Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

Quantitation Report (Not Reviewed)

Data File : VL034156.D
Acq On : 10 Sep 2019 23:41
Operator : SY/AP
Sample : K4775-03DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV3DL2

Quant Time: Sep 11 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.70	49	659601	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.22	114	1218822	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.17	117	1202934	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.50	95	1031803	10.49	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%				
Target Compounds							Qvalue
9) Propene	3.00	41	21961	0.534	ppbv		94
10) Heptane	8.17	43	8277	0.078	ppbv		92
13) Ethanol	3.61	45	3892	0.483	ppbv	#	7
15) Acetone	3.85	43	620322	7.803	ppbv		99
16) 1,3-Butadiene	3.30	39	33032	0.820	ppbv	#	19
19) Isopropyl Alcohol	3.99	45	8522	0.159	ppbv	#	97
20) Methylene Chloride	4.36	84	8927	0.340	ppbv		93
26) Hexane	5.72	57	19036	0.245	ppbv	#	41
32) 1,1,1-Trichloroethane	6.55	97	19530	0.198	ppbv		96
34) 2-Butanone	5.28	43	56715	0.484	ppbv		99
39) 1,2-Dichloropropane	7.22	63	368812	6.186	ppbv	#	26
52) Tetrachloroethene	11.30	164	60148	1.224	ppbv		92
53) Toluene	9.86	91	5860	0.038	ppbv	#	20

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

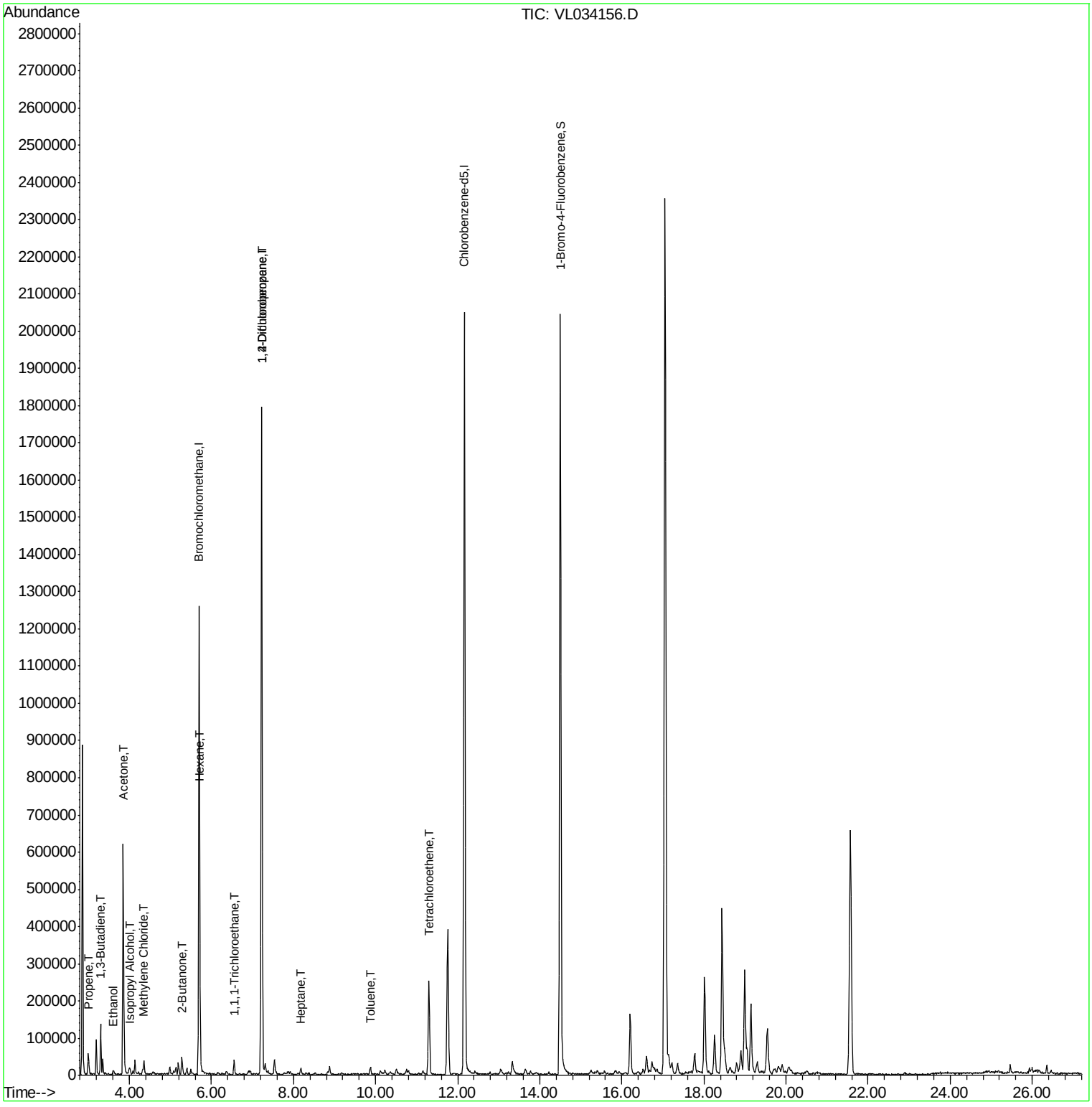
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

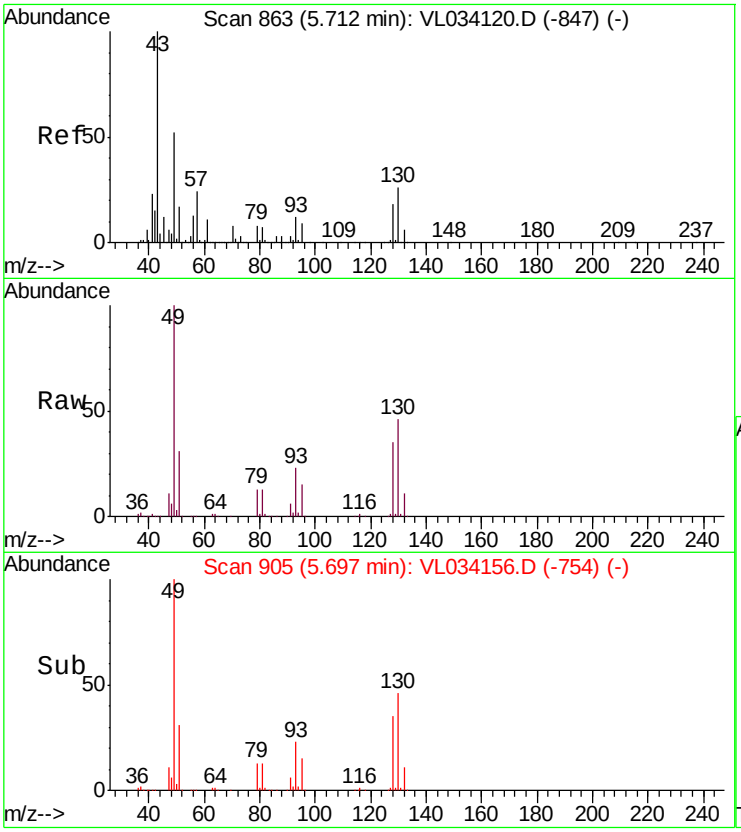
Quantitation Report (Not Reviewed)

