Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034337.D
Acq On : 18 Oct 2019 9:58
Operator : SY/AP
Sample : K5409-01DL2 100X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Quant Time: Oct 19 00:20:16 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	5.68	49	774184	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1611590	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1661007	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1392530	9.90	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.00%			
Target Compounds						Qvalue
9) Propene	2.99	41	17854	0.444	ppbv	90
13) Ethanol	3.60	45	18698	2.076	ppbv	91
15) Acetone	3.84	43	183087	1.653	ppbv	98
20) Methylene Chloride	4.34	84	12821	0.320	ppbv #	91
25) Ethyl Acetate	5.71	43	16609	0.089	ppbv #	78
26) Hexane	5.71	57	21222	0.266	ppbv #	39
27) Carbon Disulfide	4.56	76	2679	0.032	ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	8634	0.107	ppbv #	78
38) Trichloroethene	7.86	130	1919	0.031	ppbv #	43
39) 1,2-Dichloropropane	7.20	63	446445	6.705	ppbv #	21
52) Tetrachloroethene	11.28	164	458544	7.565	ppbv	96
74) 1,2,4-Trimethylbenzene	16.84	105	13221	0.057	ppbv #	70

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

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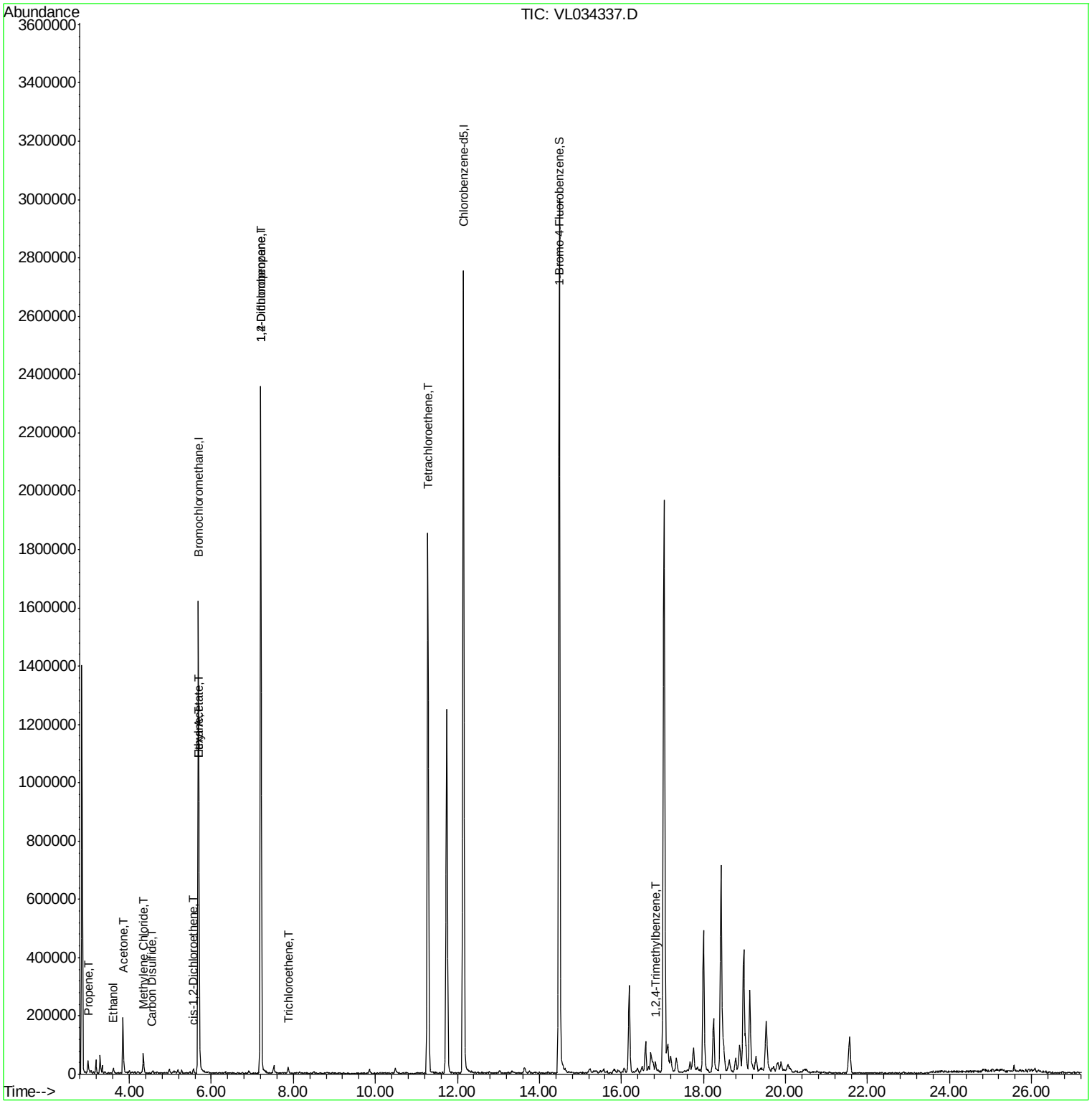
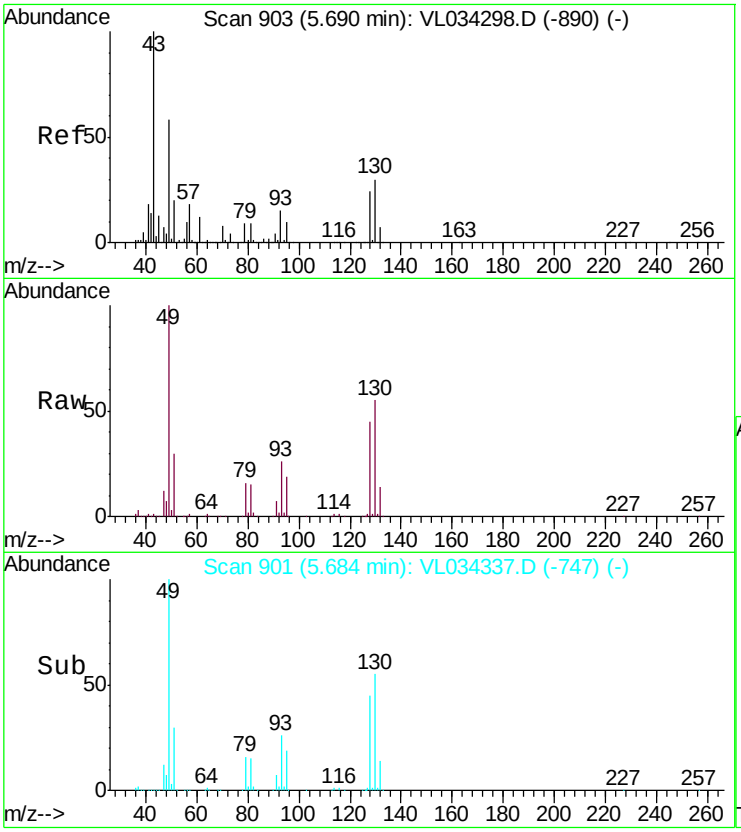


