Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

Quantitation Report (Not Reviewed)

Data File : VL036141.D
Acq On : 10 Dec 2020 23:31
Operator : SY/AP
Sample : L4948-15 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3B

Quant Time: Dec 11 04:36:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1320423	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.16	114	2647823	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.07	117	2362236	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2079684	11.09	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 110.90%				
Target Compounds							Qvalue
4) Chloromethane	3.12	50	2432	0.033	ppbv		92
9) Propene	3.01	41	15802	0.209	ppbv		97
10) Heptane	8.10	43	8522	0.044	ppbv	#	29
13) Ethanol	3.59	45	12853	1.235	ppbv	#	29
15) Acetone	3.85	43	250203	1.577	ppbv		97
19) Isopropyl Alcohol	3.97	45	13586	0.140	ppbv	#	100
20) Methylene Chloride	4.33	84	14623	0.225	ppbv	#	79
25) Ethyl Acetate	5.67	43	14537	0.046	ppbv	#	94
26) Hexane	5.67	57	4578	0.032	ppbv	#	1
30) Cyclohexane	7.11	84	32060	0.306	ppbv	#	1
34) 2-Butanone	5.24	43	8317	0.047	ppbv	#	1
39) 1,2-Dichloropropane	7.16	63	825502	9.315	ppbv	#	24
52) Tetrachloroethene	11.20	164	61102	0.752	ppbv		92
53) Toluene	9.78	91	9830	0.039	ppbv	#	1
58) Ethyl Benzene	12.70	91	33184	0.103	ppbv		100
59) m/p-Xylene	12.99	91	27275	0.100	ppbv	#	34
60) o-Xylene	13.68	91	97607	0.380	ppbv		98

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

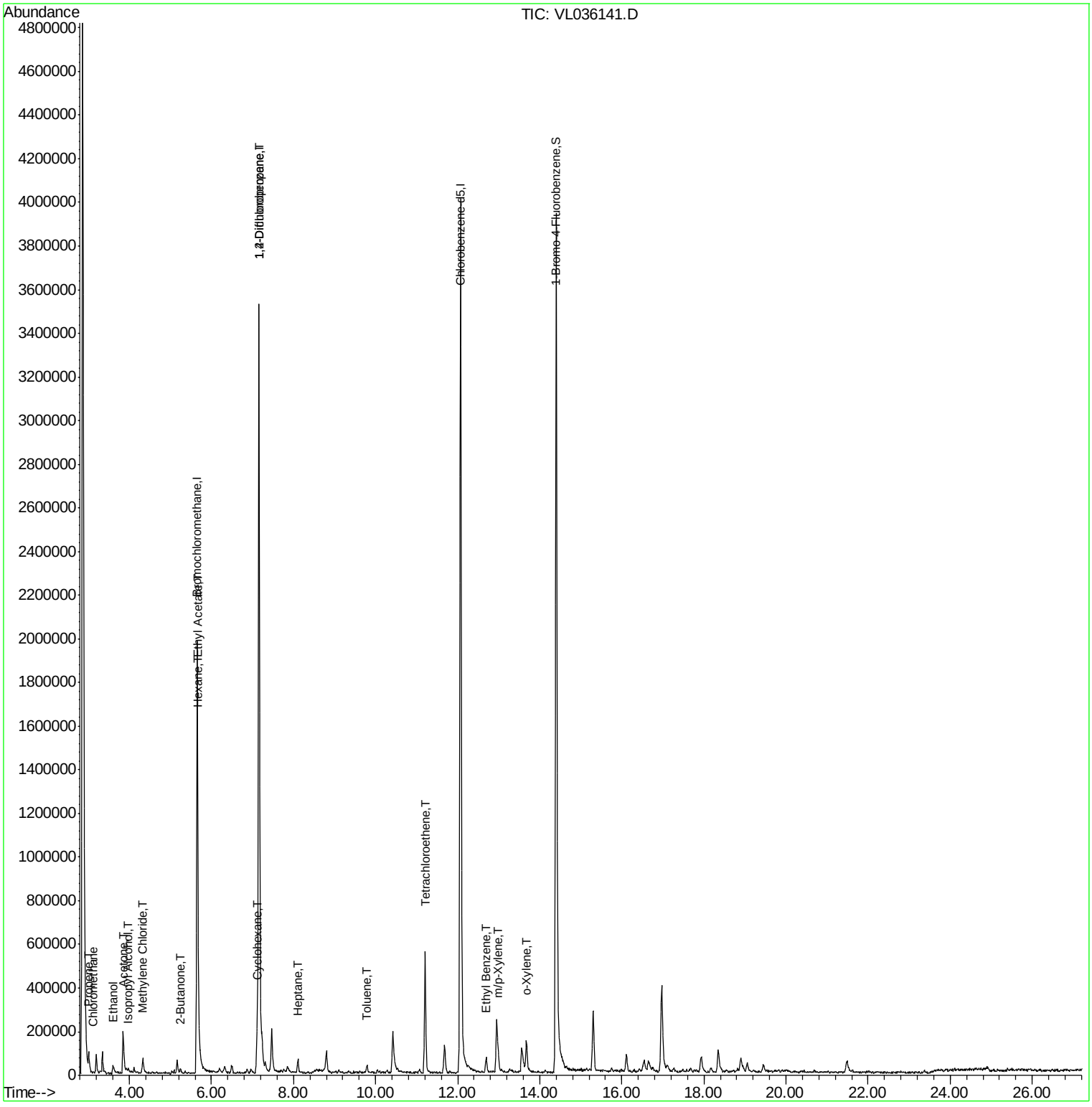
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

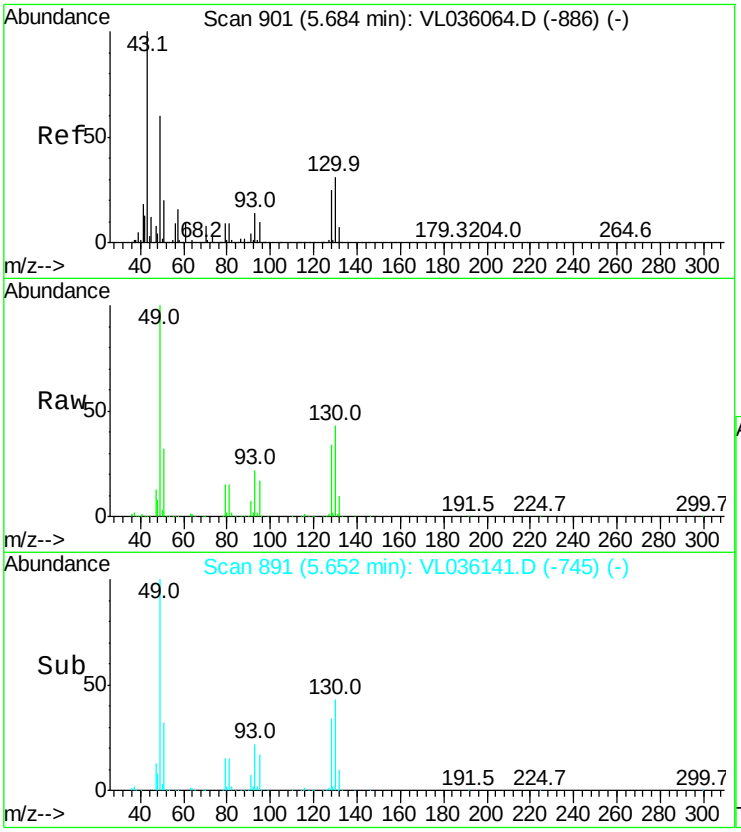
Quantitation Report (Not Reviewed)

Data File : VL036141.D
Acq On : 10 Dec 2020 23:31
Operator : SY/AP
Sample : L4948-15 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3B

