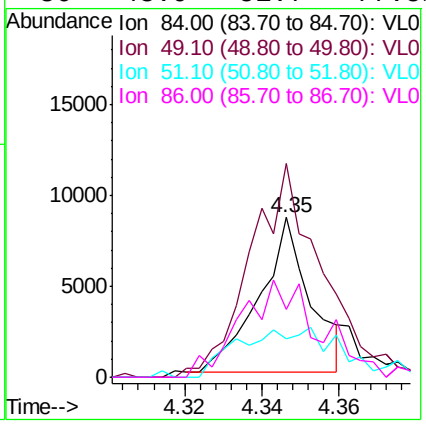


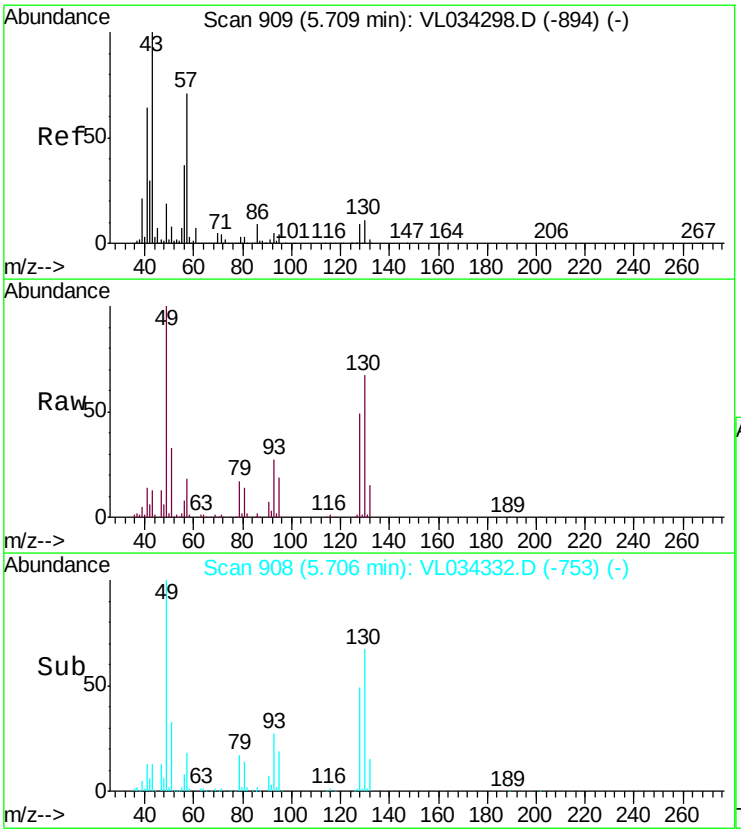
#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument : MSVOA_L
ClientSampleId : SV3DL

Tgt Ion: 84 Resp: 7695

Ion	Ratio	Lower	Upper
84	100		
49	132.9	118.5	177.7
51	24.5	38.8	58.2#
86	43.9	51.7	77.5#