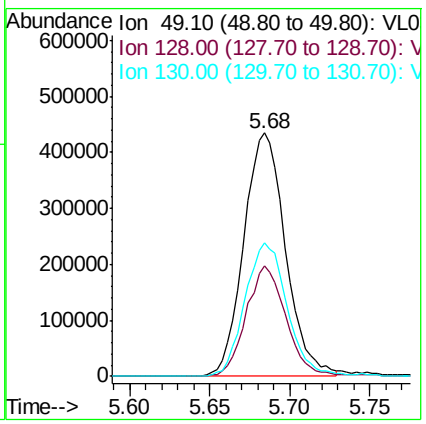


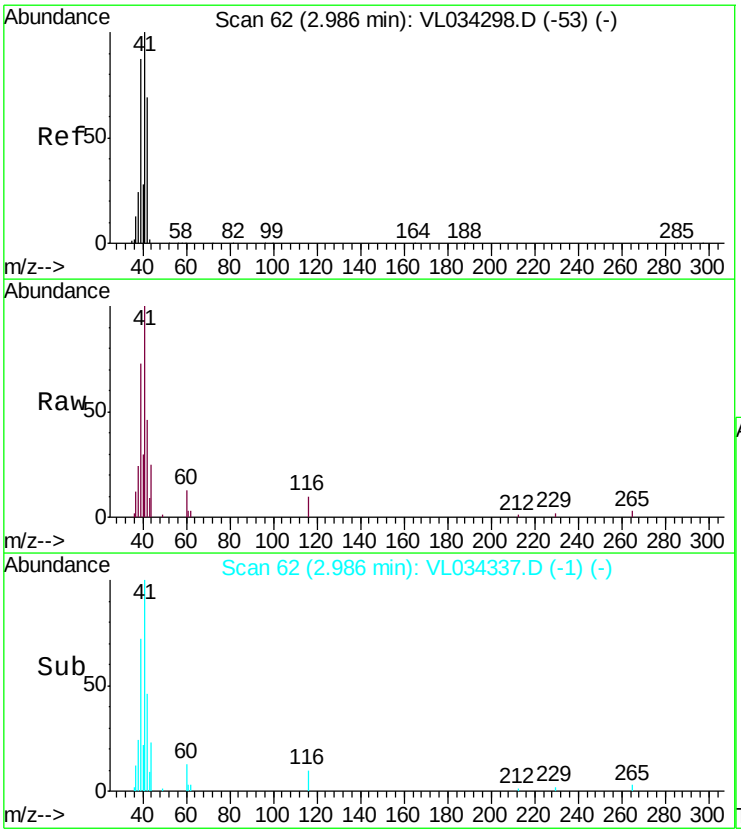
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 49 Resp: 774184

Ion	Ratio	Lower	Upper
49	100		
128	43.8	20.6	61.8
130	56.5	26.2	78.5

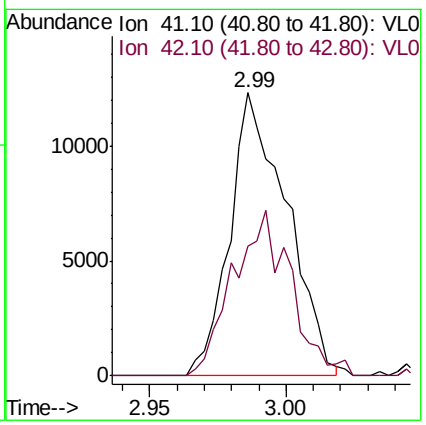


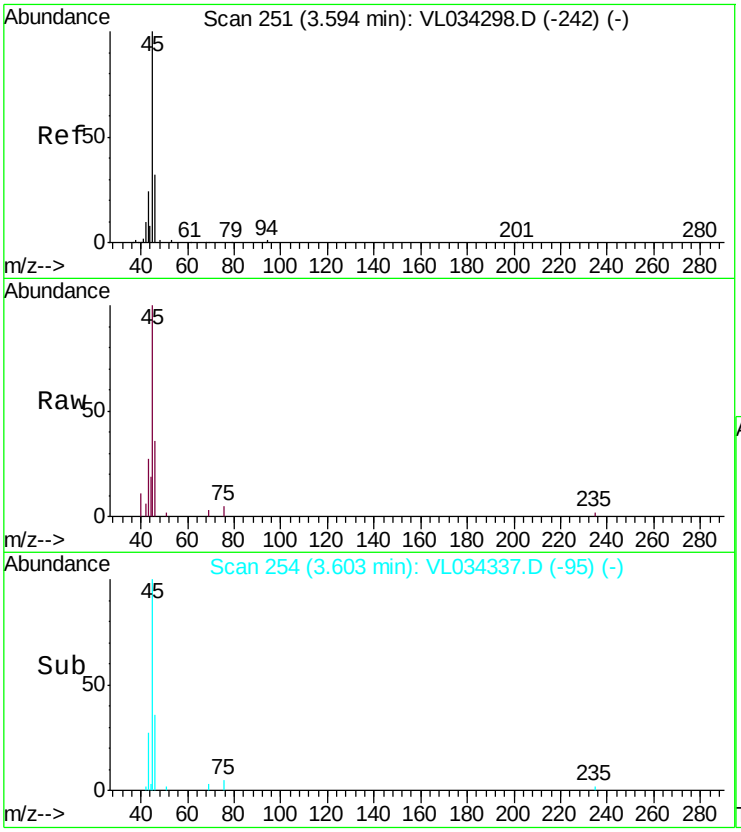


#9
Propene
Concen: 0.444 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion: 41 Resp: 17854

