Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022521\
Data File : VL036384.D
Acq On : 25 Feb 2021 16:57
Operator : SY/AP
Sample : M1463-13DLDUP 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Feb 26 00:36:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1606335	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3461824	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3126080	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2530483	9.84	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	7897	0.033	ppbv		89
3) Chlorodifluoromethane	2.98	51	11011	0.055	ppbv		93
4) Chloromethane	3.13	50	7819	0.081	ppbv		94
9) Propene	3.29	41	2508	0.034	ppbv		86
10) Heptane	8.11	43	15178	0.069	ppbv	#	28
13) Ethanol	3.60	45	670698	47.985	ppbv		94
15) Acetone	3.85	43	333865	1.700	ppbv		92
16) 1,3-Butadiene	3.29	39	10509	0.112	ppbv	#	9
19) Isopropyl Alcohol	3.96	45	548164	5.039	ppbv	#	96
20) Methylene Chloride	4.34	84	54656	0.863	ppbv		97
25) Ethyl Acetate	5.67	43	86246	0.228	ppbv	#	85
26) Hexane	5.67	57	100606	0.646	ppbv	#	41
39) 1,2-Dichloropropane	7.16	63	998847	8.362	ppbv	#	23
44) 2,2,4-Trimethylpentane	7.86	57	178605	0.334	ppbv	#	84
53) Toluene	9.79	91	255183	0.801	ppbv		97
58) Ethyl Benzene	12.69	91	19975	0.047	ppbv		98
59) m/p-Xylene	12.99	91	29977	0.080	ppbv	#	33
60) o-Xylene	13.69	91	17220	0.048	ppbv	#	32
74) 1,2,4-Trimethylbenzene	16.77	105	12682	0.032	ppbv	#	67

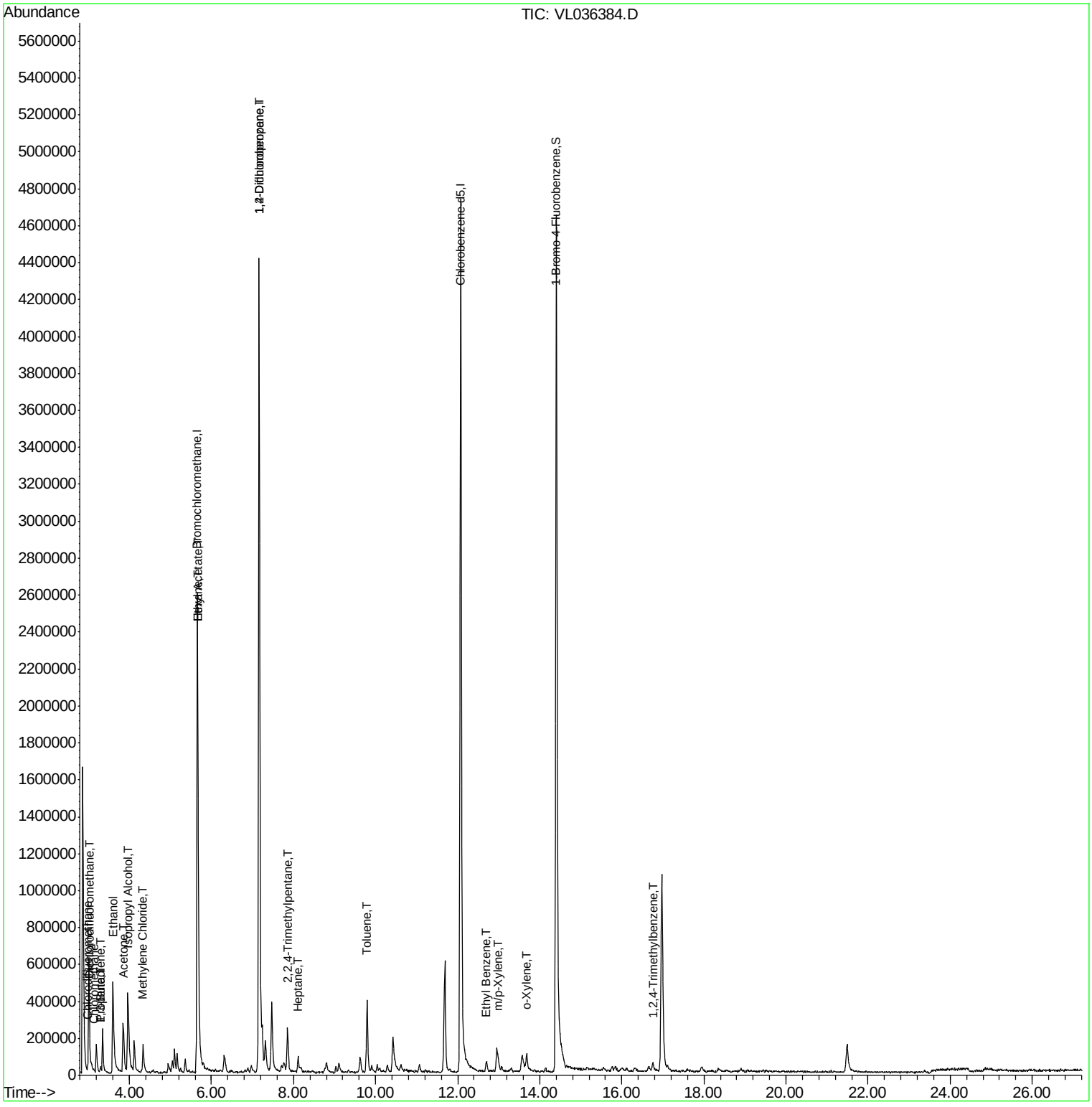
(#) = qualifier out of range (m) = manual integration (+) = signals summed