Quant Time: Dec 11 04:36:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



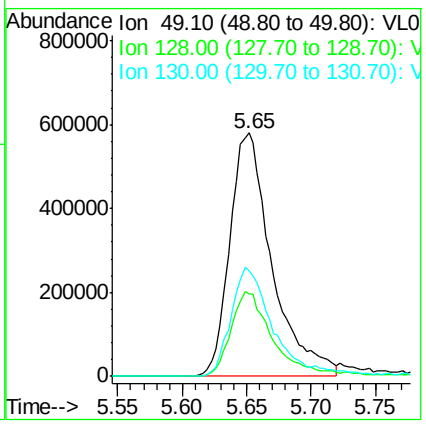


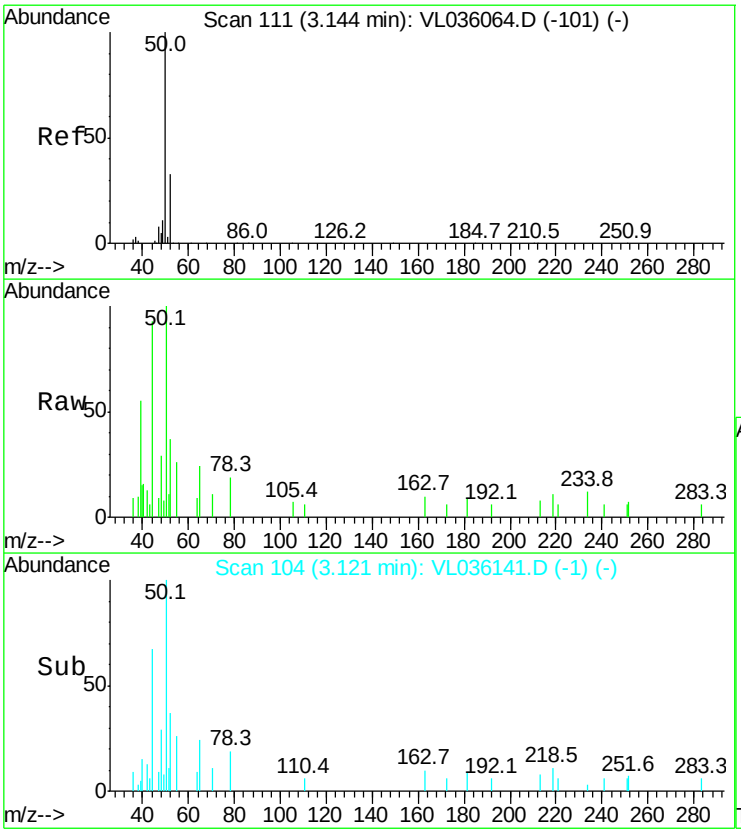
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument : MSVOA_L
ClientSampleId : SS-3B

Tgt Ion: 49 Resp: 1320423

Ion	Ratio	Lower	Upper
49	100		
128	35.8	21.1	63.1
130	46.3	27.1	81.3

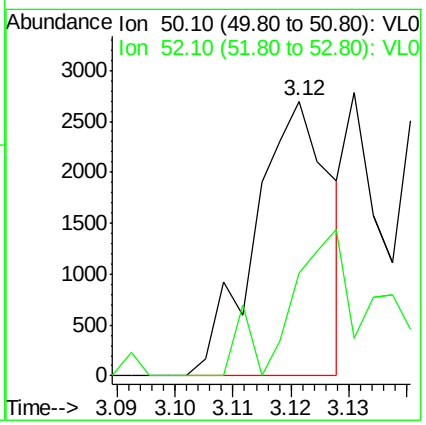


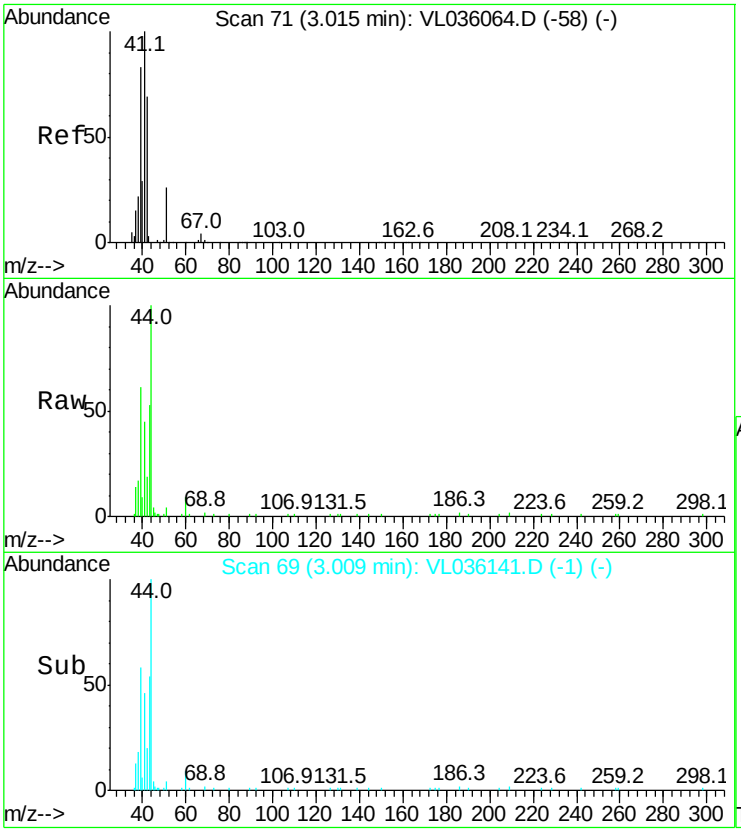


#4
Chloromethane
Concen: 0.033 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.02 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 50 Resp: 2432

Ion	Ratio	Lower	Upper
50	100		
52	37.3	26.1	39.1



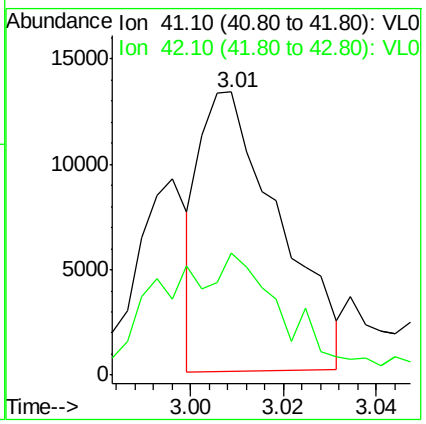


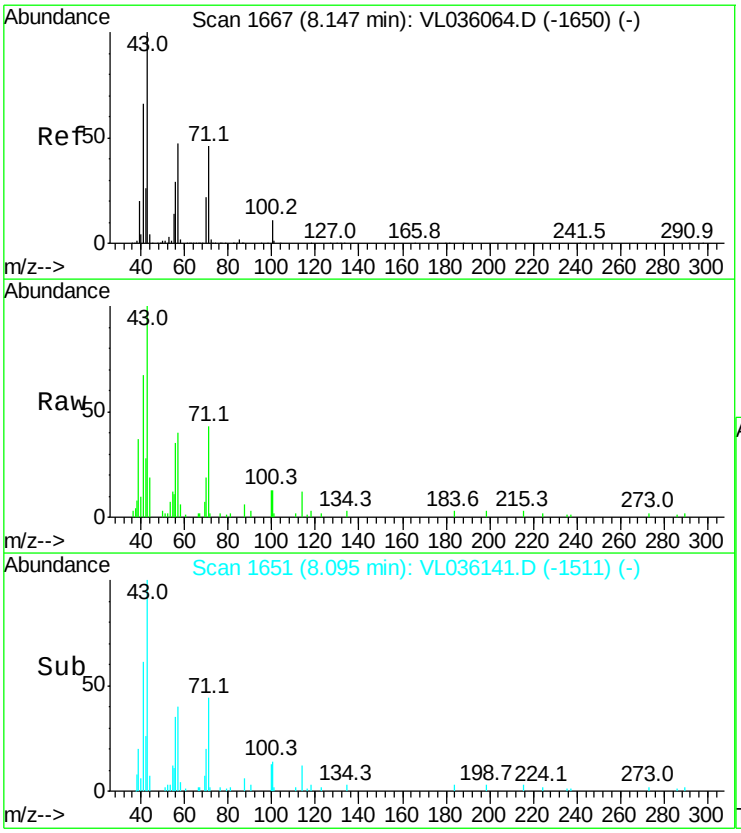
#9
Propene
Concen: 0.209 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.01 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument :
MSVOA_L
ClientSampleId :
SS-3B