Ion	Ratio	Lower	Upper
41	100		
42	59.1	53.9	80.9



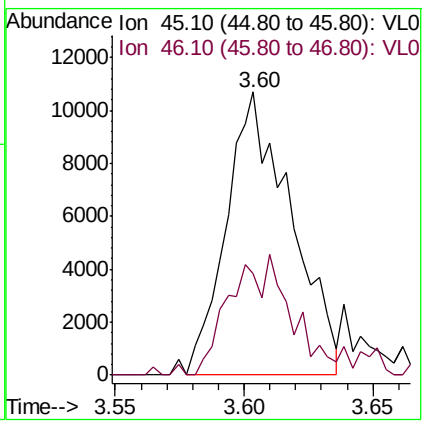


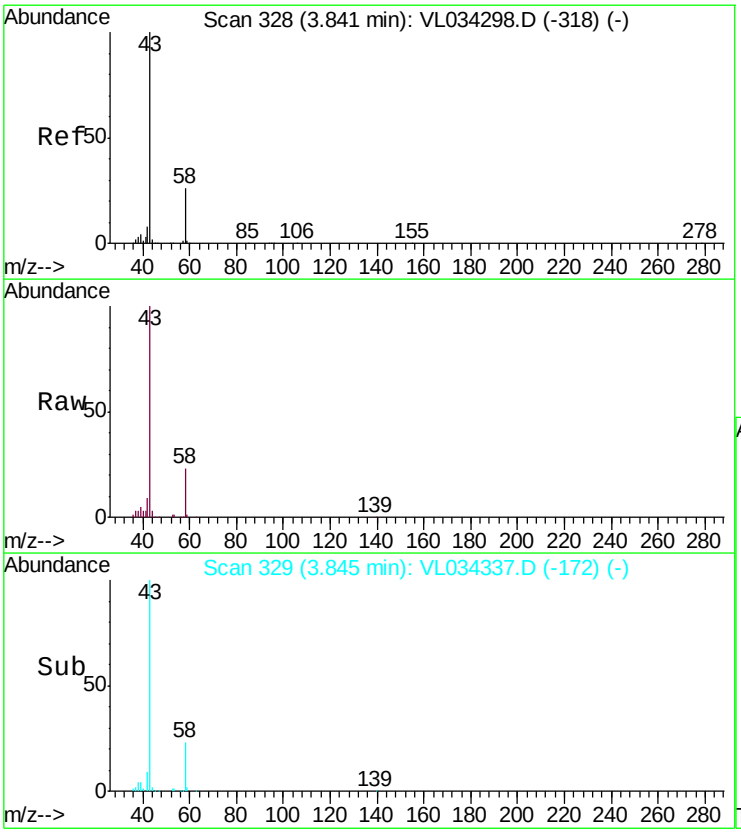
#13
Ethanol
Concen: 2.076 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 45 Resp: 18698

Ion	Ratio	Lower	Upper
45	100		
46	45.2	15.8	63.2

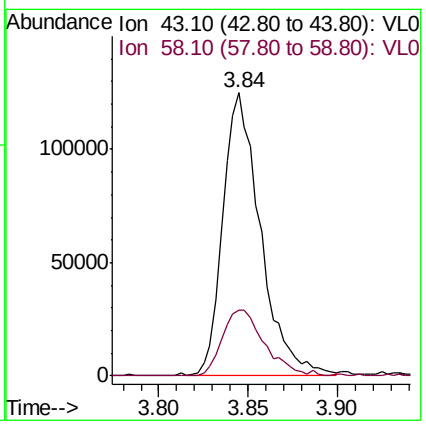


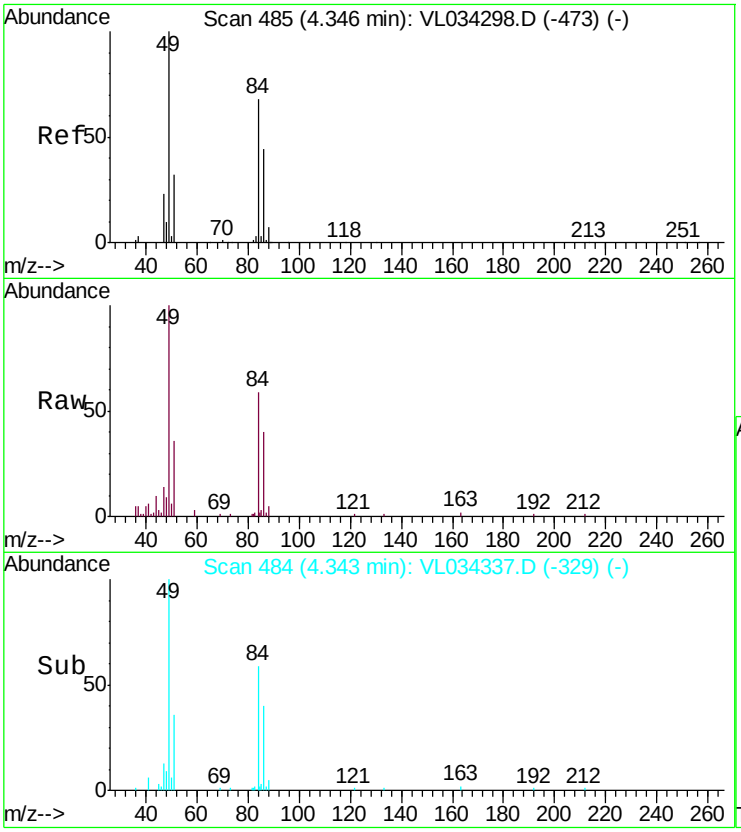


#15
Acetone
Concen: 1.653 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.00 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion: 43 Resp: 183087