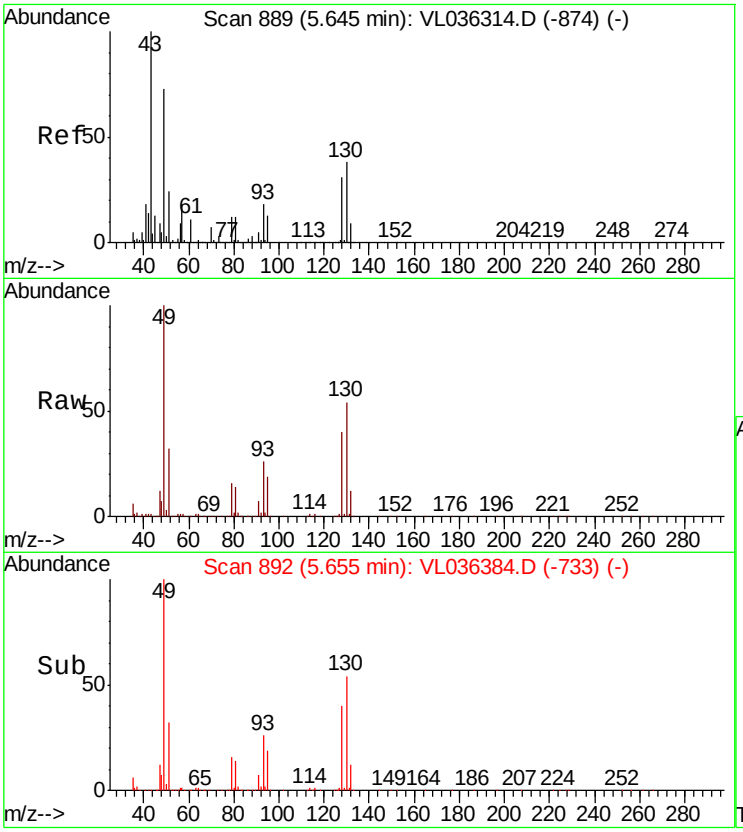
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022521\
Data File : VL036384.D
Acq On : 25 Feb 2021 16:57
Operator : SY/AP
Sample : M1463-13DLDUP 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 26 00:36:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration