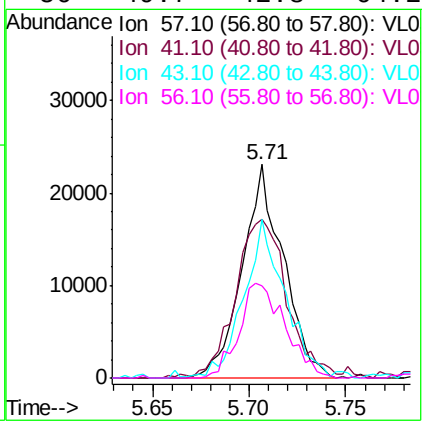


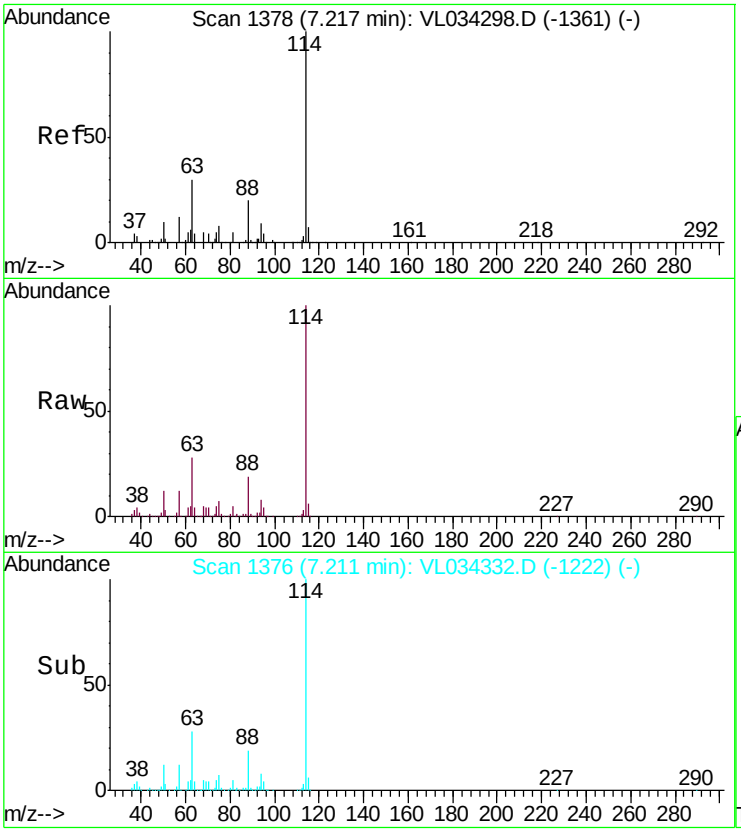


#26
Hexane
Concen: 0.402 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 57 Resp: 34261

Ion	Ratio	Lower	Upper
57	100		
41	94.2	76.5	114.7
43	76.8	188.5	282.7#
56	49.7	42.8	64.2



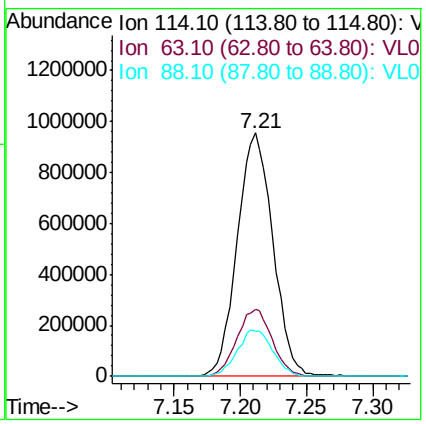


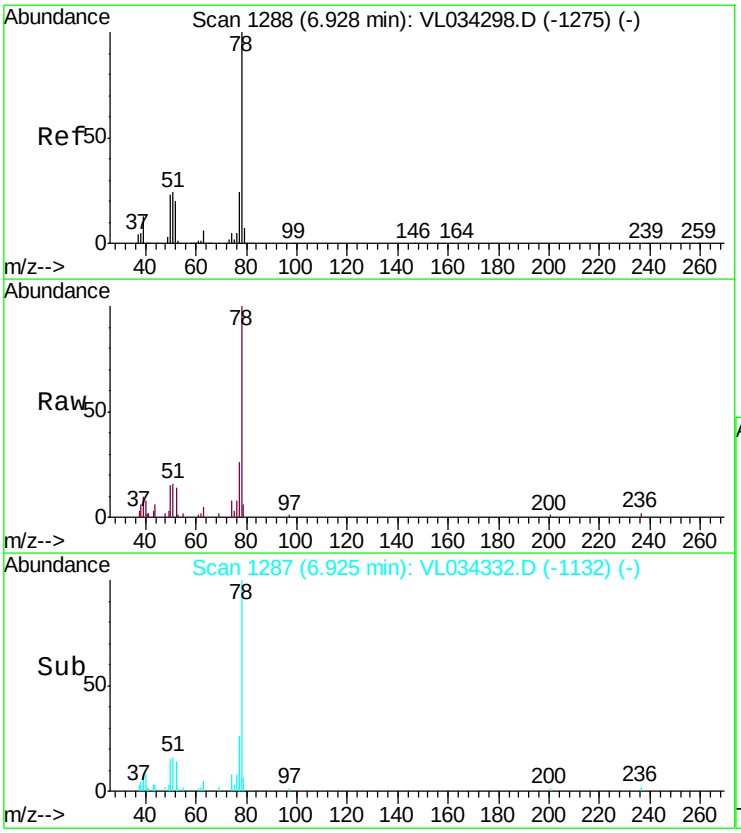
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.01 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument : MSVOA_L
ClientSampleId : SV3DL