Data File : VL034156.D
Acq On : 10 Sep 2019 23:41
Operator : SY/AP
Sample : K4775-03DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV3DL2

Quant Time: Sep 11 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration



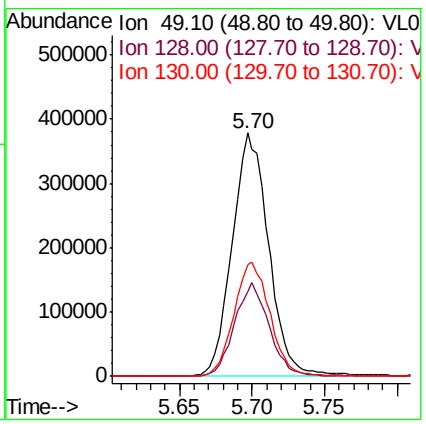


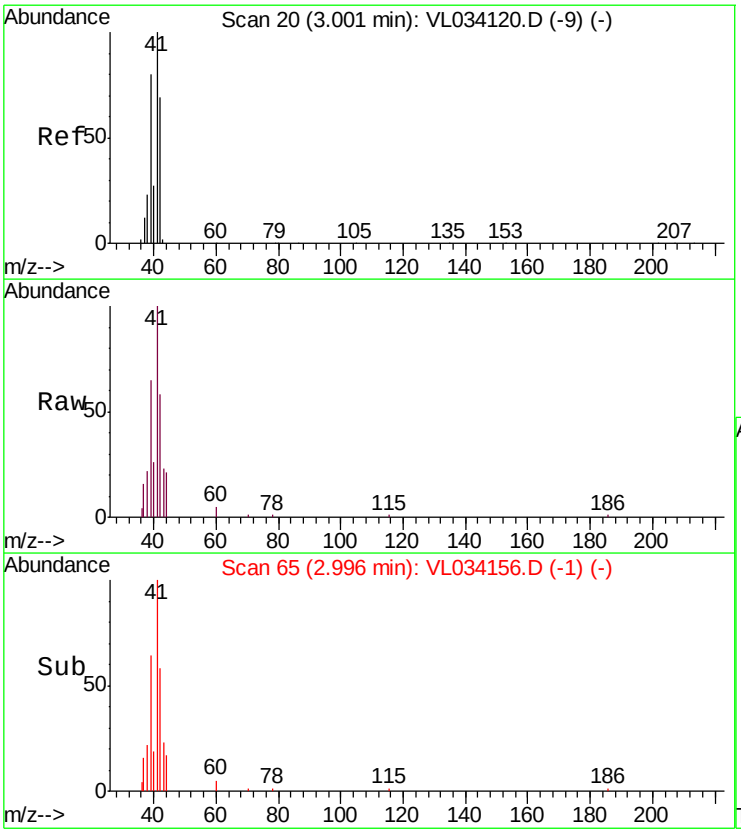
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion: 49 Resp: 659601

Ion	Ratio	Lower	Upper
49	100		
128	37.1	18.4	55.0
130	47.0	23.5	70.6

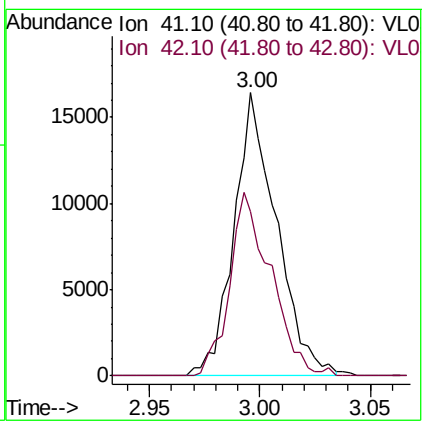


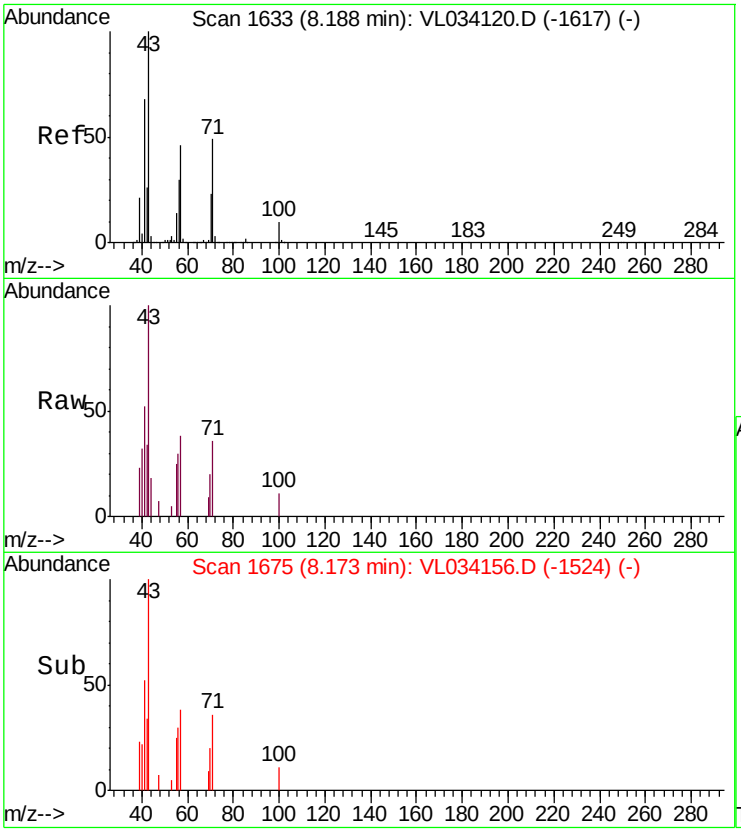


#9
Propene
Concen: 0.534 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion: 41 Resp: 21961