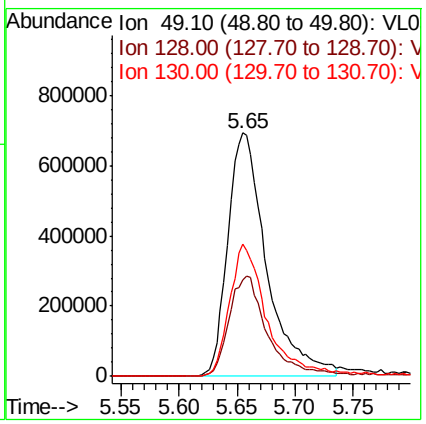


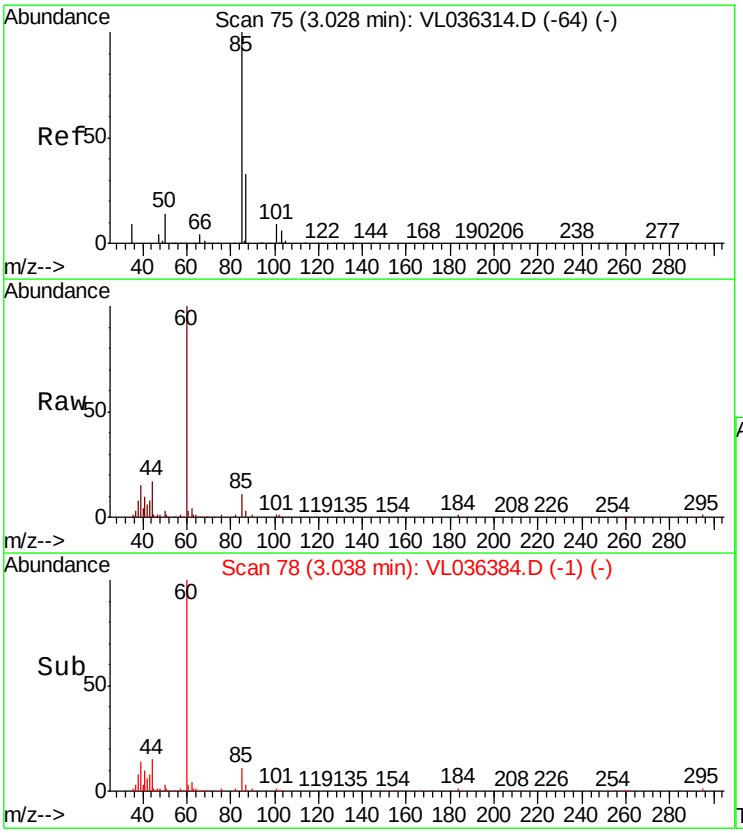
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1606335