Tgt Ion:114 Resp: 1783665

Ion	Ratio	Lower	Upper
114	100		
63	27.5	25.2	37.8
88	19.2	16.0	24.0

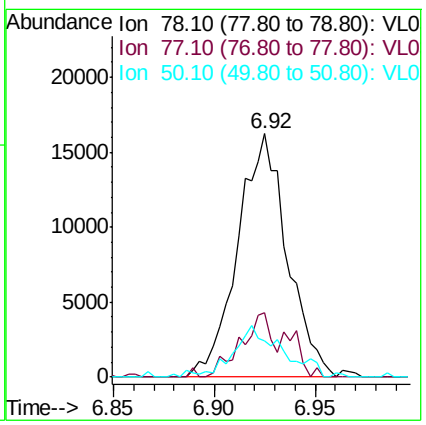


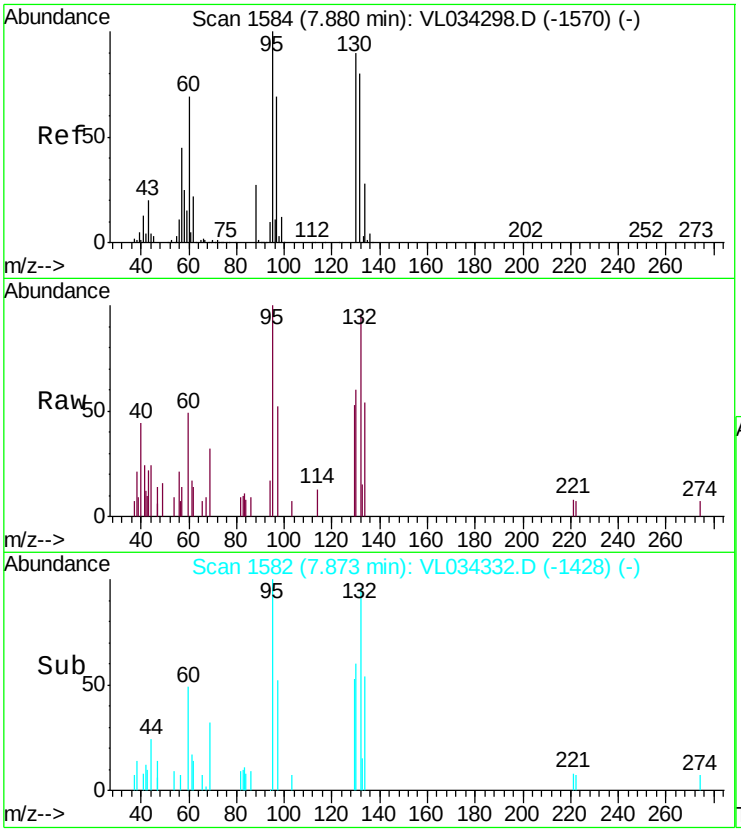


#36
Benzene
Concen: 0.163 ppbv
RT: 6.92 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 78 Resp: 27834

Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.0	28.4
50	12.5	18.6	27.8#



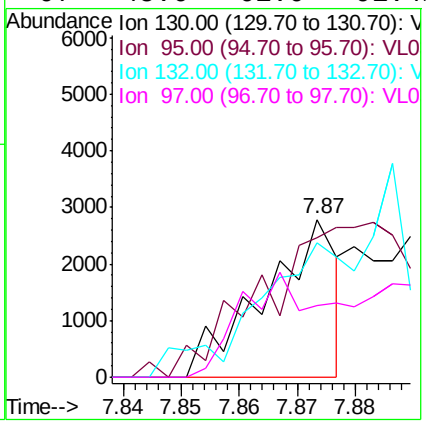


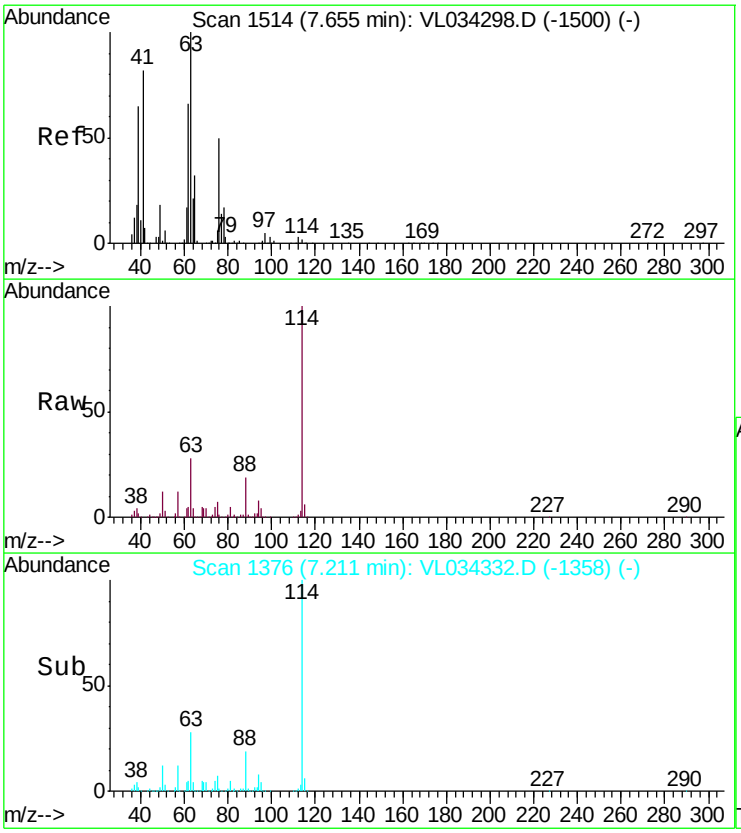
#38
Trichloroethene
Concen: 0.035 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.01 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument : MSVOA_L
ClientSampleId : SV3DL

Tgt Ion:130 Resp: 2427

Ion	Ratio	Lower	Upper
130	100		
95	68.5	88.6	132.8#
132	68.2	71.2	106.8#
97	45.6	61.0	91.4#

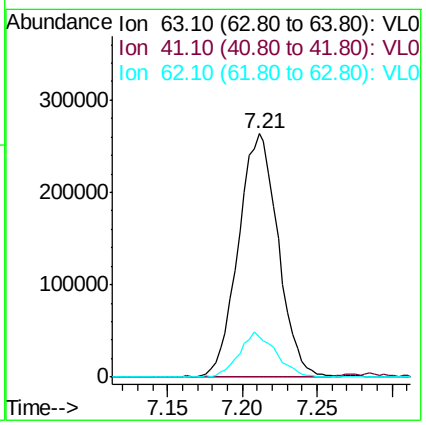


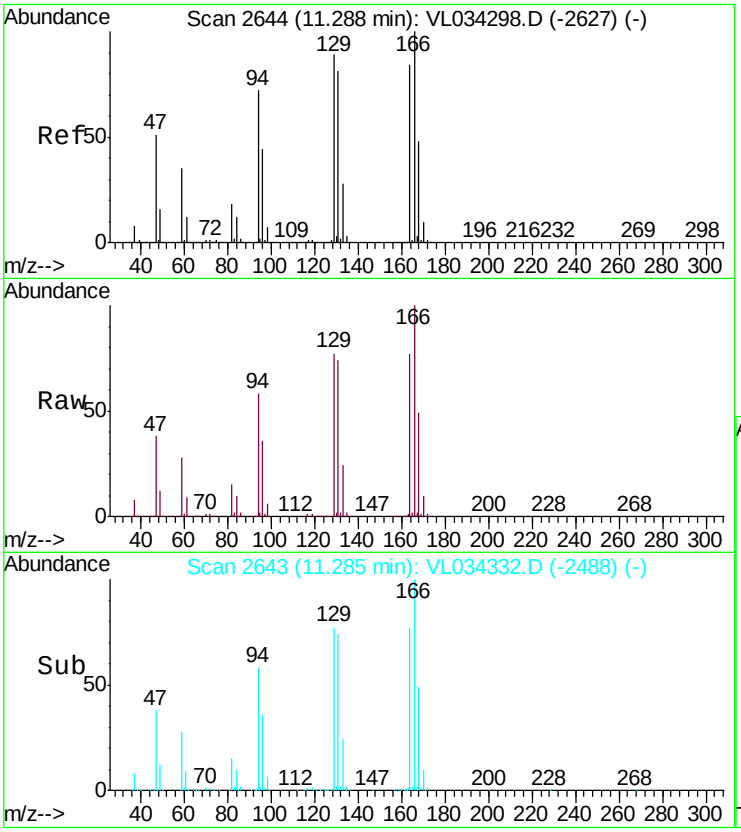


#39
1,2-Dichloropropane
Concen: 6.607 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.44 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 63 Resp: 486881