Ion	Ratio	Lower	Upper
41	100		
42	63.0	54.6	81.8



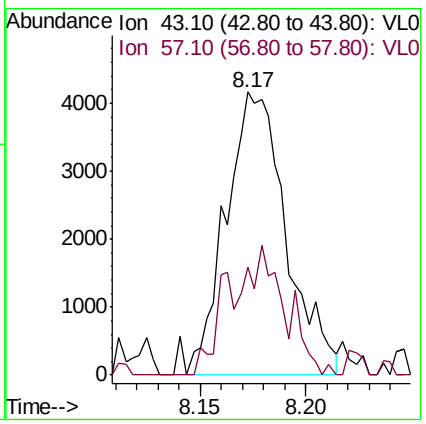


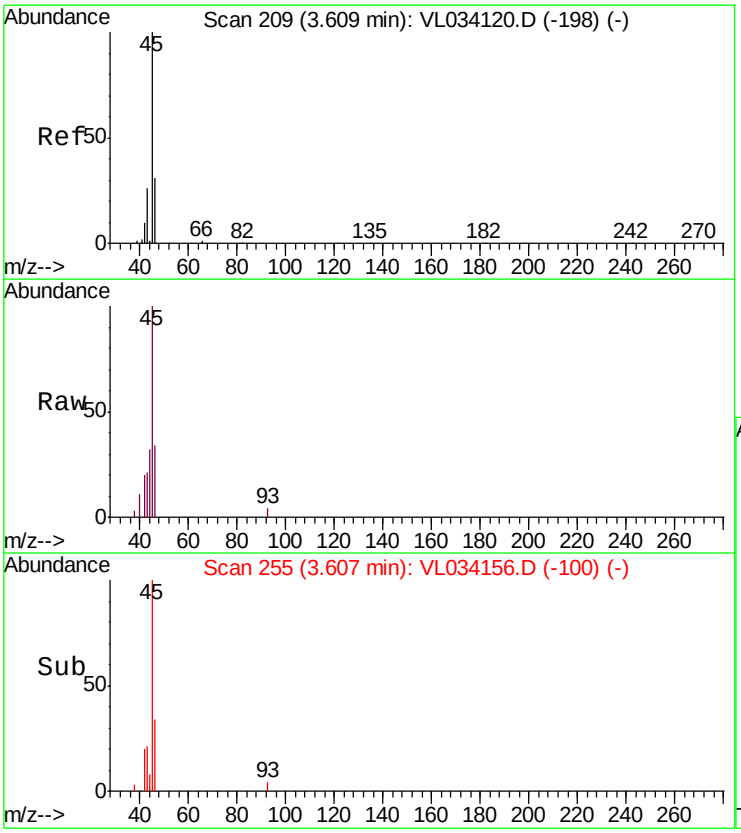
#10
Heptane
Concen: 0.078 ppbv
RT: 8.17 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion: 43 Resp: 8277

Ion	Ratio	Lower	Upper
43	100		
57	42.0	38.1	57.1

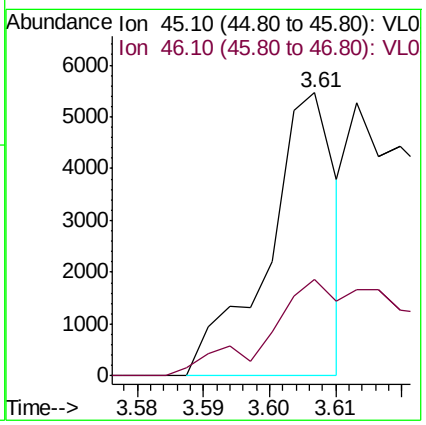


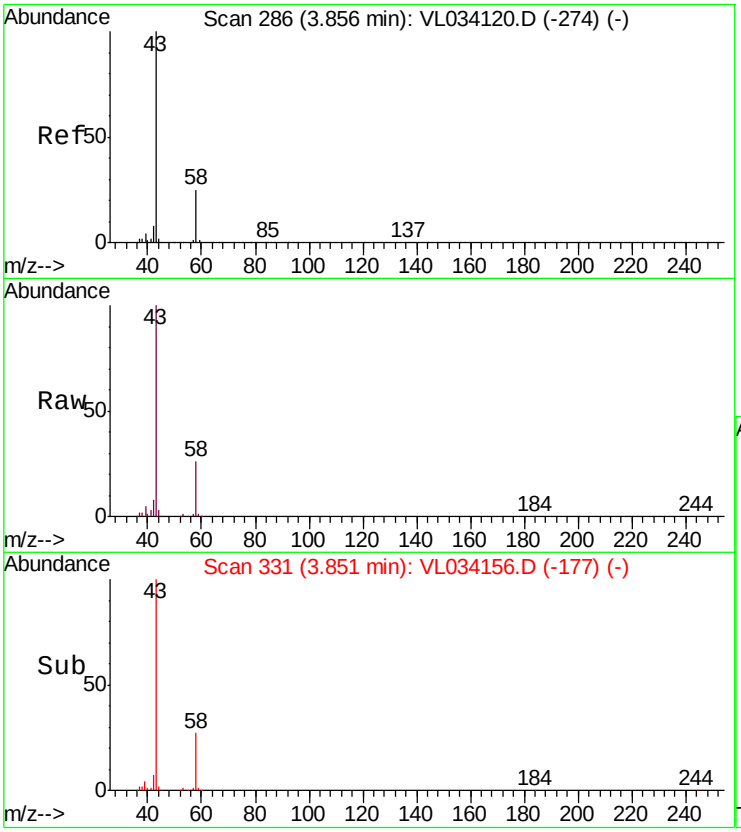


#13
Ethanol
Concen: 0.483 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion: 45 Resp: 3892