Ion	Ratio	Lower	Upper
49	100		
128	42.1	20.8	62.5
130	53.8	26.7	80.1

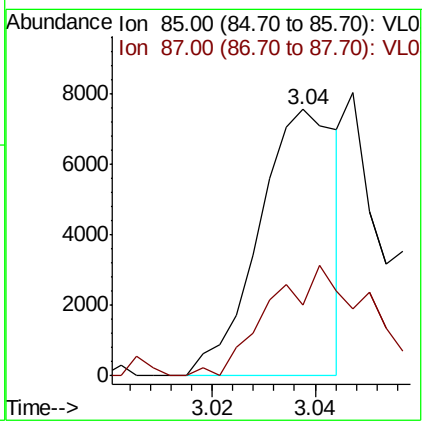


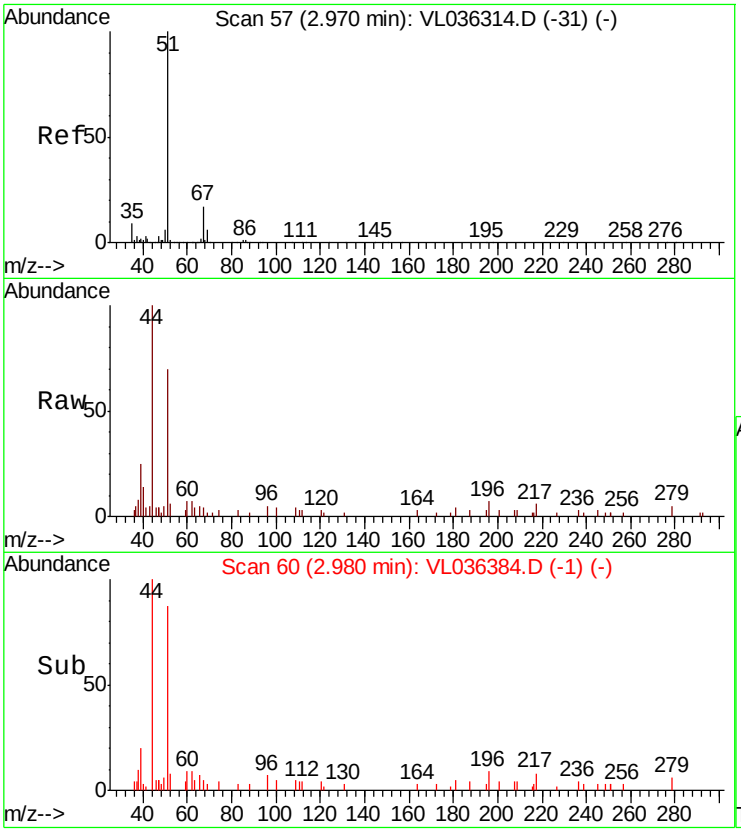


#2
Dichlorodifluoromethane
Concen: 0.033 ppbv
RT: 3.04 min Scan# 78
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 85 Resp: 7897

Ion	Ratio	Lower	Upper
85	100		
87	26.8	26.5	39.7

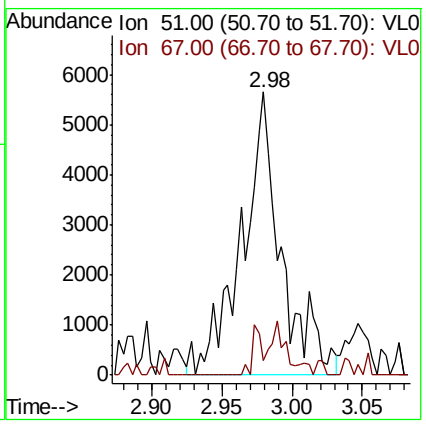




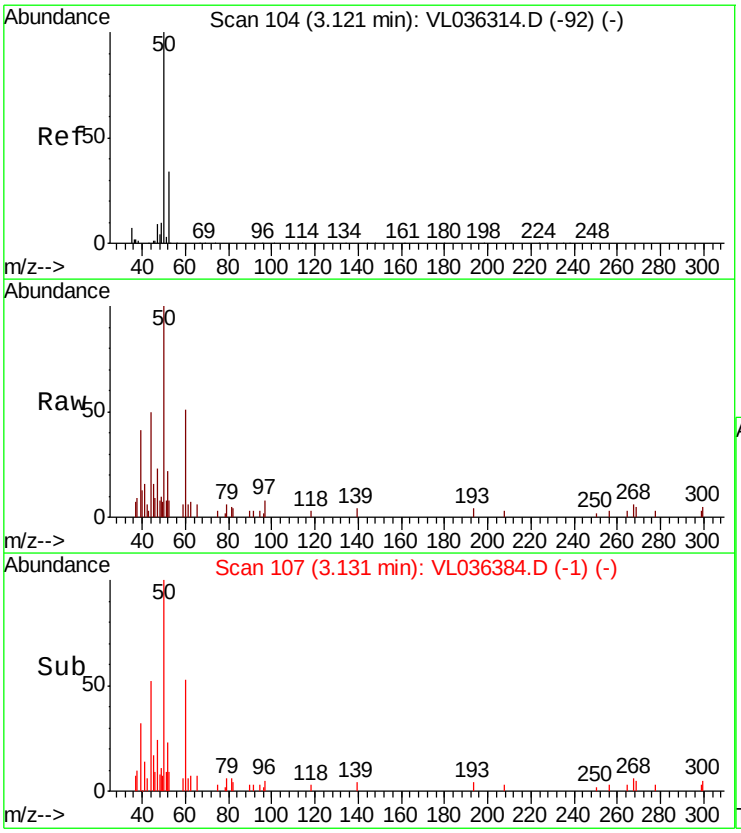
#3
Chlorodifluoromethane
Concen: 0.055 ppbv
RT: 2.98 min Scan# 60
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 51 Resp: 11011