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.6	98.4#
62	16.6	53.0	79.6#



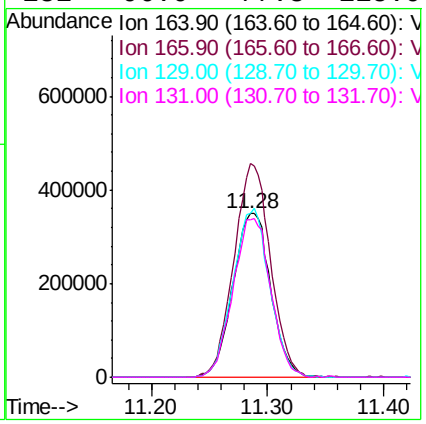


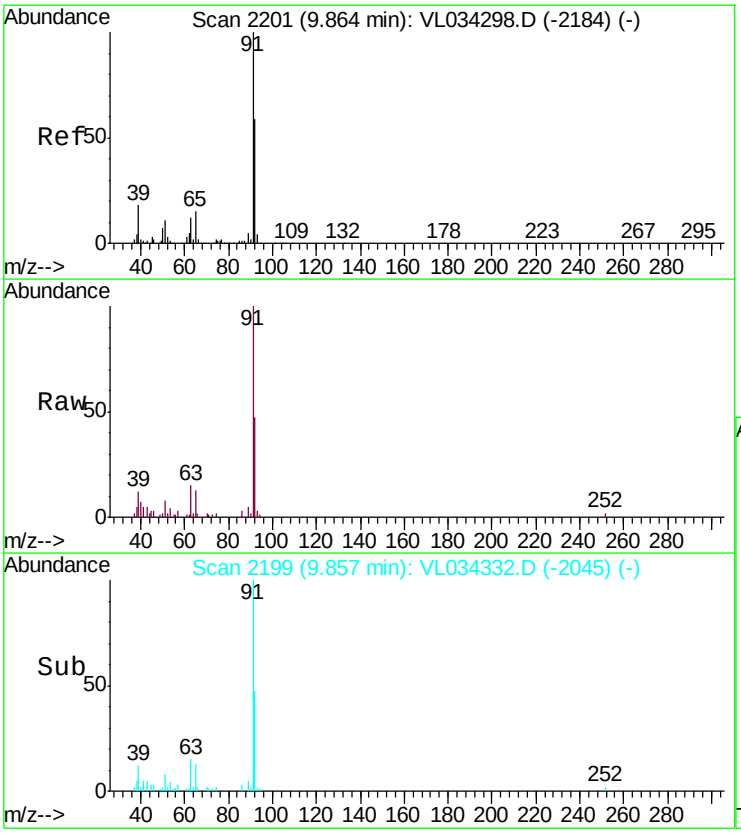
#52
Tetrachloroethene
Concen: 11.758 ppbv
RT: 11.28 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument : MSVOA_L
ClientSampleId : SV3DL

Tgt Ion:164 Resp: 788748

Ion	Ratio	Lower	Upper
164	100		
166	130.6	95.3	142.9
129	100.6	84.5	126.7
131	96.0	77.3	115.9