Tgt Ion: 41 Resp: 15802

Ion	Ratio	Lower	Upper
41	100		
42	74.1	57.0	85.6

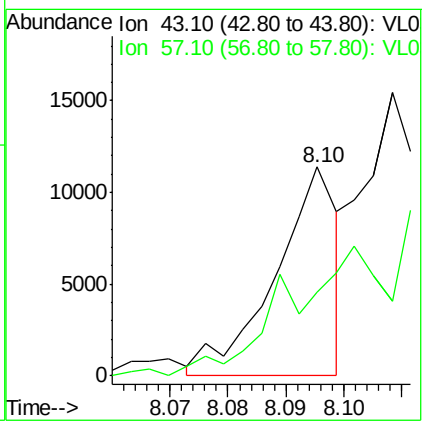


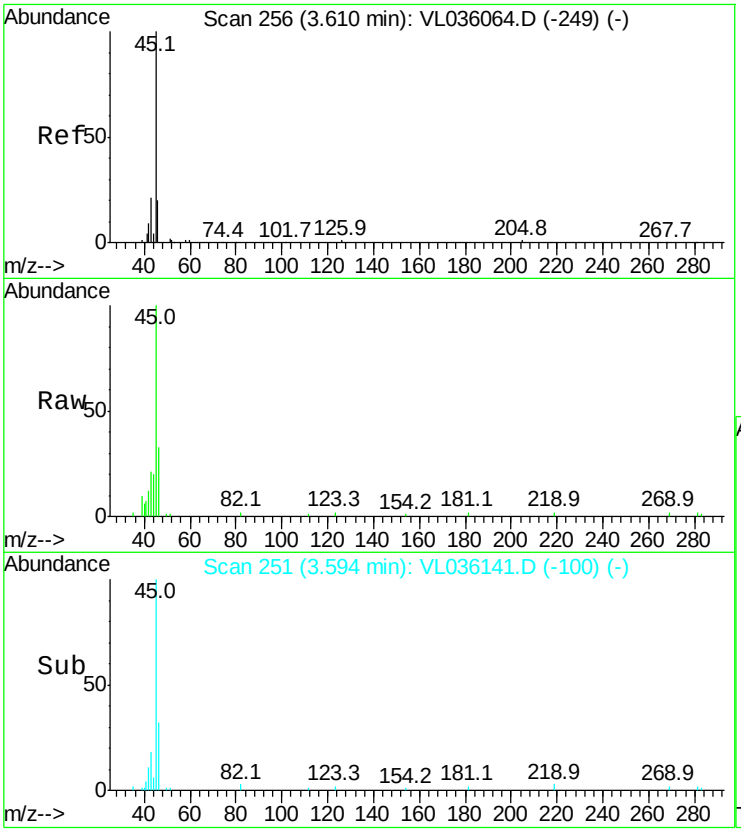


#10
Heptane
Concen: 0.044 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.05 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 43 Resp: 8522

Ion	Ratio	Lower	Upper
43	100		
57	0.0	37.9	56.9#



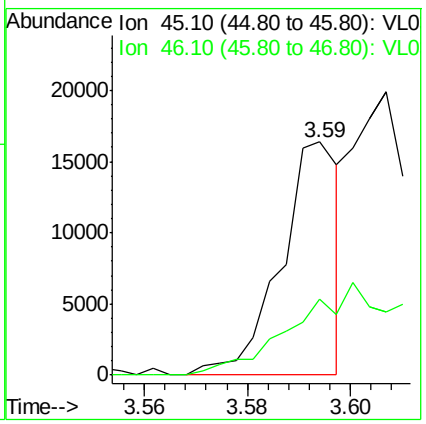


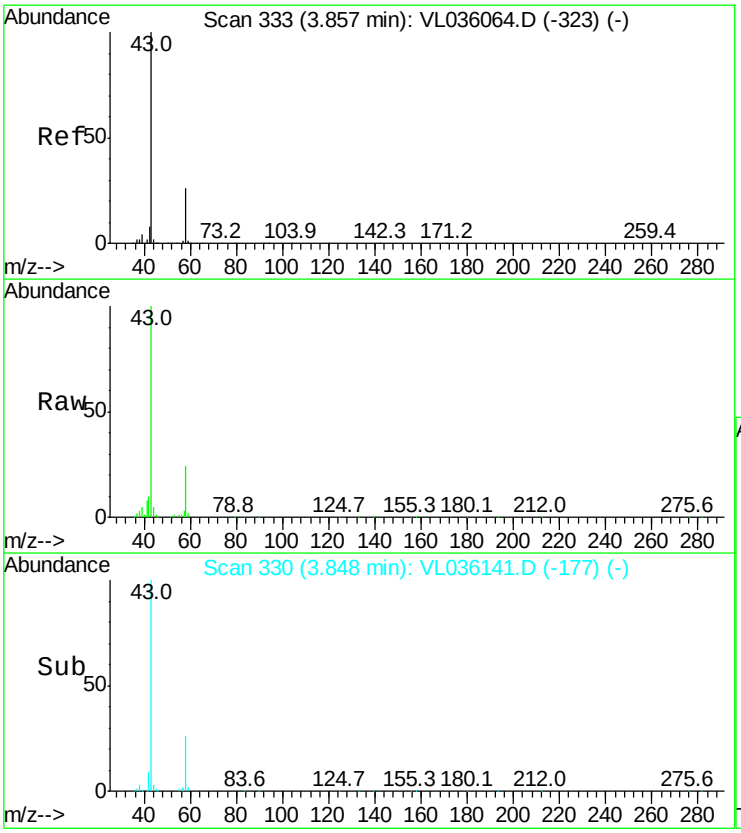
#13
Ethanol
Concen: 1.235 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument :
MSVOA_L
ClientSampleId :
SS-3B

Tgt Ion: 45 Resp: 12853

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.0	75.8#

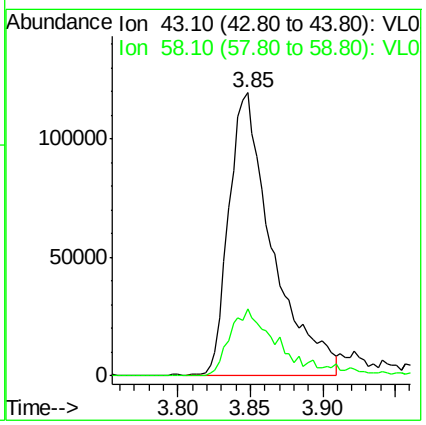


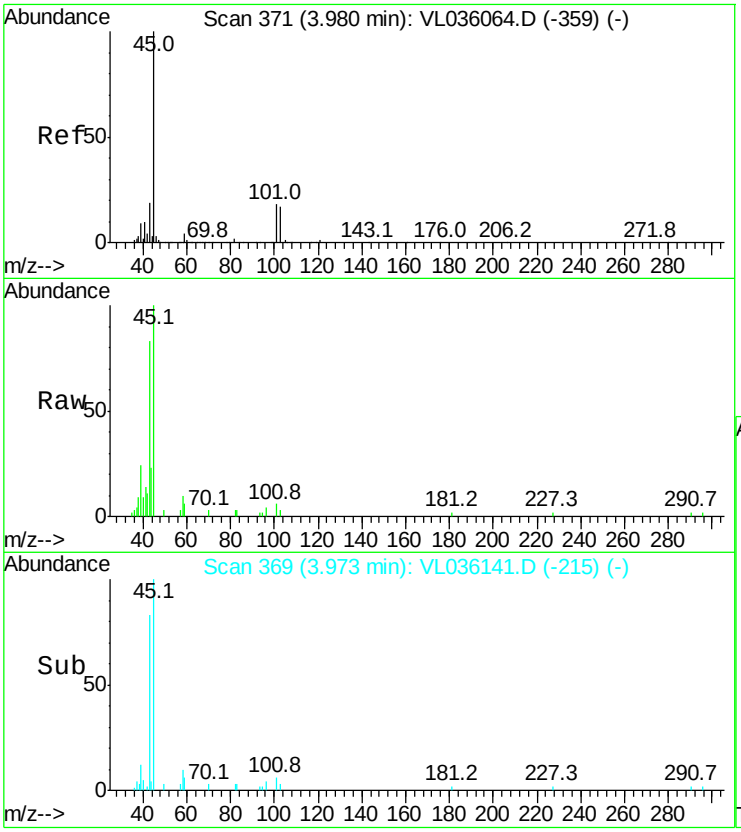


#15
Acetone
Concen: 1.577 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 43 Resp: 250203