Ion	Ratio	Lower	Upper
51	100		
67	15.4	14.7	22.1



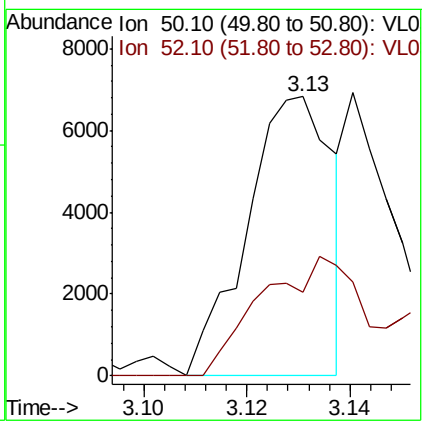
Instrument :
MSVOA_L
ClientSampleId :

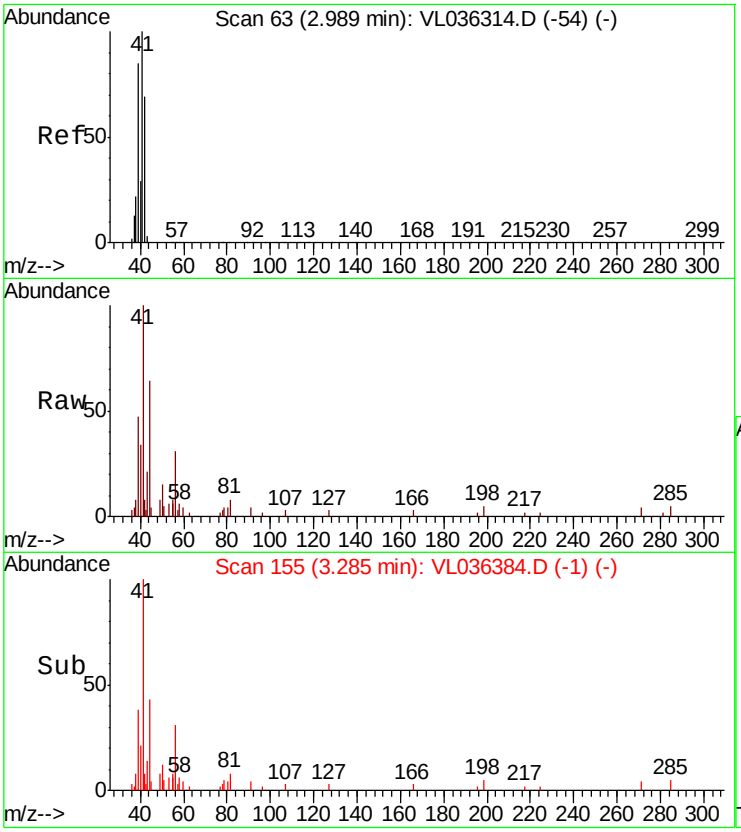


#4
Chloromethane
Concen: 0.081 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 50 Resp: 7819