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.4	30.6



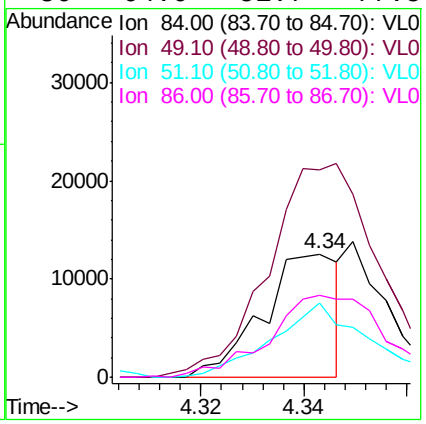


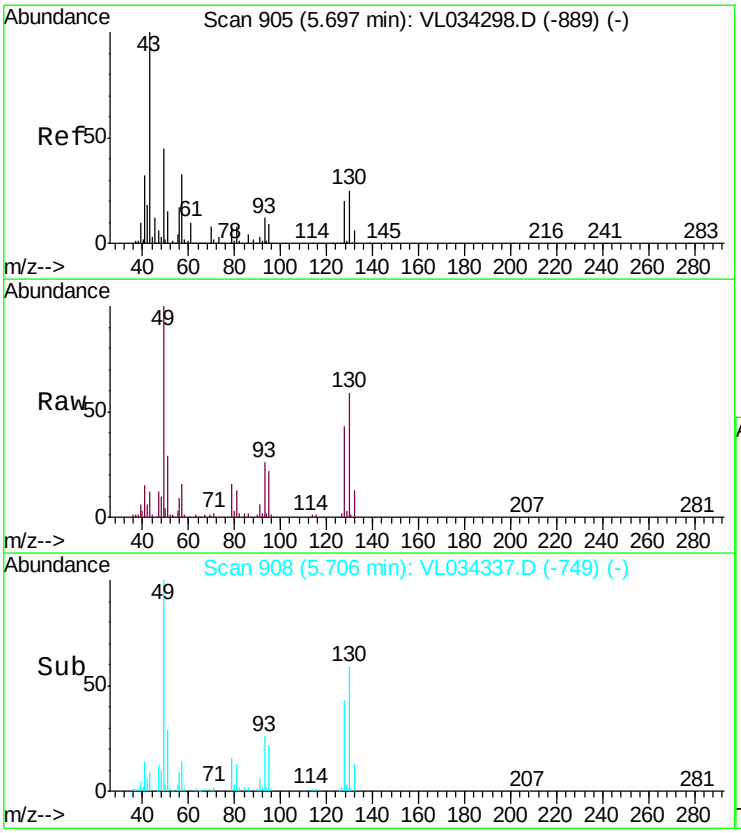
#20
Methylene Chloride
Concen: 0.320 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion: 84 Resp: 12821

Ion	Ratio	Lower	Upper
84	100		
49	162.3	118.5	177.7
51	59.2	38.8	58.2#
86	64.0	51.7	77.5

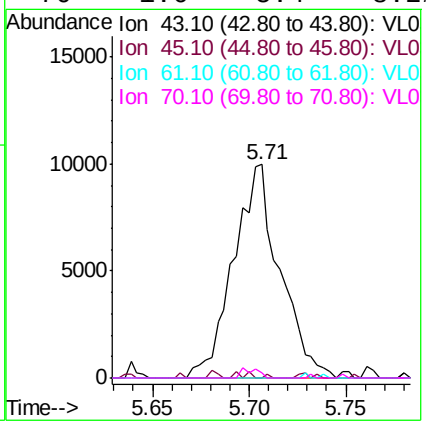


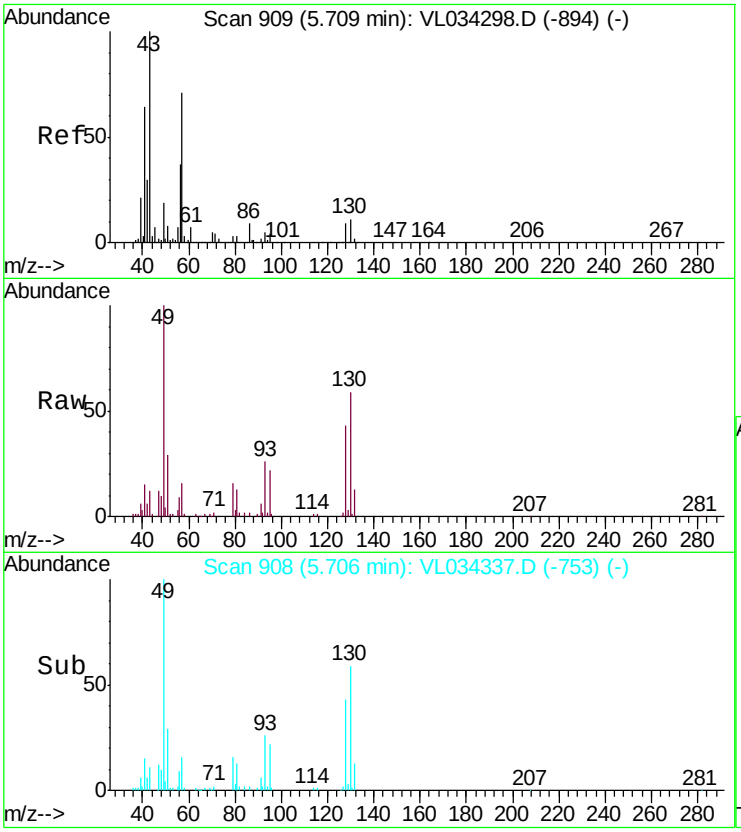


#25
Ethyl Acetate
Concen: 0.089 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion: 43 Resp: 16609