Ion	Ratio	Lower	Upper
43	100		
58	27.9	20.9	31.3



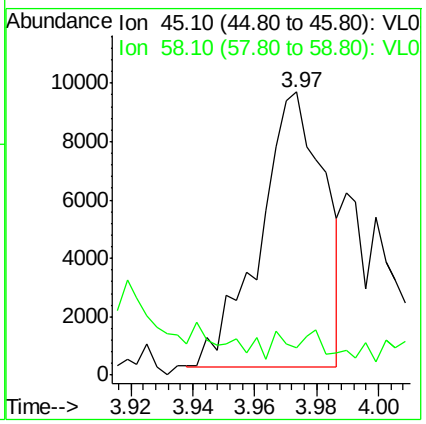


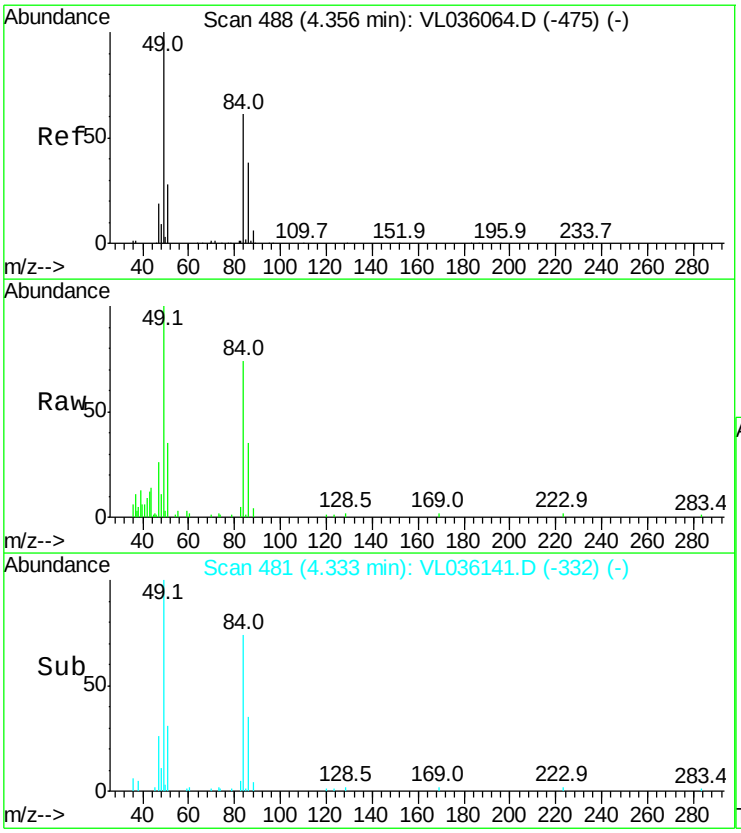
#19
Isopropyl Alcohol
Concen: 0.140 ppbv
RT: 3.97 min Scan# 369
Delta R.T. -0.01 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument :
MSVOA_L
ClientSampleId :
SS-3B

Tgt Ion: 45 Resp: 13586

Ion	Ratio	Lower	Upper
45	100		
58	0.0	0.0	0.0

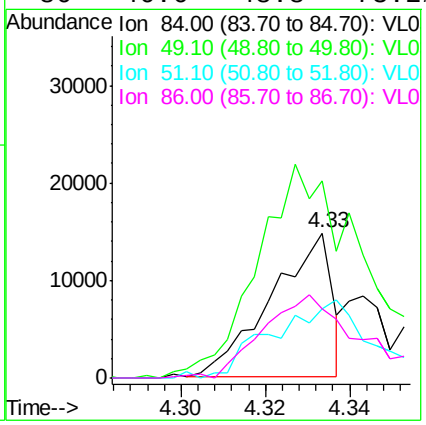


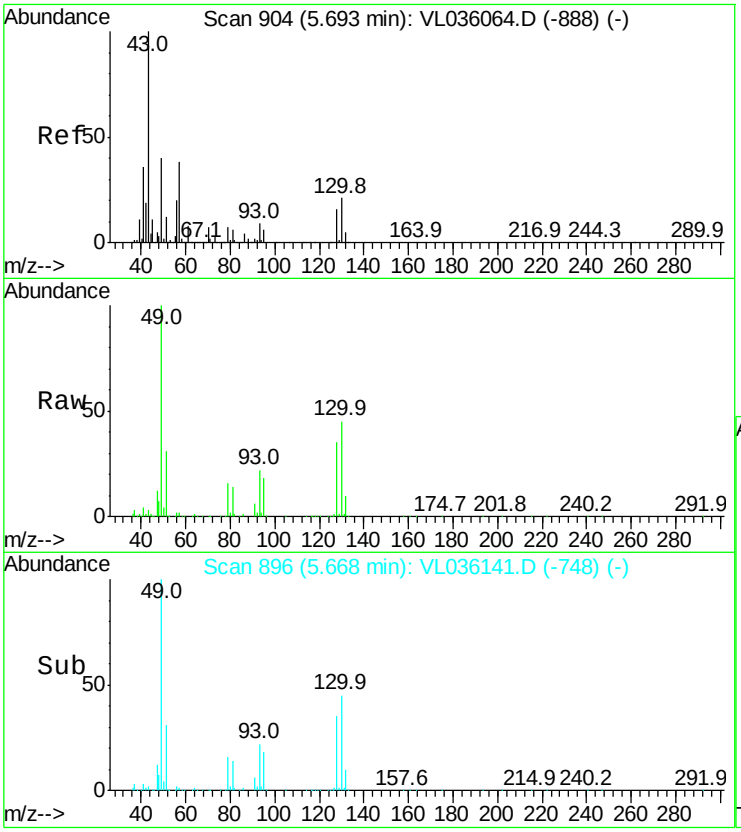


#20
Methylene Chloride
Concen: 0.225 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 84 Resp: 14623

Ion	Ratio	Lower	Upper
84	100		
49	131.0	133.0	199.4#
51	43.7	38.9	58.3
86	46.6	48.8	73.2#



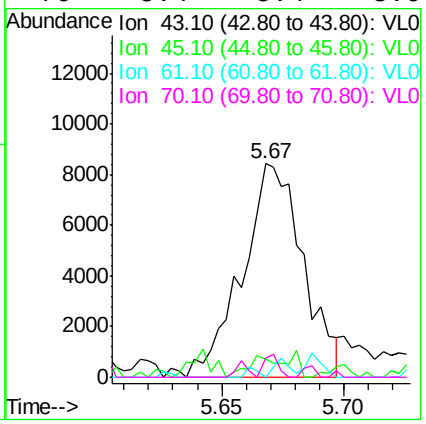


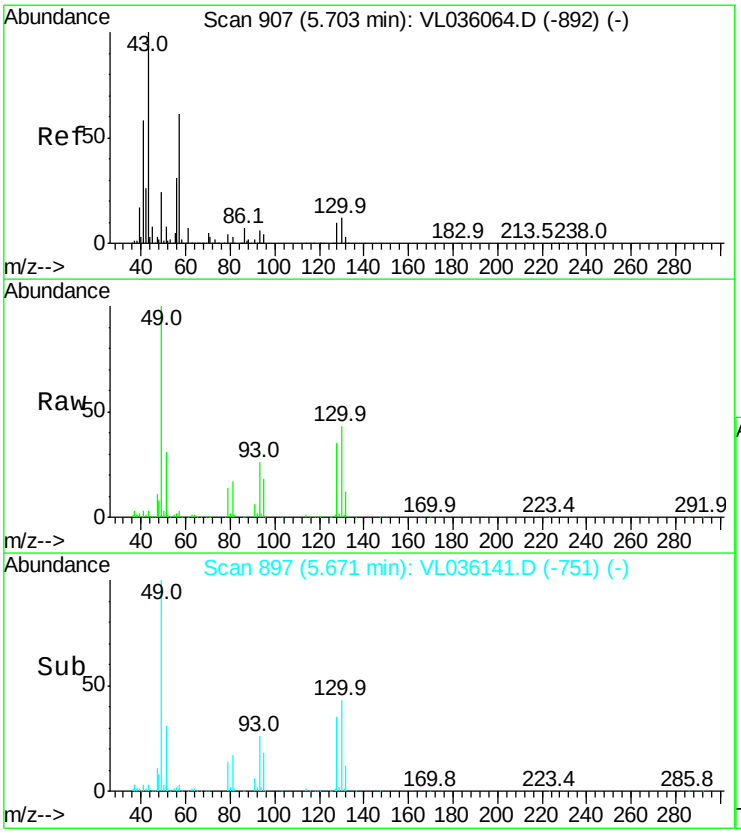
#25
Ethyl Acetate
Concen: 0.046 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.03 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument :
MSVOA_L
ClientSampleId :
SS-3B