Ion	Ratio	Lower	Upper
50	100		
52	30.1	27.0	40.4



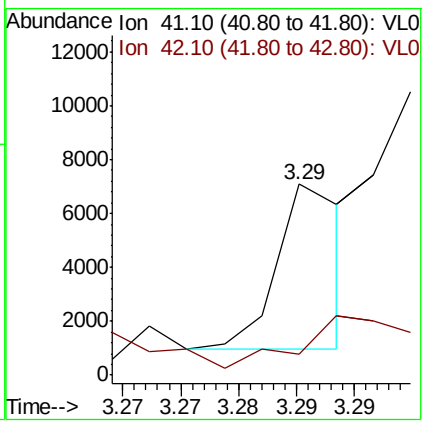


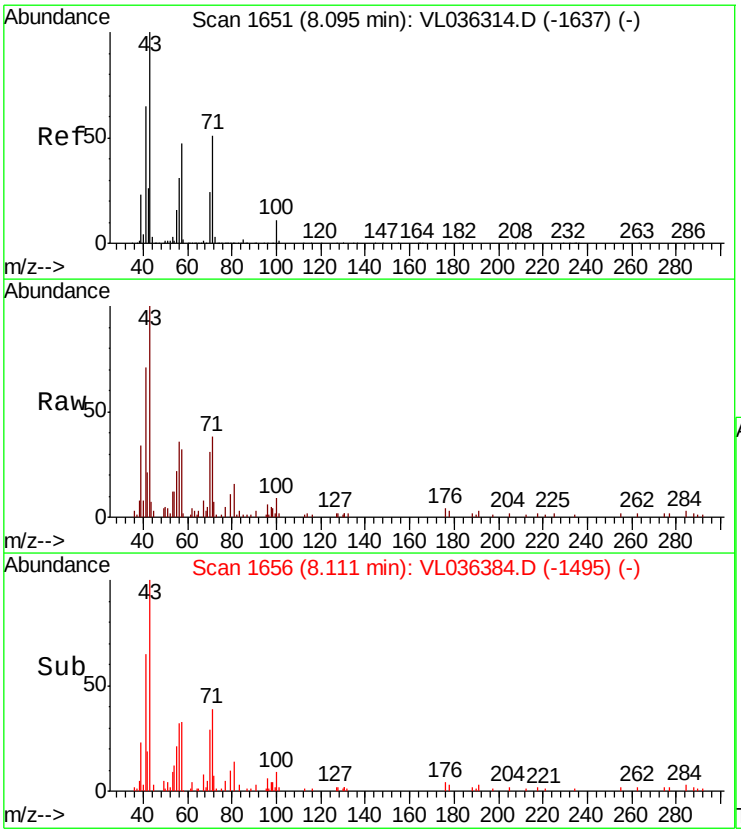
#9
Propene
Concen: 0.034 ppbv
RT: 3.29 min Scan# 155
Delta R.T. 0.30 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 2508

Ion	Ratio	Lower	Upper
41	100		
42	82.1	56.2	84.2

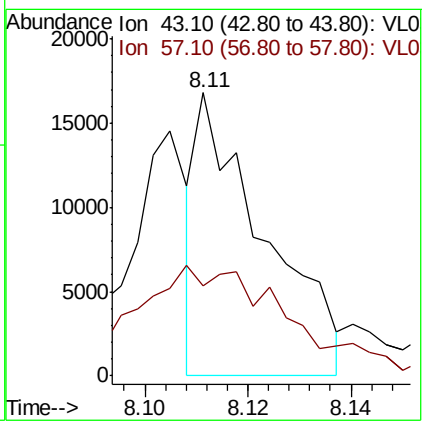


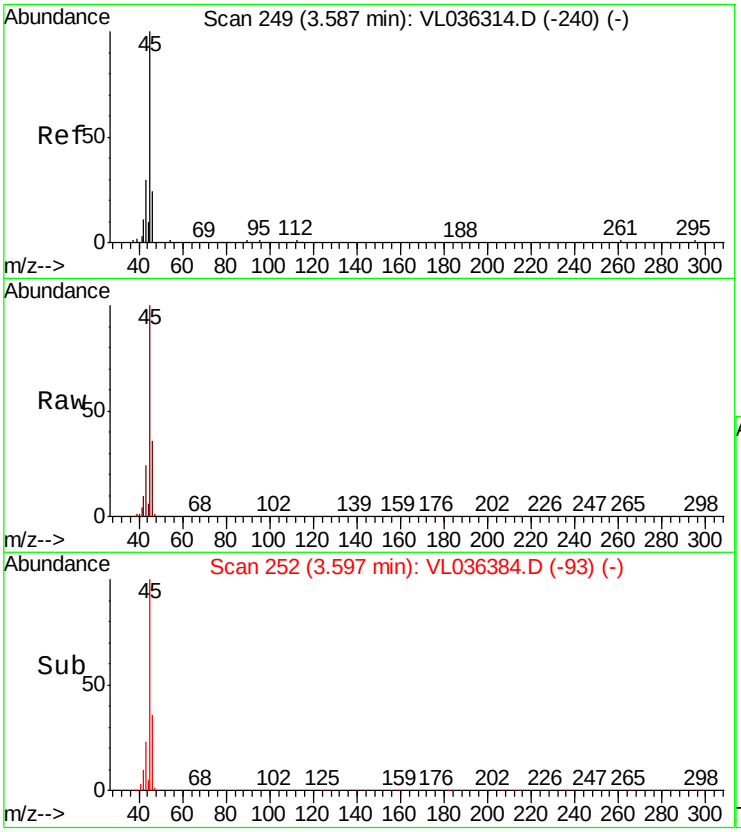


#10
Heptane
Concen: 0.069 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 43 Resp: 15178