Ion	Ratio	Lower	Upper
45	100		
46	93.4	15.0	60.0#



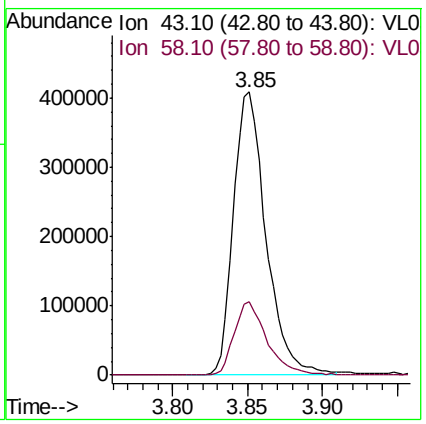


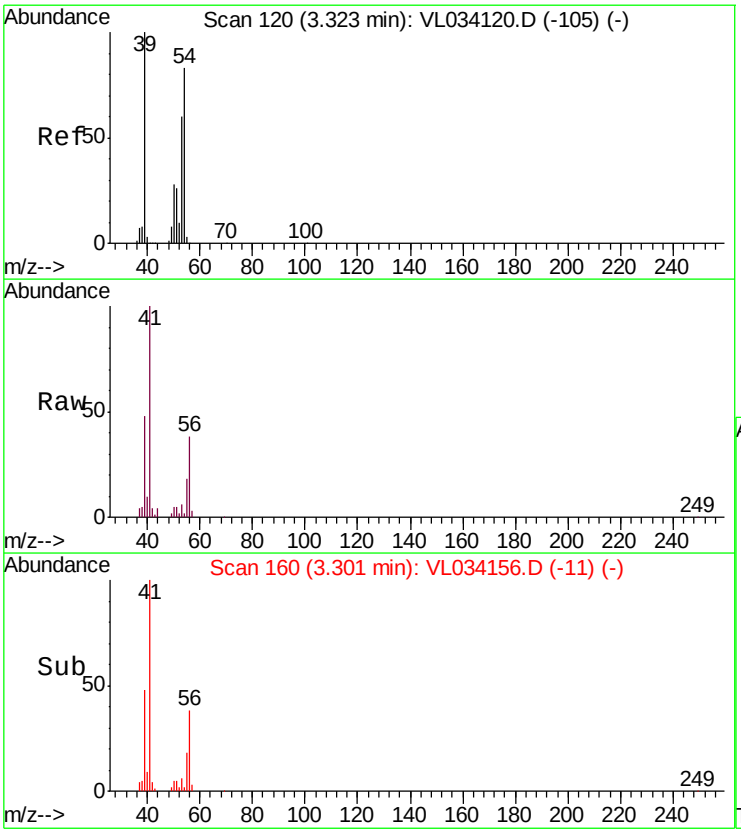
#15
Acetone
Concen: 7.803 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion: 43 Resp: 620322

Ion	Ratio	Lower	Upper
43	100		
58	26.2	20.6	30.8

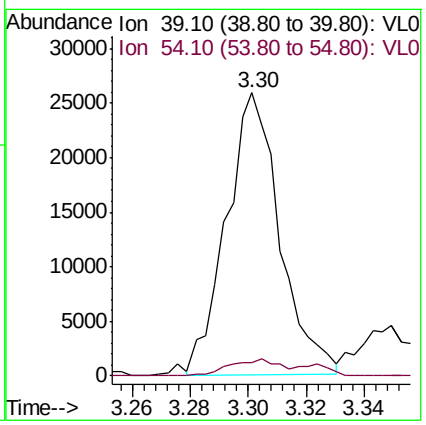


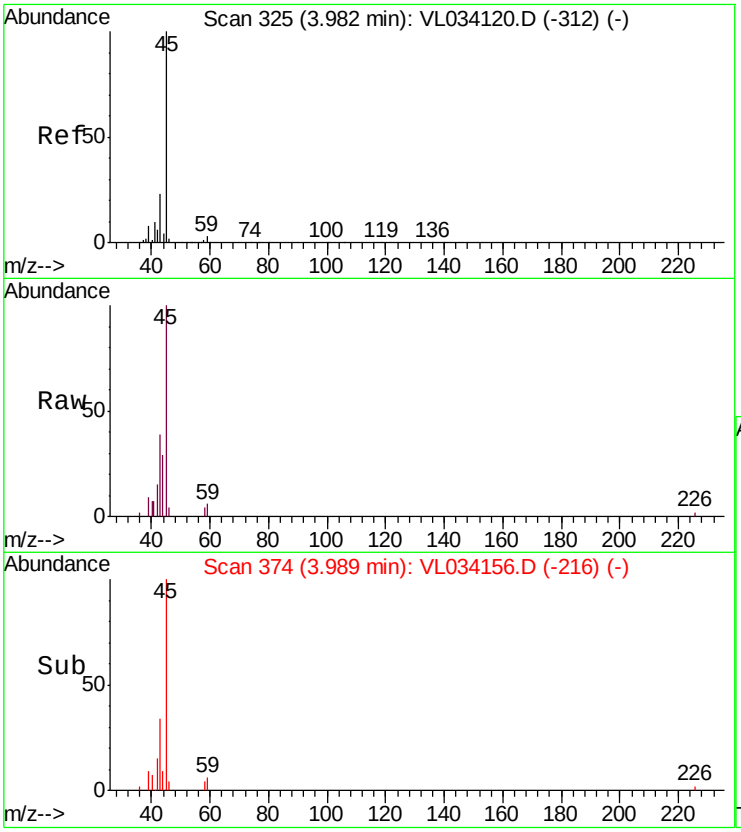


#16
1,3-Butadiene
Concen: 0.820 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.02 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion: 39 Resp: 33032