Tgt Ion: 43 Resp: 14537

Ion	Ratio	Lower	Upper
43	100		
45	8.1	8.2	12.4#
61	6.0	7.4	11.2#
70	5.4	5.4	8.0

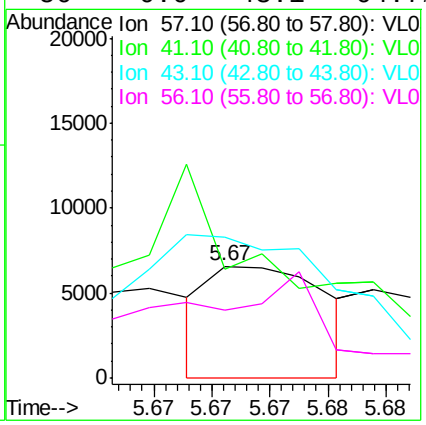


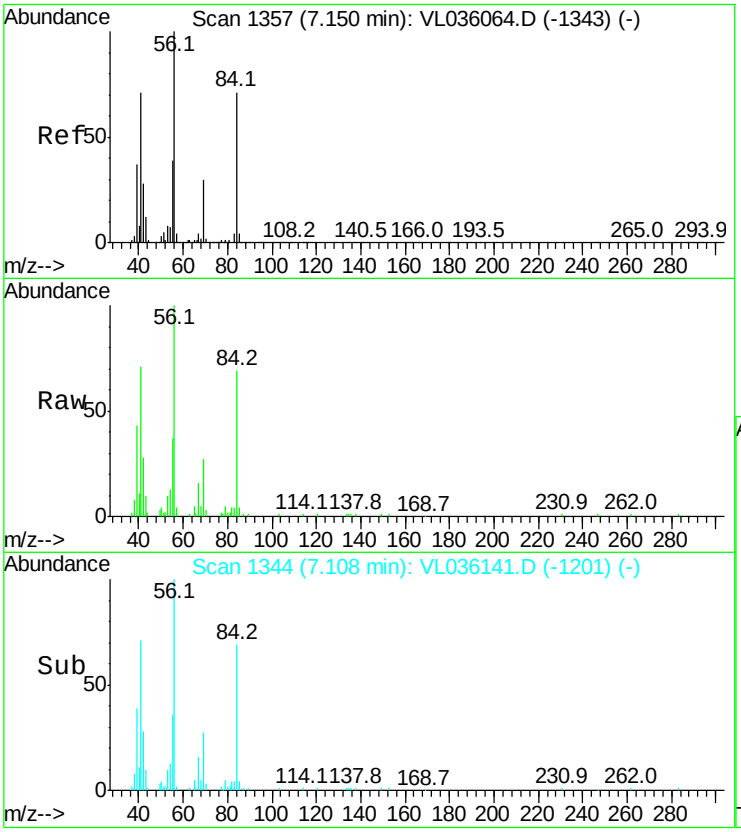


#26
Hexane
Concen: 0.032 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.03 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 57 Resp: 4578

Ion	Ratio	Lower	Upper
57	100		
41	421.8	82.9	124.3#
43	396.9	199.9	299.9#
56	0.0	43.1	64.7#



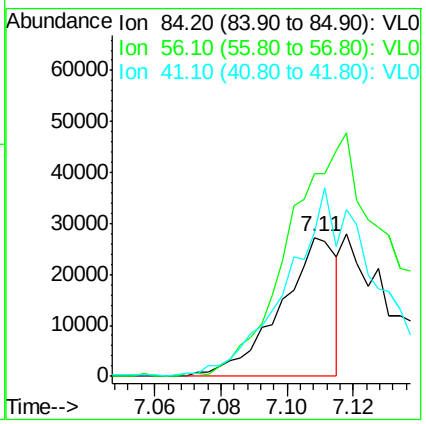


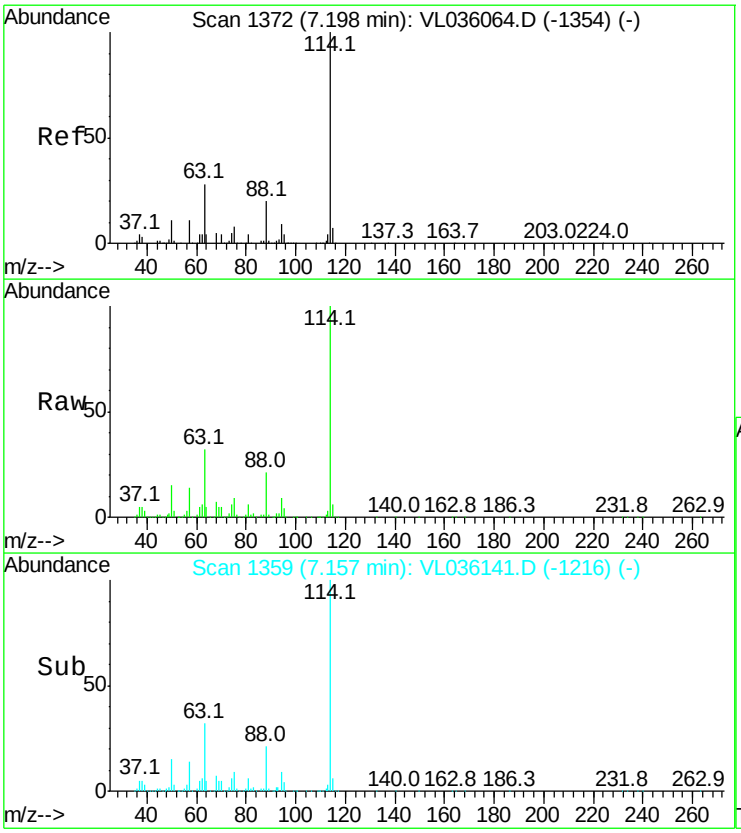
#30
Cyclohexane
Concen: 0.306 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument : MSVOA_L
ClientSampleId : SS-3B