Ion	Ratio	Lower	Upper
43	100		
45	1.8	8.3	12.5#
61	0.0	7.7	11.5#
70	1.6	5.4	8.2#



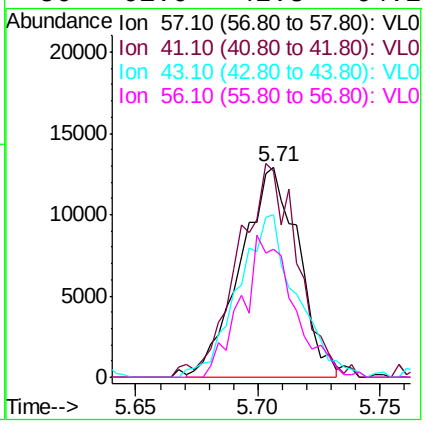


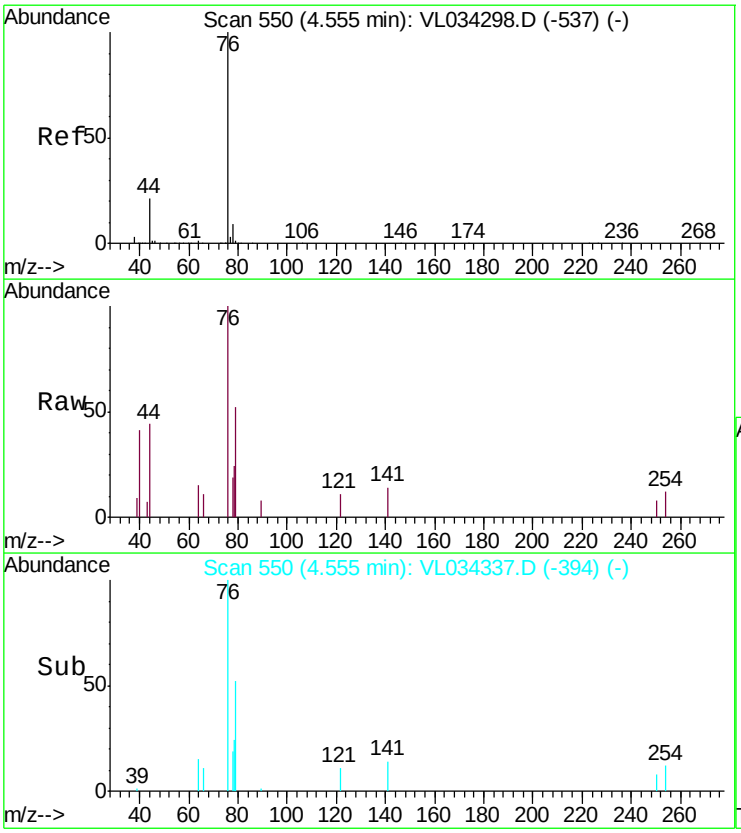
#26
Hexane
Concen: 0.266 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion: 57 Resp: 21222

Ion	Ratio	Lower	Upper
57	100		
41	104.8	76.5	114.7
43	78.8	188.5	282.7#
56	61.0	42.8	64.2

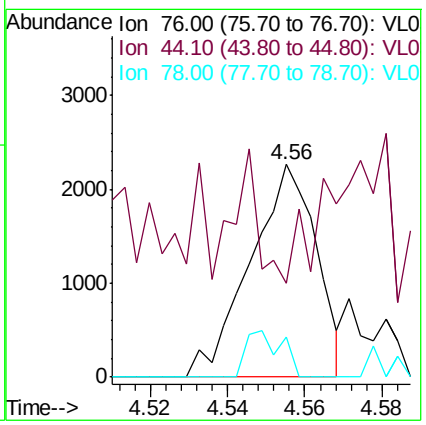


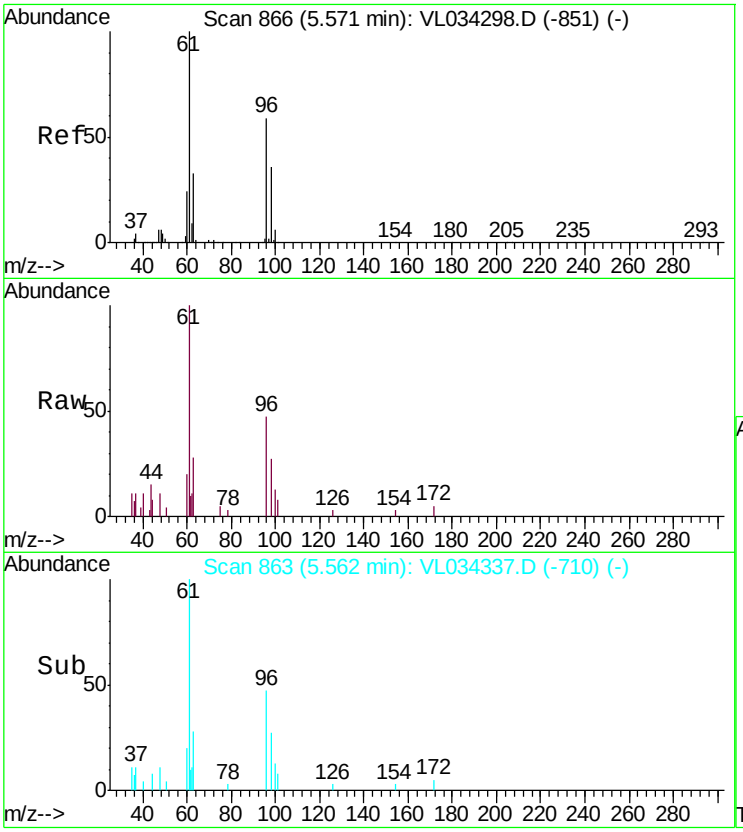


#27
Carbon Disulfide
Concen: 0.032 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion: 76 Resp: 2679