Ion	Ratio	Lower	Upper
39	100		
54	7.9	63.5	95.3#



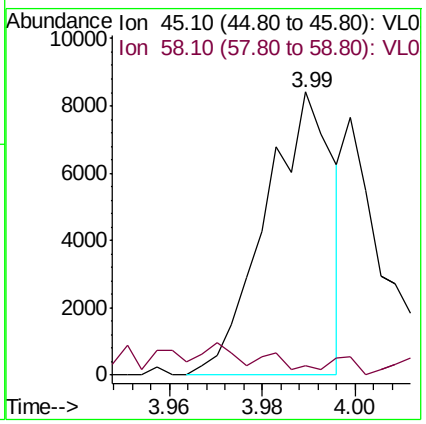


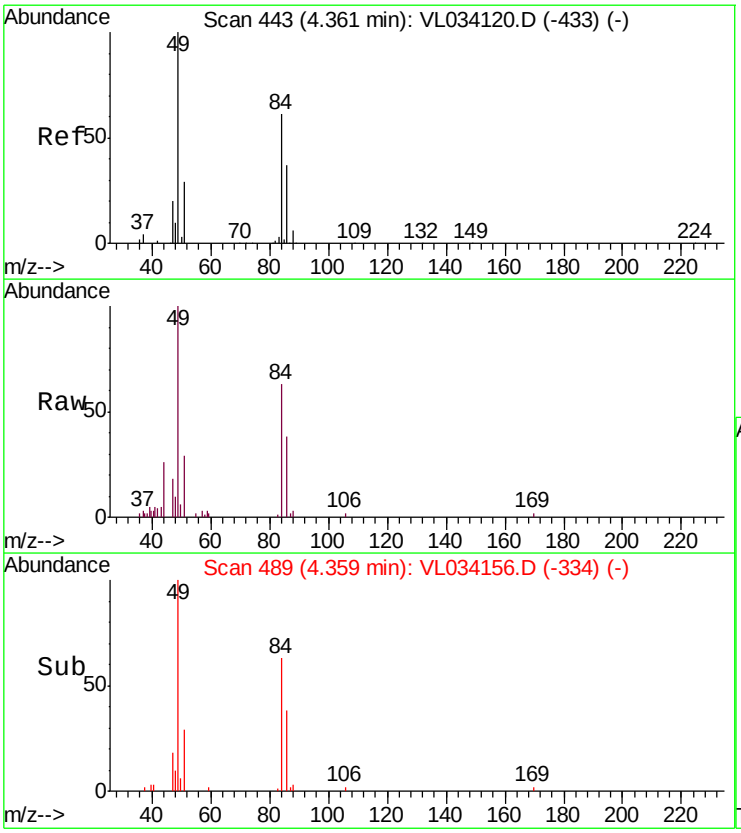
#19
Isopropyl Alcohol
Concen: 0.159 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument : MSVOA_L
ClientSampleId : SV3DL2

Tgt Ion: 45 Resp: 8522

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.0	1.6#

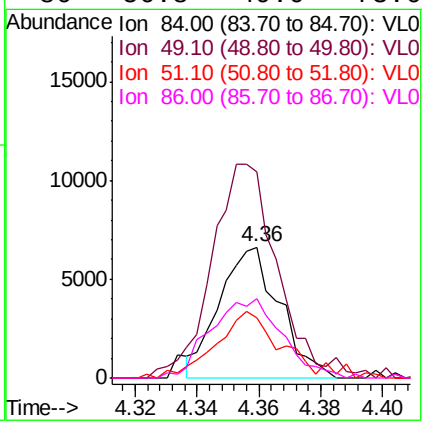


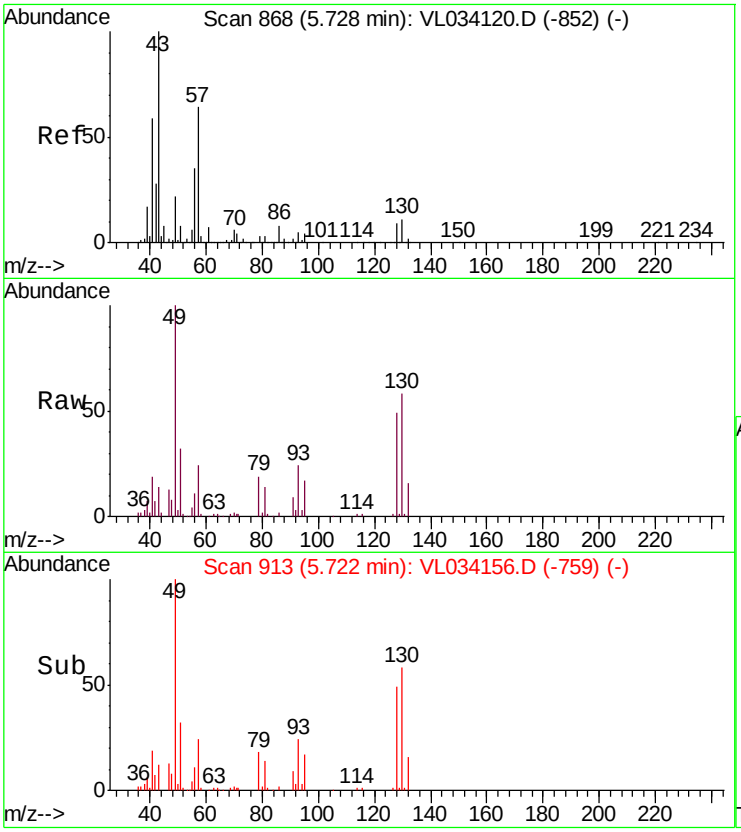


#20
Methylene Chloride
Concen: 0.340 ppbv
RT: 4.36 min Scan# 489
Delta R.T. -0.00 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion: 84 Resp: 8927

Ion	Ratio	Lower	Upper
84	100		
49	152.3	131.0	196.6
51	43.7	38.1	57.1
86	56.8	49.0	73.6



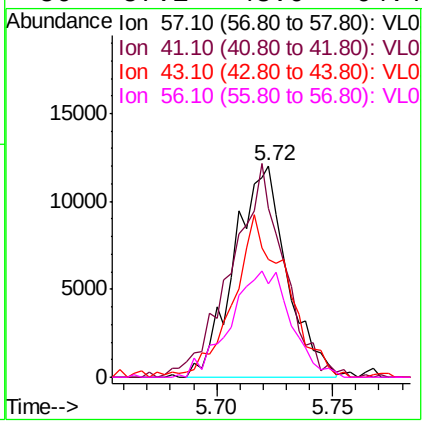


#26
Hexane
Concen: 0.245 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument : MSVOA_L
ClientSampleId : SV3DL2

Tgt Ion: 57 Resp: 19036

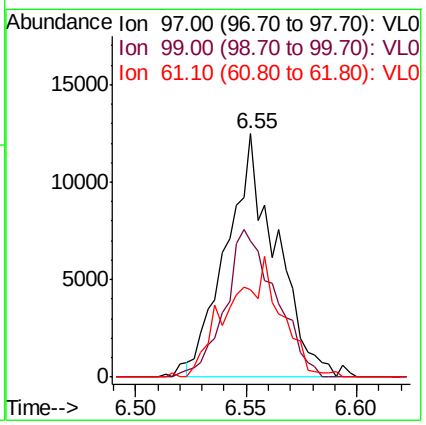
Ion	Ratio	Lower	Upper
57	100		
41	101.4	76.6	115.0
43	79.3	189.2	283.8#
56	57.1	43.0	64.4