Tgt Ion: 84 Resp: 32060

Ion	Ratio	Lower	Upper
84	100		
56	0.0	128.0	192.0#
41	219.9	81.3	121.9#

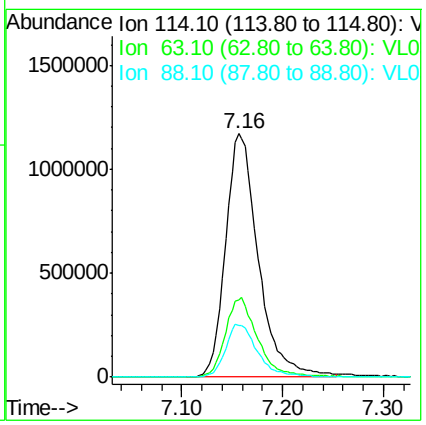


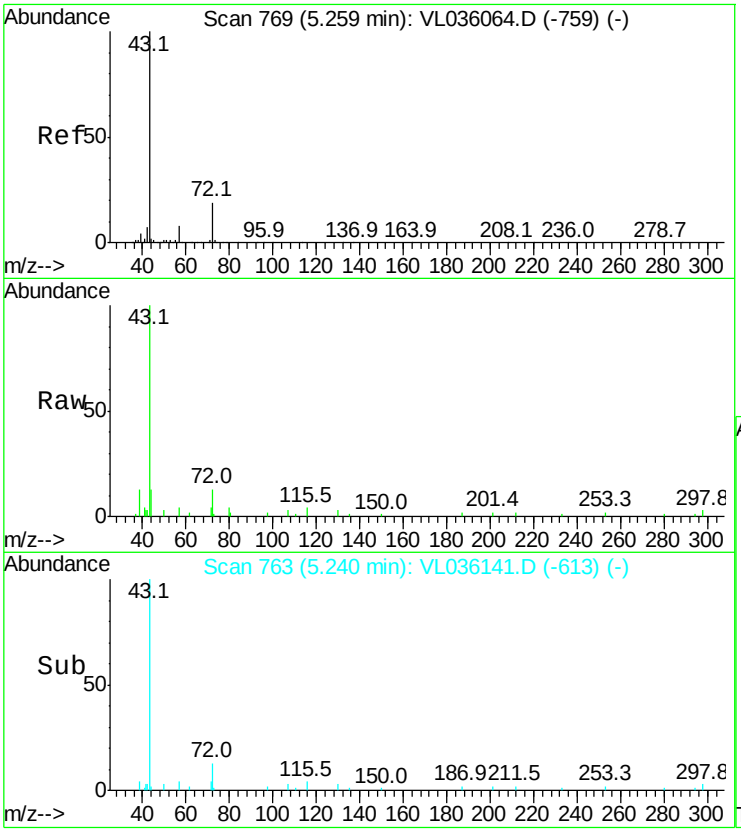


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion:114 Resp: 2647823

Ion	Ratio	Lower	Upper
114	100		
63	32.6	23.6	35.4
88	21.6	15.8	23.6



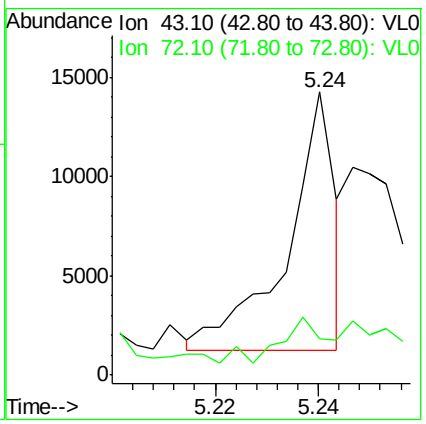


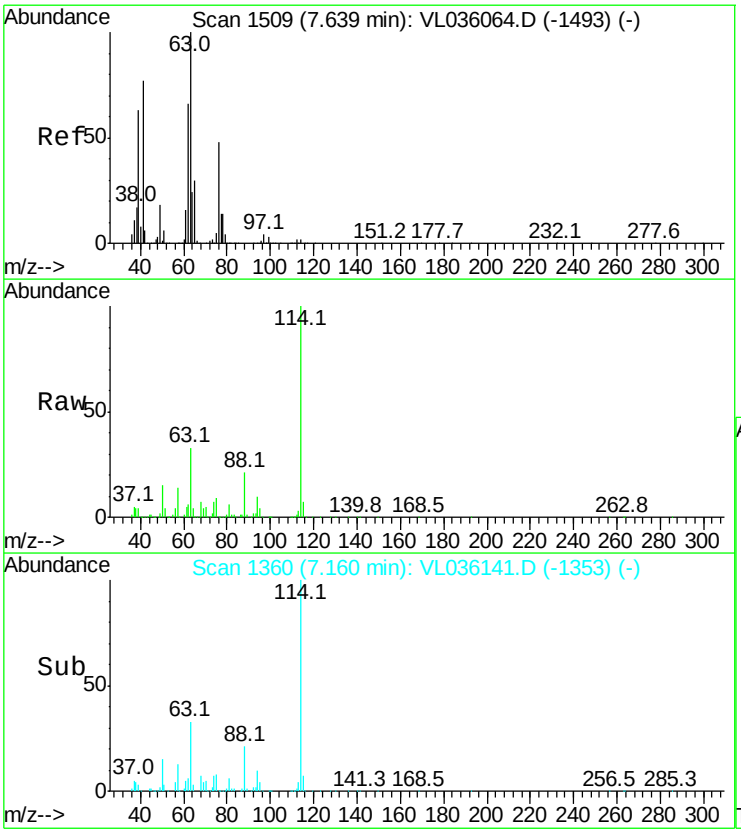
#34
2-Butanone
Concen: 0.047 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.02 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument : MSVOA_L
ClientSampleId : SS-3B

Tgt Ion: 43 Resp: 8317

Ion	Ratio	Lower	Upper
43	100		
72	84.5	16.5	24.7#

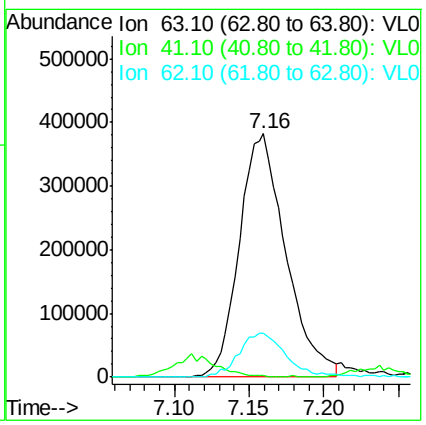


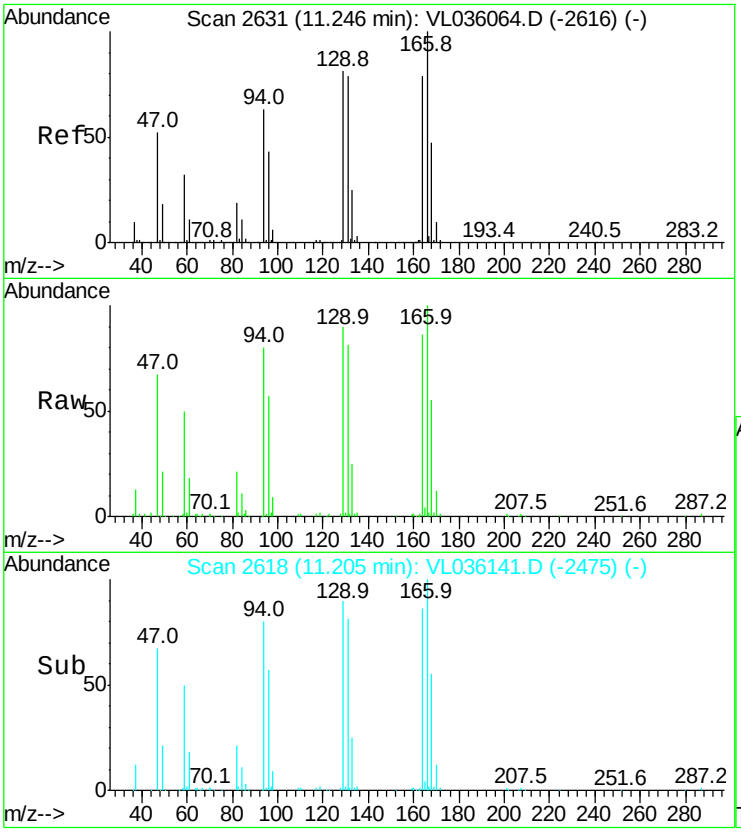


#39
1,2-Dichloropropane
Concen: 9.315 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.48 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 63 Resp: 825502