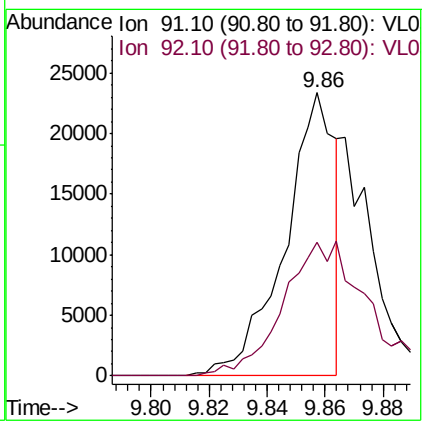


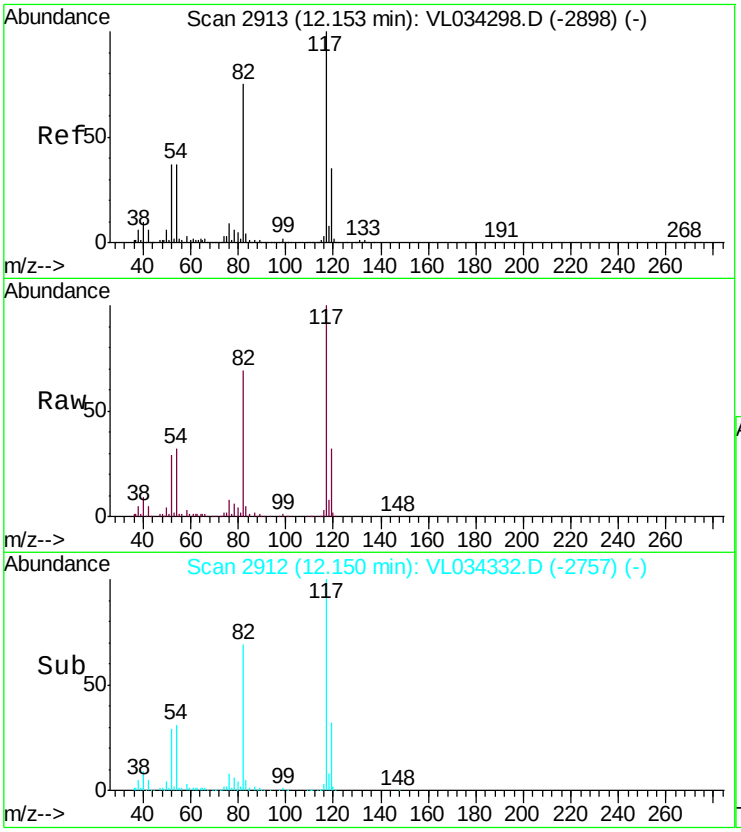


#53
Toluene
Concen: 0.148 ppbv
RT: 9.86 min Scan# 2199
Delta R.T. -0.01 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 91 Resp: 27964

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#



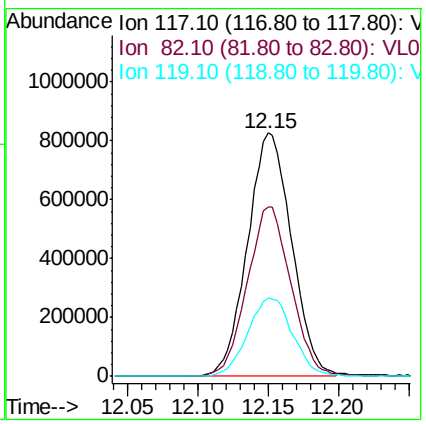


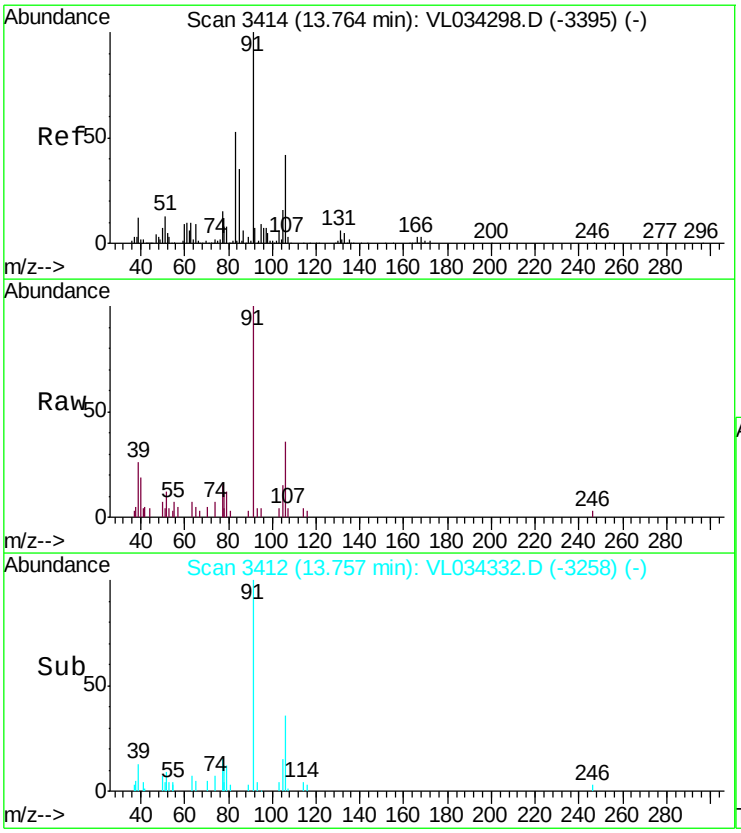
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument : MSVOA_L
ClientSampleId : SV3DL