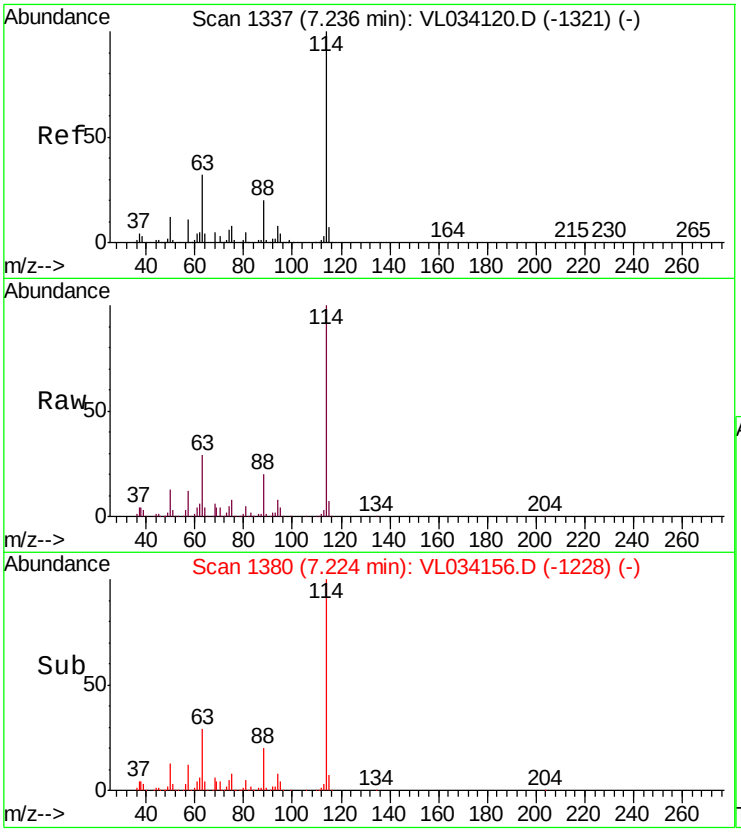


#32
1,1,1-Trichloroethane
Concen: 0.198 ppbv
RT: 6.55 min Scan# 1171
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion: 97 Resp: 19530

Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.7	77.5
61	52.0	44.0	66.0



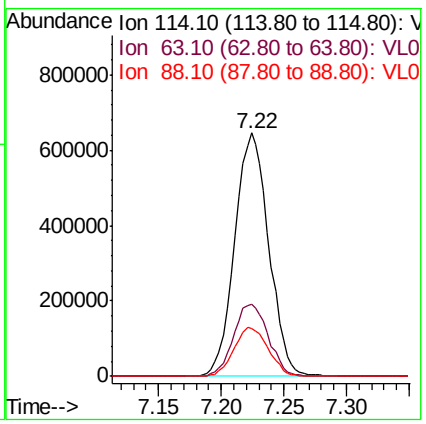


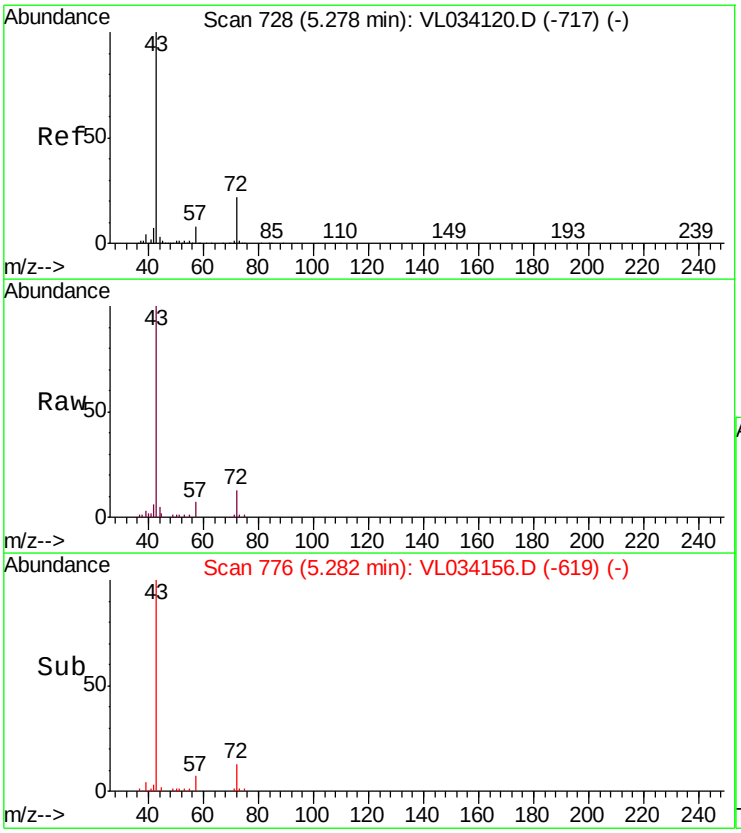
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion:114 Resp: 1218822