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	18.1	52.5	78.7#



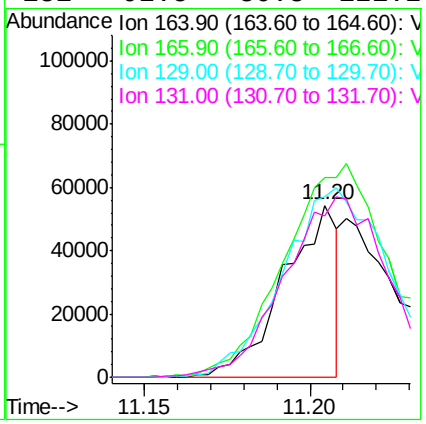


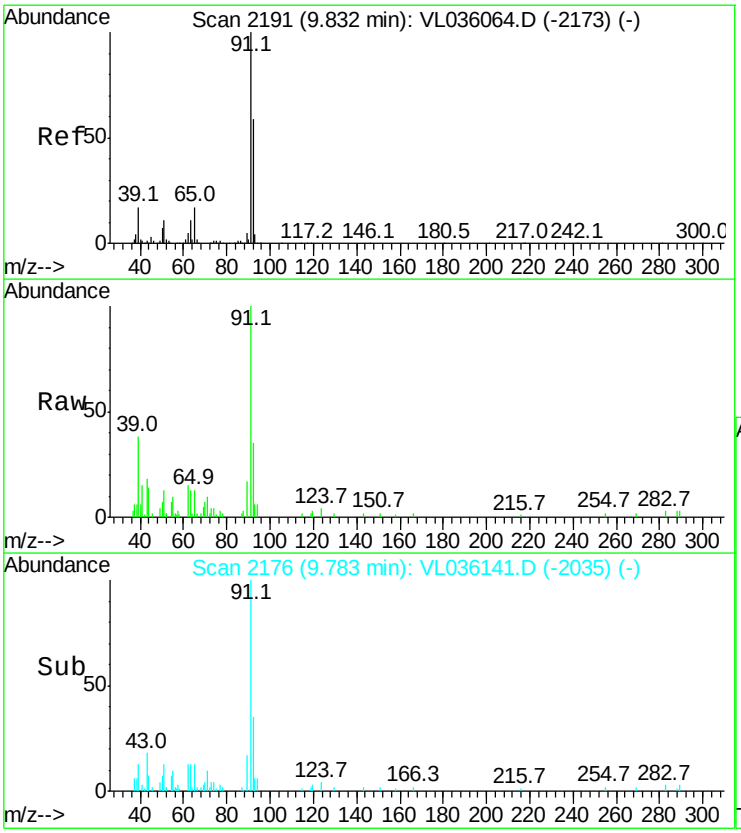
#52
Tetrachloroethene
Concen: 0.752 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument : MSVOA_L
ClientSampleId : SS-3B

Tgt Ion:164 Resp: 61102

Ion	Ratio	Lower	Upper
164	100		
166	115.0	101.9	152.9
129	105.9	82.1	123.1
131	92.5	80.8	121.2

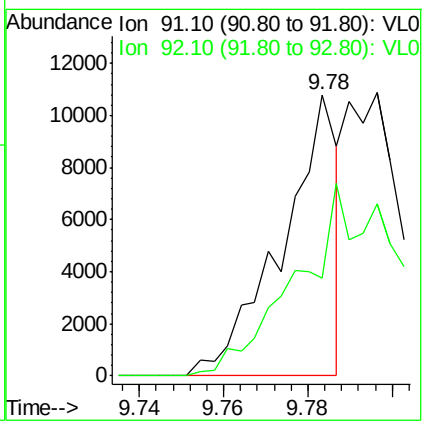


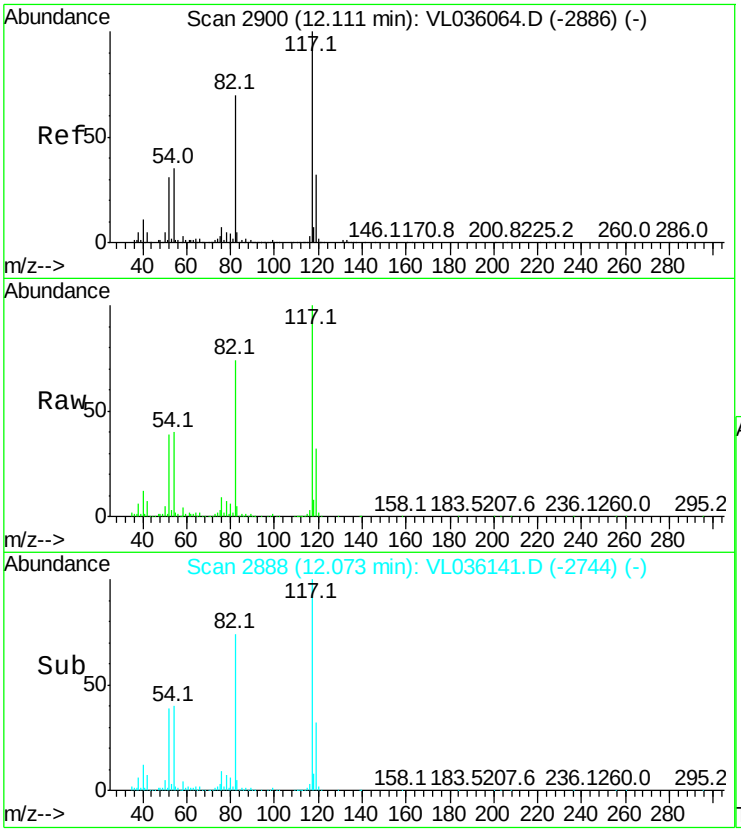


#53
Toluene
Concen: 0.039 ppbv
RT: 9.78 min Scan# 2176
Delta R.T. -0.05 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 91 Resp: 9830

Ion	Ratio	Lower	Upper
91	100		
92	138.6	48.2	72.2#



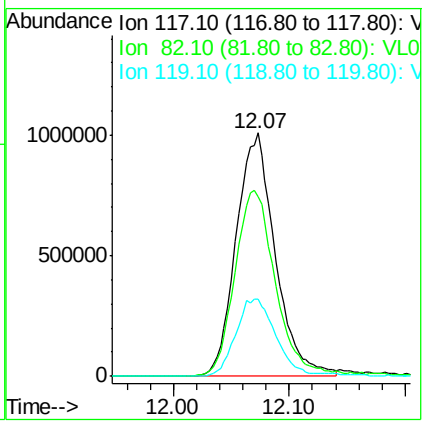


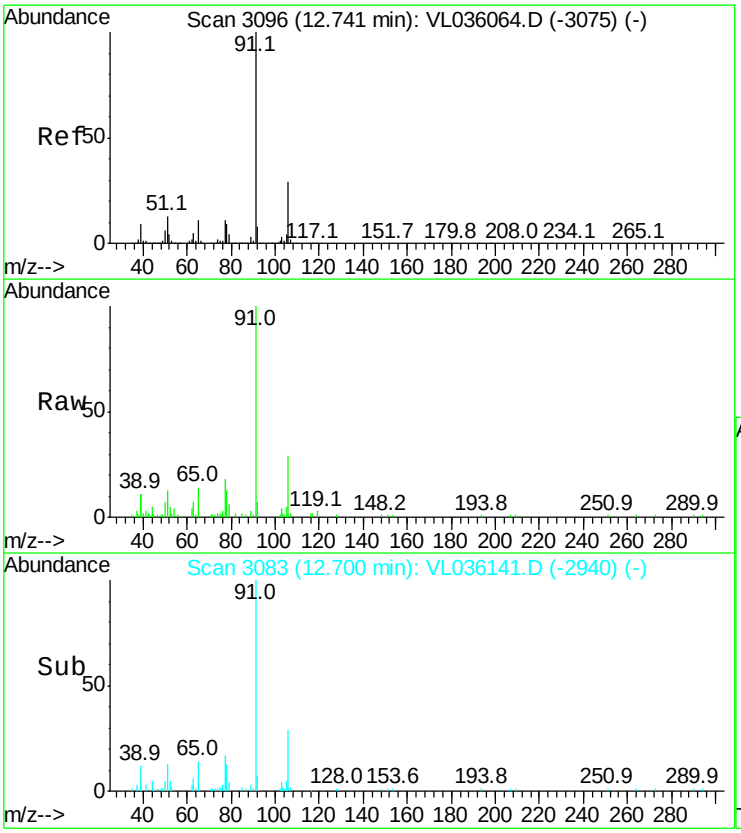
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument : MSVOA_L
ClientSampleId : SS-3B