Tgt Ion:117 Resp: 1803644

Ion	Ratio	Lower	Upper
117	100		
82	69.5	55.5	83.3
119	33.1	26.5	39.7

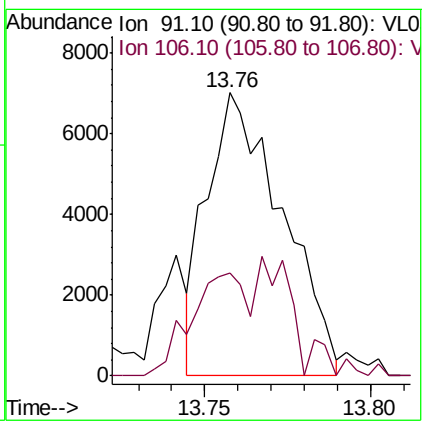


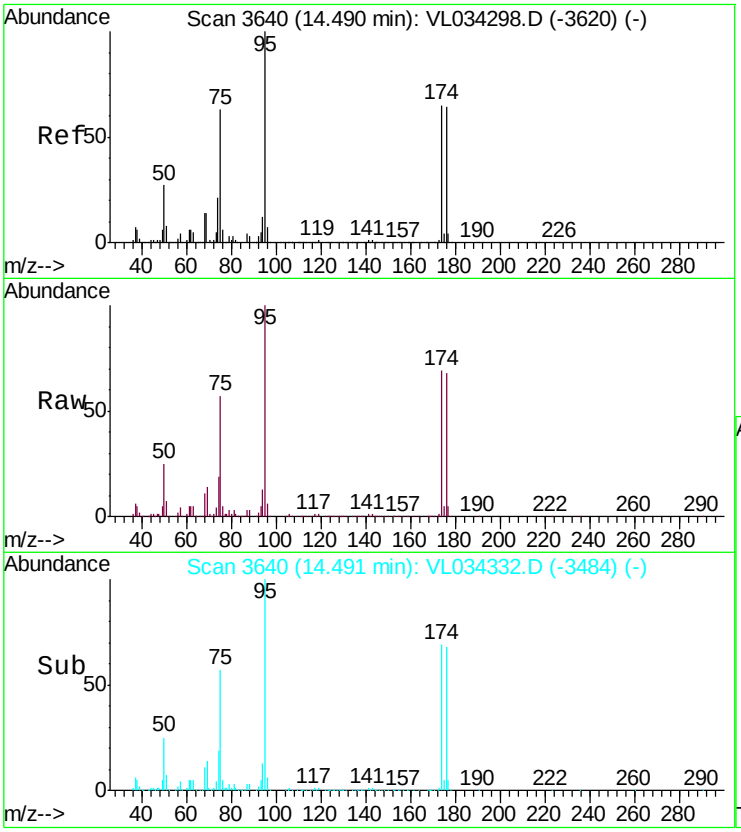


#60
o-Xylene
Concen: 0.051 ppbv
RT: 13.76 min Scan# 3412
Delta R.T. -0.01 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Tgt Ion: 91 Resp: 11118

Ion	Ratio	Lower	Upper
91	100		
106	47.4	21.6	64.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.677 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VL034332.D
Acq: 18 Oct 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion: 95 Resp: 1478182

Ion	Ratio	Lower	Upper
95	100		
174	69.8	52.6	78.8
175	5.2	3.8	5.6