Ion	Ratio	Lower	Upper
114	100		
63	30.4	25.5	38.3
88	20.2	16.8	25.2

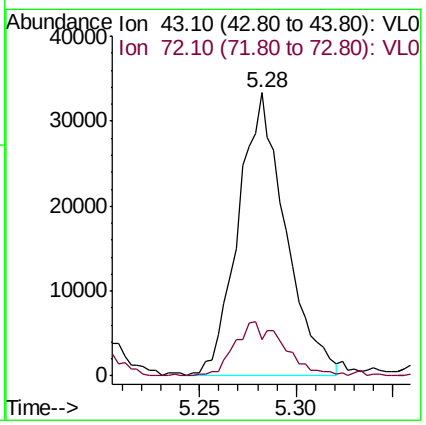


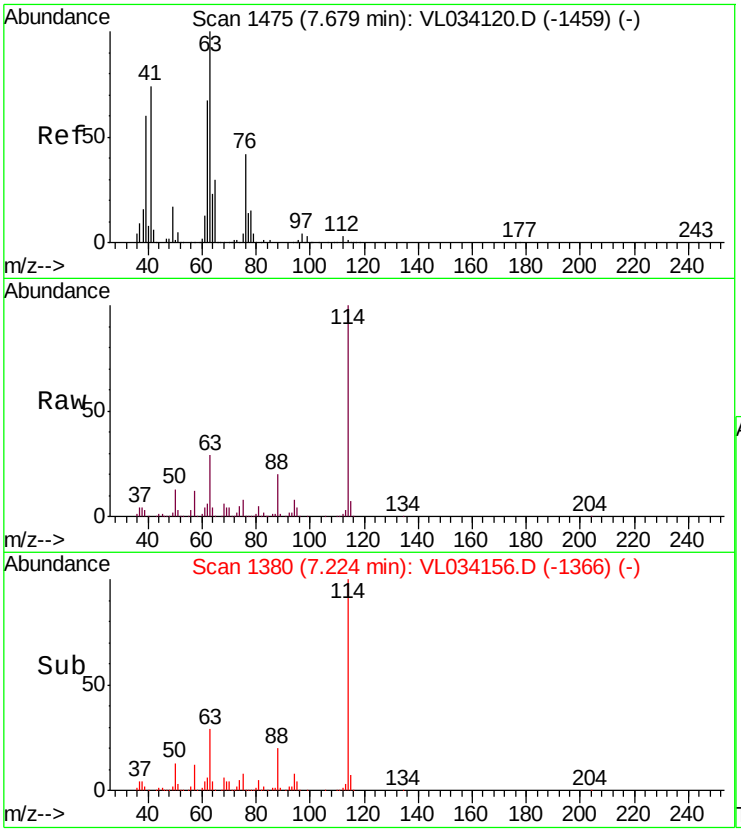


#34
2-Butanone
Concen: 0.484 ppbv
RT: 5.28 min Scan# 776
Delta R.T. 0.00 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion: 43 Resp: 56715

Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.5	24.7



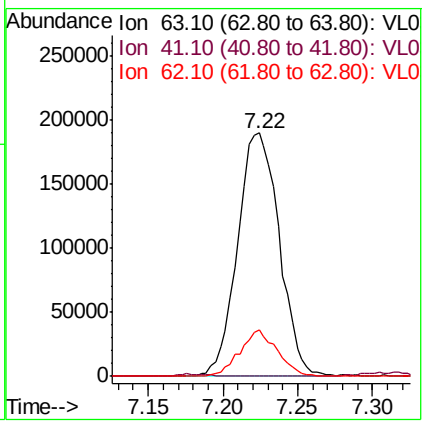


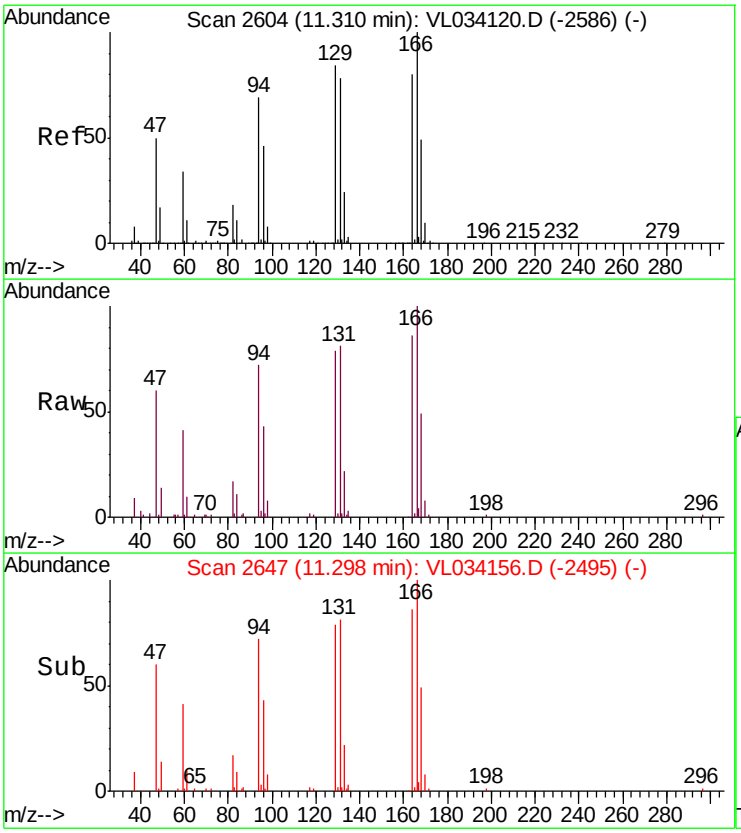
#39
1,2-Dichloropropane
Concen: 6.186 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.46 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion: 63 Resp: 368812

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.3	88.9#
62	19.0	53.8	80.6#

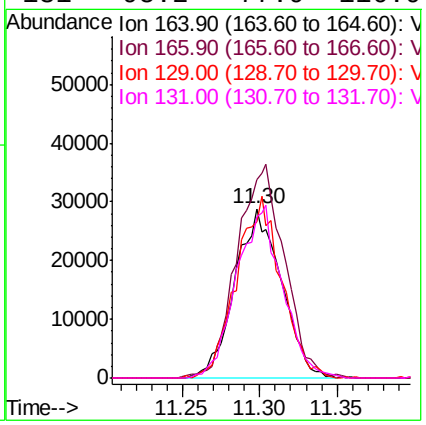


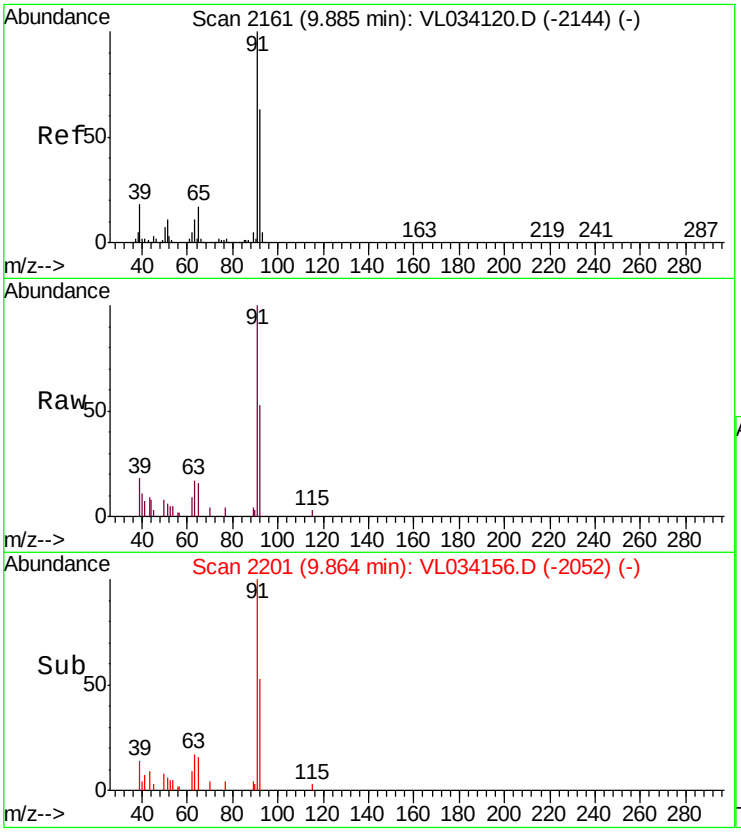


#52
Tetrachloroethene
Concen: 1.224 ppbv
RT: 11.30 min Scan# 2647
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion:164 Resp: 60148