Ion	Ratio	Lower	Upper
76	100		
44	168.9	17.3	25.9#
78	11.5	7.8	11.6



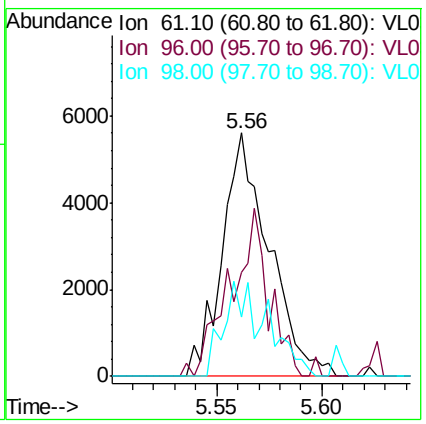


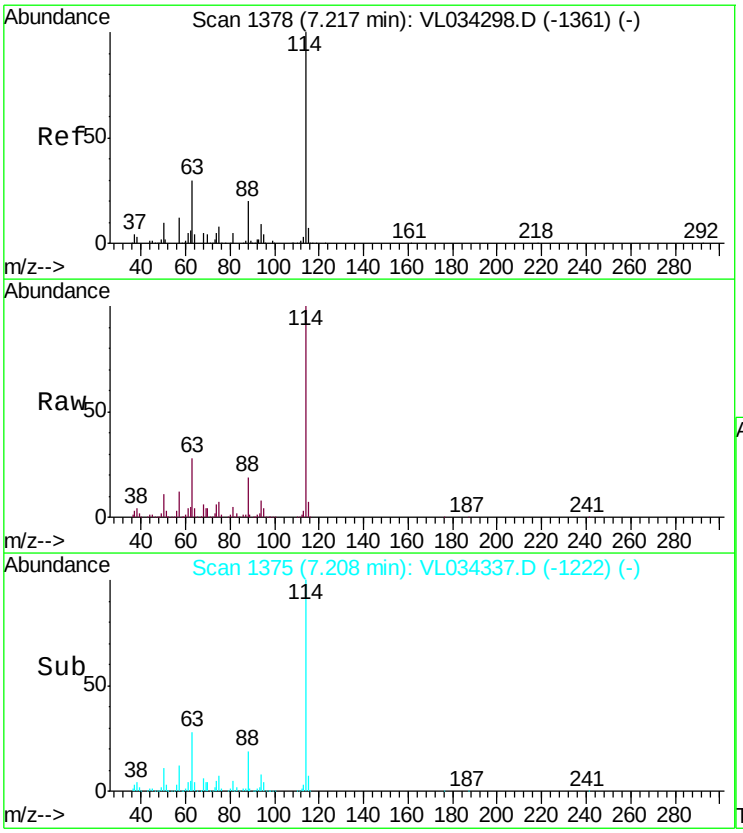
#31
cis-1,2-Dichloroethene
Concen: 0.107 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 61 Resp: 8634

Ion	Ratio	Lower	Upper
61	100		
96	42.5	47.5	71.3#
98	24.2	28.8	43.2#

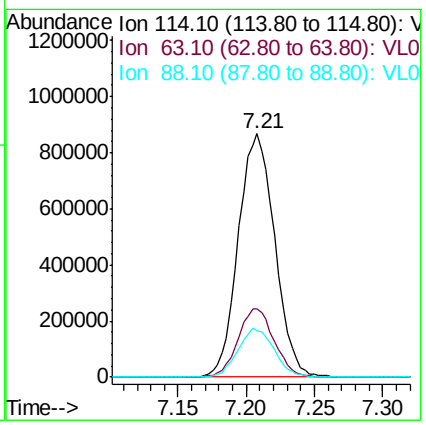


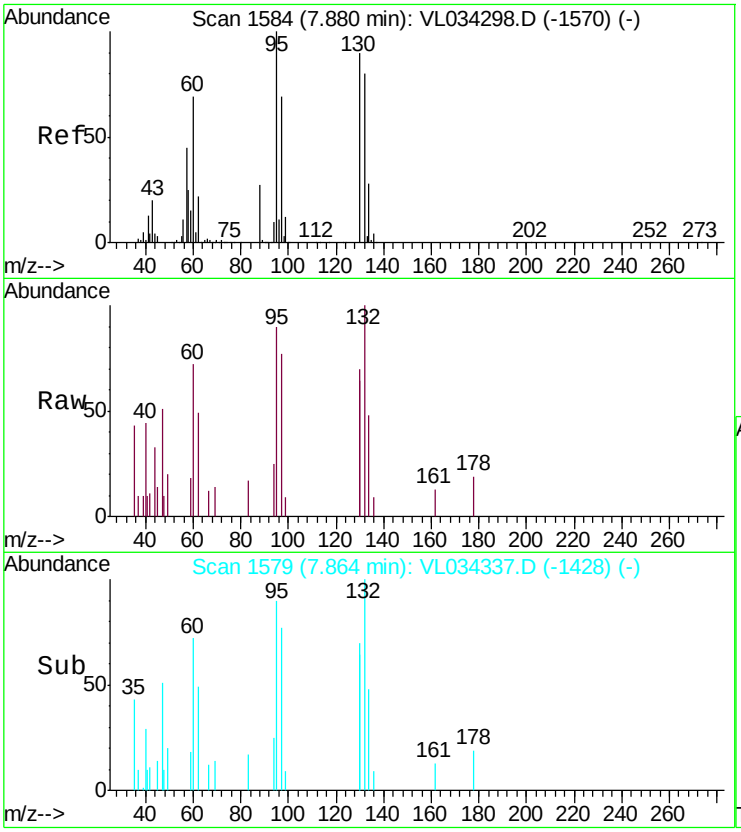


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion:114 Resp: 1611590

Ion	Ratio	Lower	Upper
114	100		
63	27.9	25.2	37.8
88	19.8	16.0	24.0



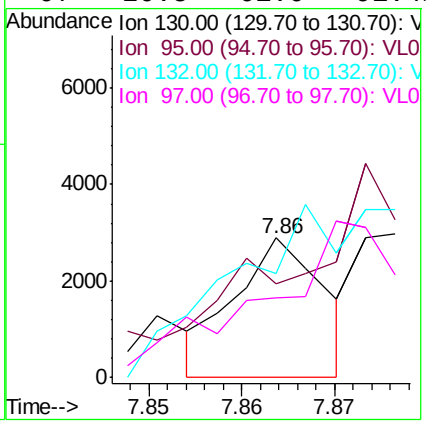


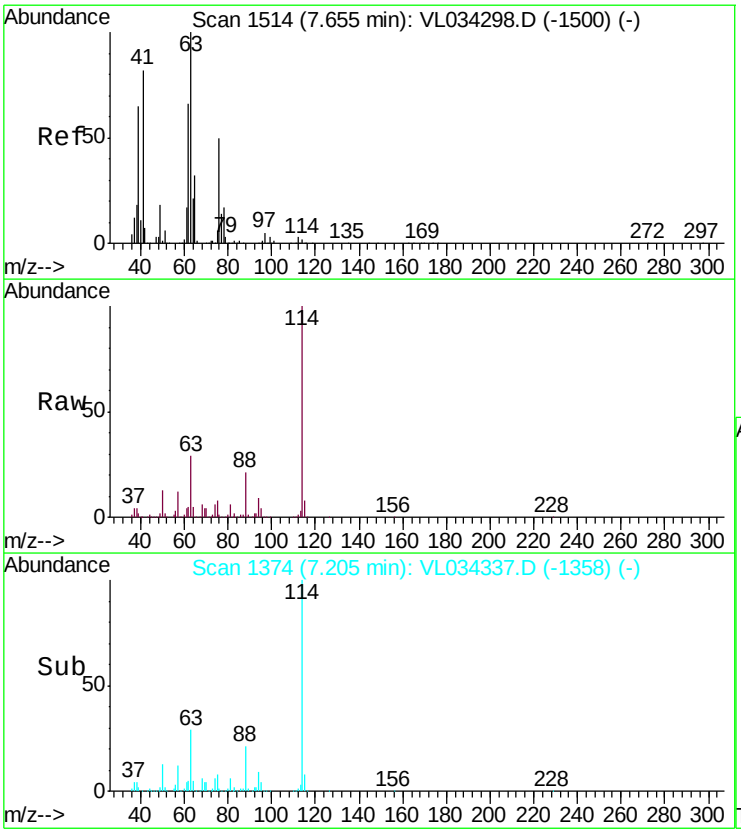
#38
Trichloroethene
Concen: 0.031 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.02 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion:130 Resp: 1919