Tgt Ion:117 Resp: 2362236

Ion	Ratio	Lower	Upper
117	100		
82	81.6	0.0	0.0#
119	33.5	0.0	0.0#

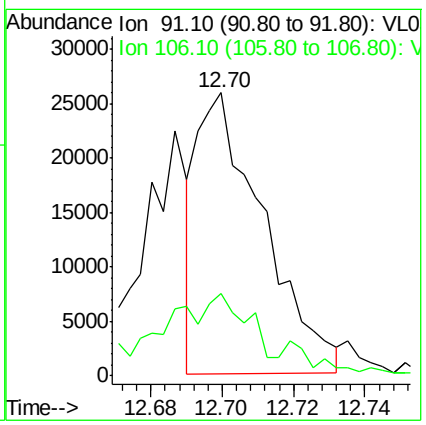


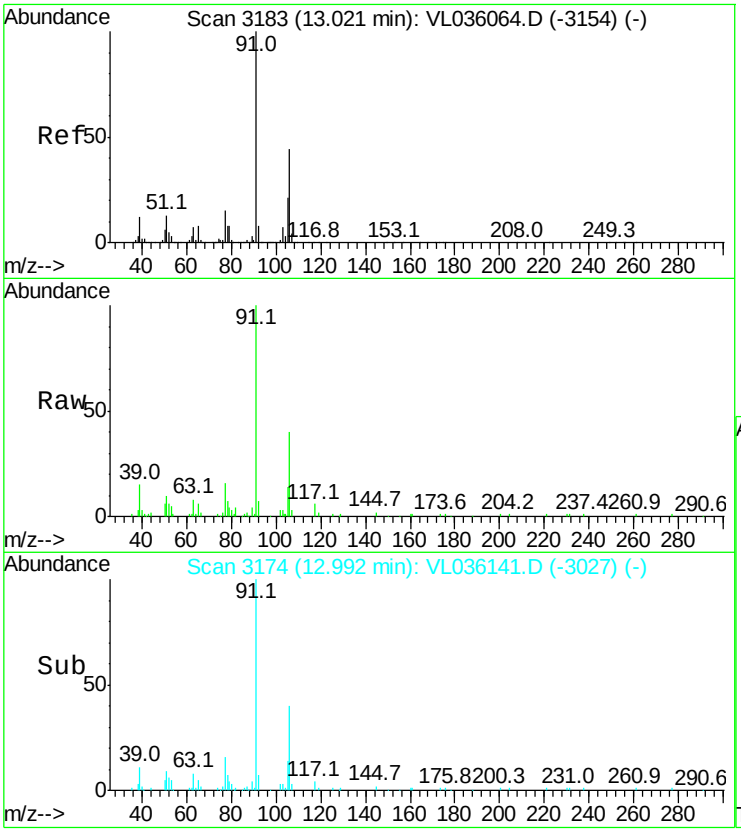


#58
Ethyl Benzene
Concen: 0.103 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 91 Resp: 33184

Ion	Ratio	Lower	Upper
91	100		
106	28.9	23.0	34.4



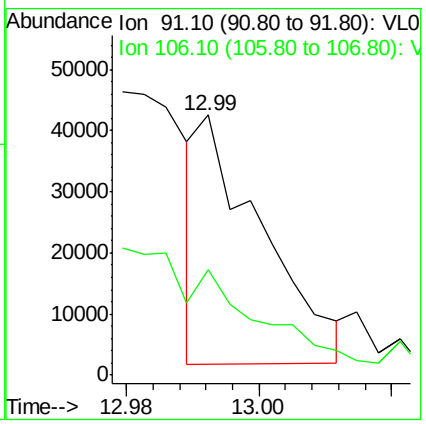


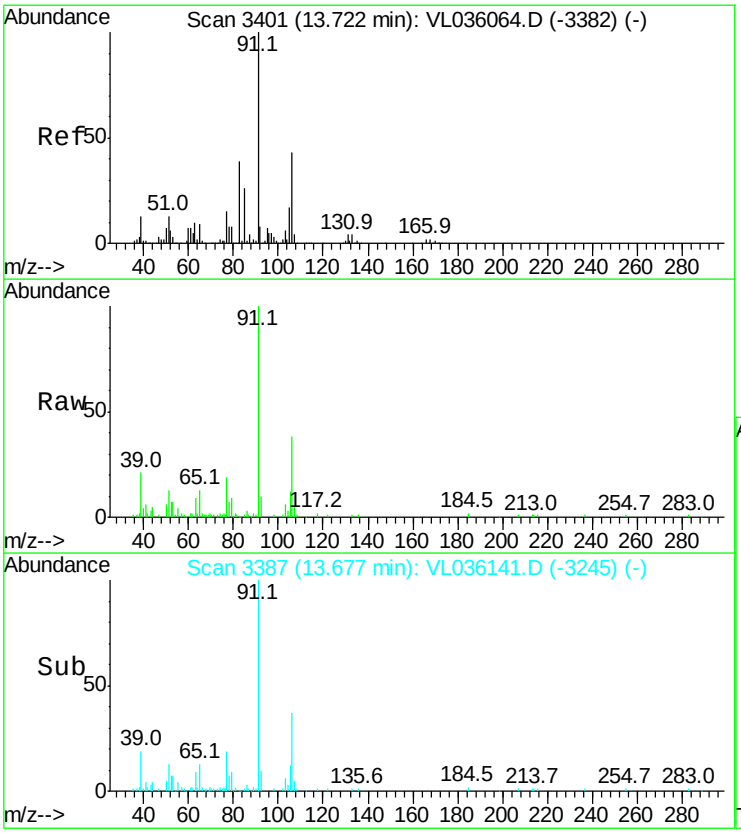
#59
m/p-Xylene
Concen: 0.100 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.03 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument : MSVOA_L
ClientSampleId : SS-3B

Tgt Ion: 91 Resp: 27275

Ion	Ratio	Lower	Upper
91	100		
106	0.0	33.6	50.4#

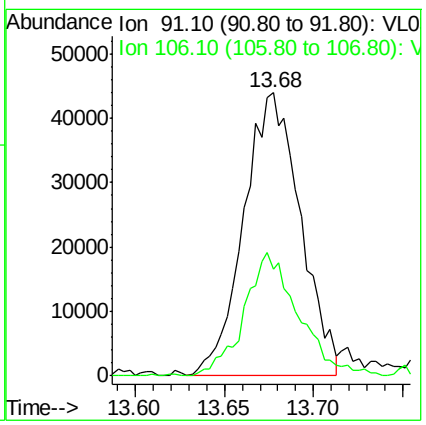


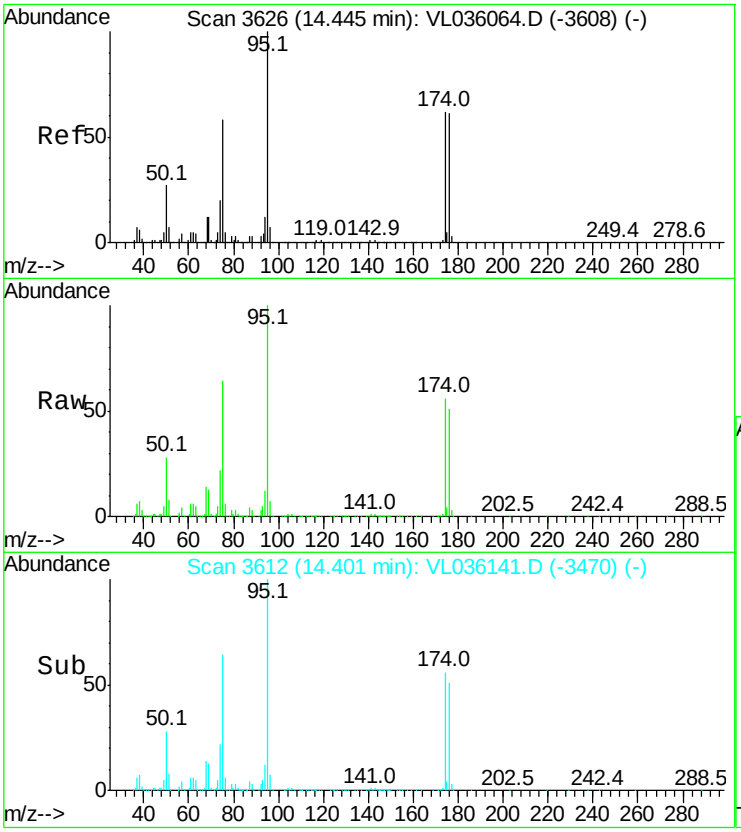


#60
o-Xylene
Concen: 0.380 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 91 Resp: 97607

Ion	Ratio	Lower	Upper
91	100		
106	41.6	21.6	64.6





#68
1-Bromo-4-Fluorobenzene
Concen: 11.087 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Instrument :
MSVOA_L
ClientSampleId :
SS-3B

Tgt Ion: 95 Resp: 2079684

Ion	Ratio	Lower	Upper
95	100		
174	55.1	50.7	76.1
175	3.9	4.0	6.0#