Ion	Ratio	Lower	Upper
164	100		
166	115.3	99.5	149.3
129	92.0	83.6	125.4
131	95.2	77.9	116.9



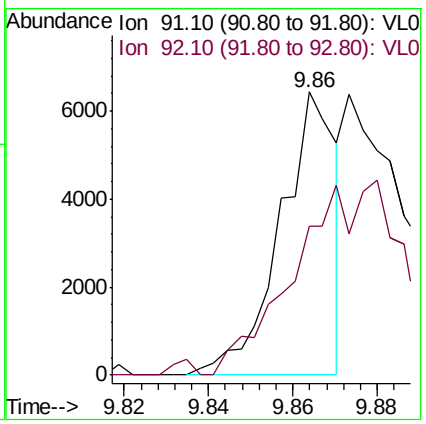


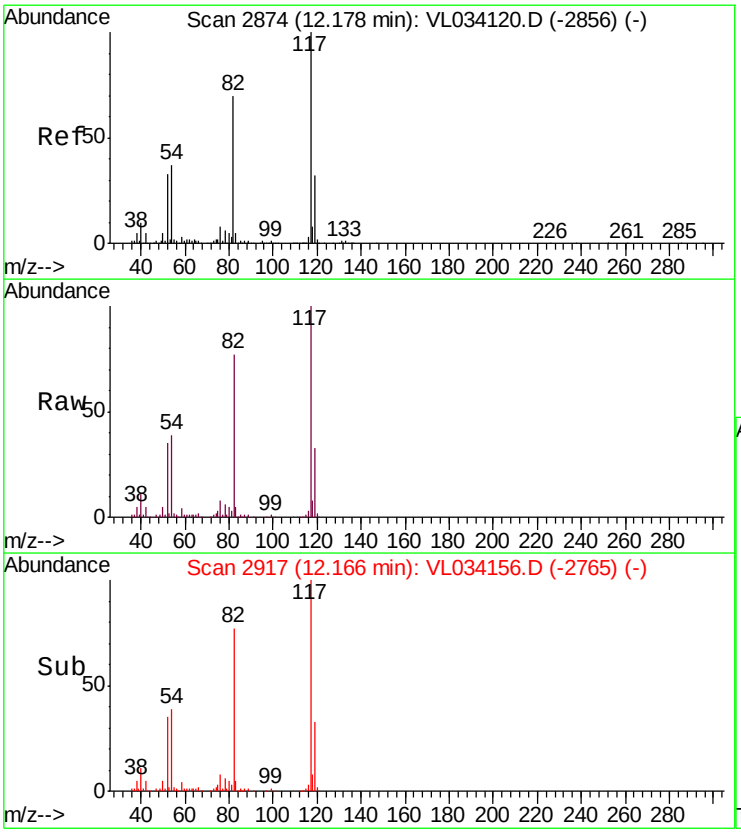
#53
Toluene
Concen: 0.038 ppbv
RT: 9.86 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion: 91 Resp: 5860

Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.3	73.9#

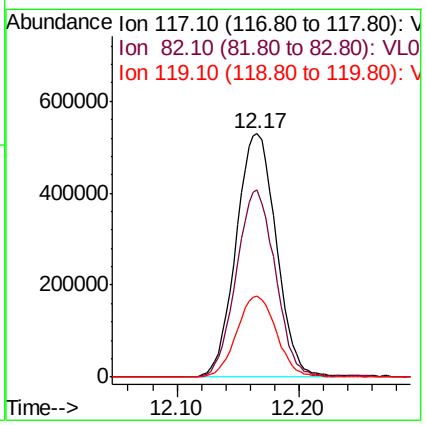


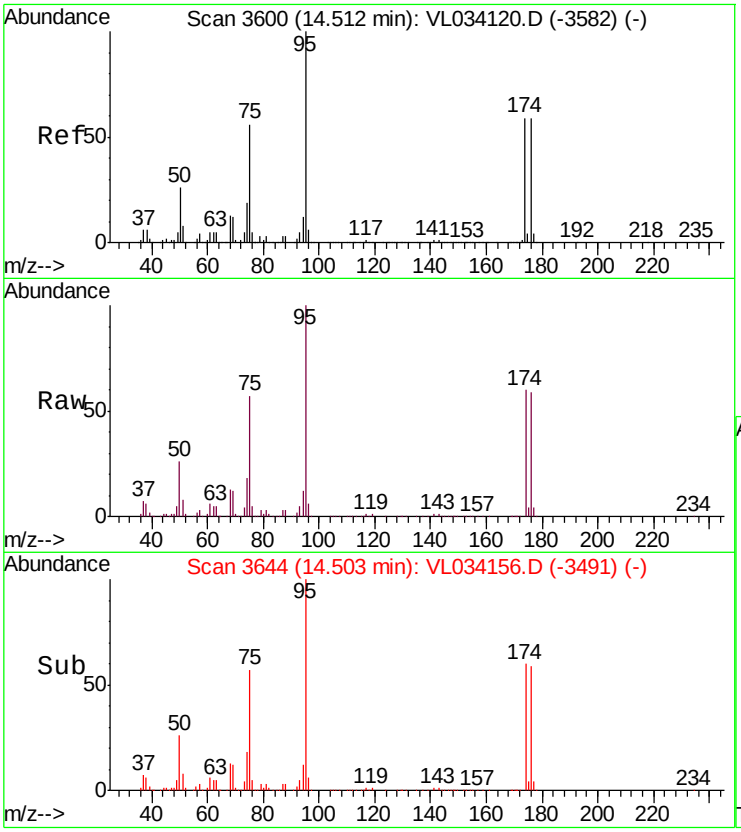


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Tgt Ion:117 Resp: 1202934

Ion	Ratio	Lower	Upper
117	100		
82	74.9	55.8	83.6
119	33.2	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.492 ppbv
RT: 14.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: VL034156.D
Acq: 10 Sep 2019 23:41

Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

Tgt Ion: 95 Resp: 1031803

Ion	Ratio	Lower	Upper
95	100		
174	60.5	48.1	72.1
175	4.4	3.5	5.3