Ion	Ratio	Lower	Upper
130	100		
95	46.6	88.6	132.8#
132	45.7	71.2	106.8#
97	20.5	61.0	91.4#

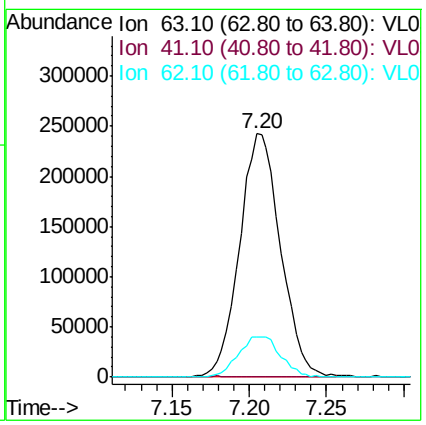


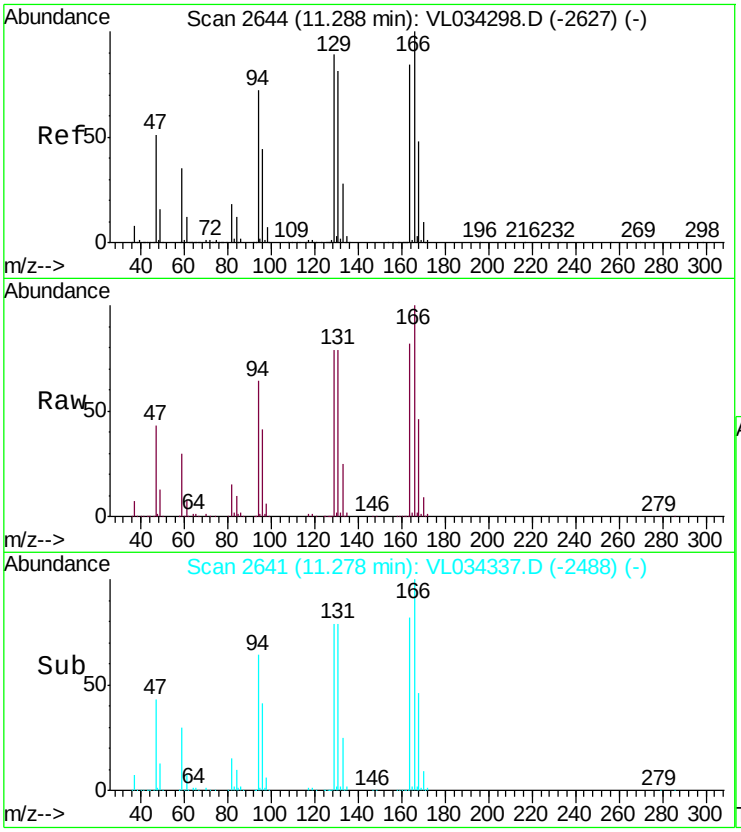


#39
1,2-Dichloropropane
Concen: 6.705 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.45 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion: 63 Resp: 446445

Ion	Ratio	Lower	Upper
63	100		
41	0.1	65.6	98.4#
62	16.6	53.0	79.6#



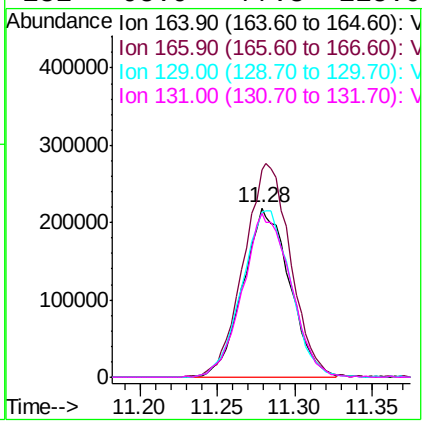


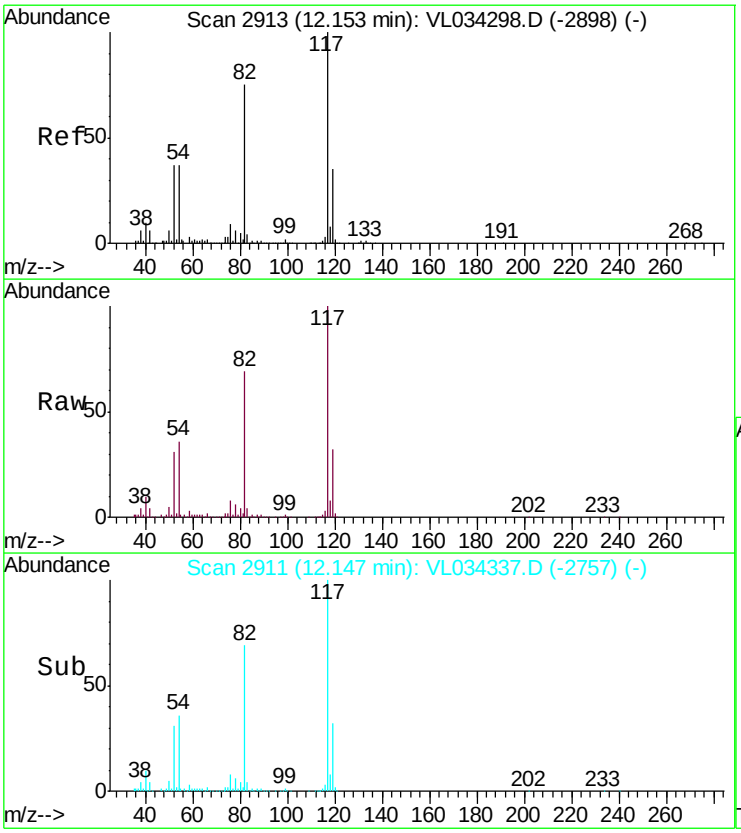
#52
Tetrachloroethene
Concen: 7.565 ppbv
RT: 11.28 min Scan# 2641
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion:164 Resp: 458544

Ion	Ratio	Lower	Upper
164	100		
166	122.2	95.3	142.9
129	97.0	84.5	126.7
131	95.9	77.3	115.9

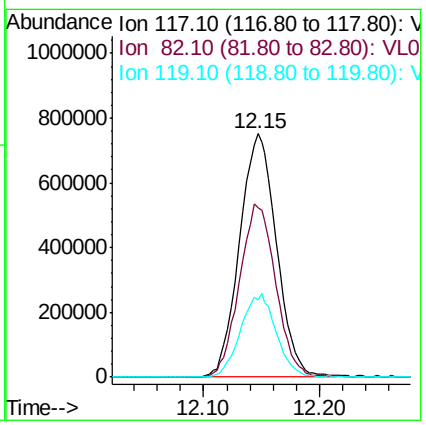


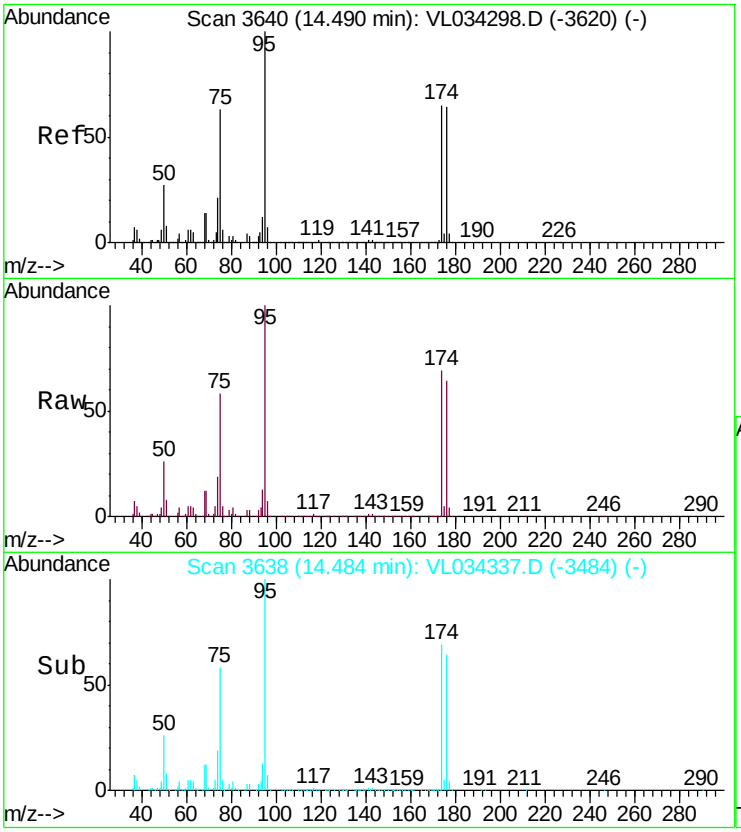


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion:117 Resp: 1661007

Ion	Ratio	Lower	Upper
117	100		
82	70.3	55.5	83.3
119	33.5	26.5	39.7



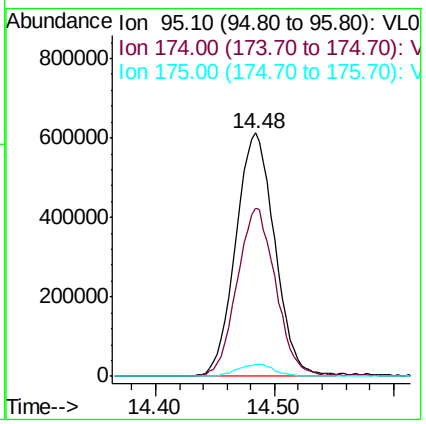


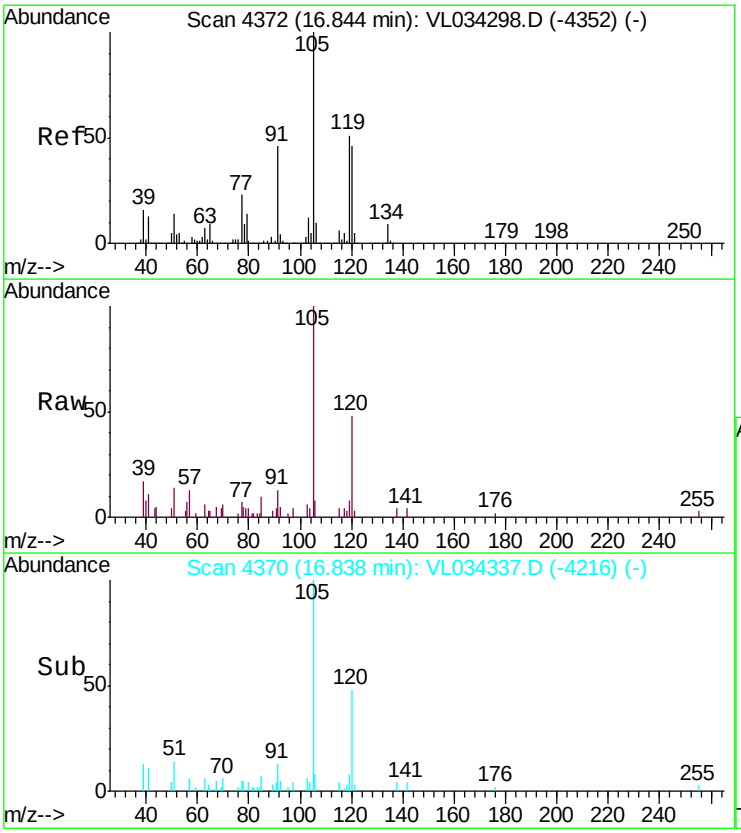
#68
1-Bromo-4-Fluorobenzene
Concen: 9.899 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 95 Resp: 1392530

Ion	Ratio	Lower	Upper
95	100		
174	68.8	52.6	78.8
175	4.8	3.8	5.6





#74
1,2,4-Trimethylbenzene
Concen: 0.057 ppbv
RT: 16.84 min Scan# 4370
Delta R.T. -0.01 min
Lab File: VL034337.D
Acq: 18 Oct 2019 9:58

Tgt Ion:105 Resp: 13221

Ion	Ratio	Lower	Upper
105	100		
120	41.2	37.0	55.6
91	13.8	38.2	57.2#
77	7.7	19.0	28.4#