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.4	59.2#



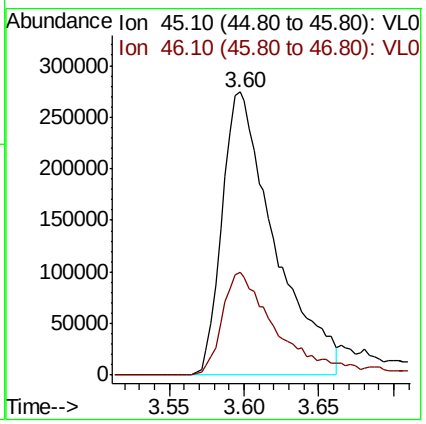


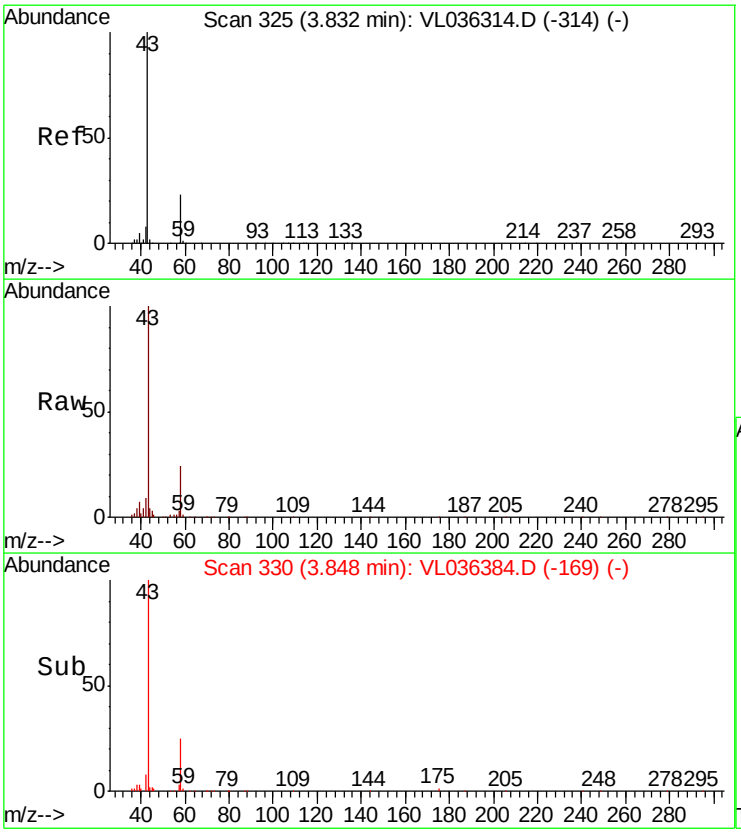
#13
Ethanol
Concen: 47.985 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 670698

Ion	Ratio	Lower	Upper
45	100		
46	40.1	17.7	70.7

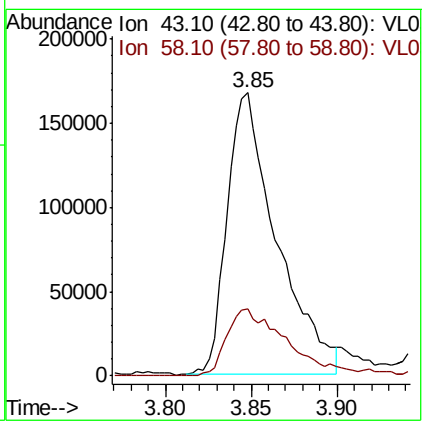


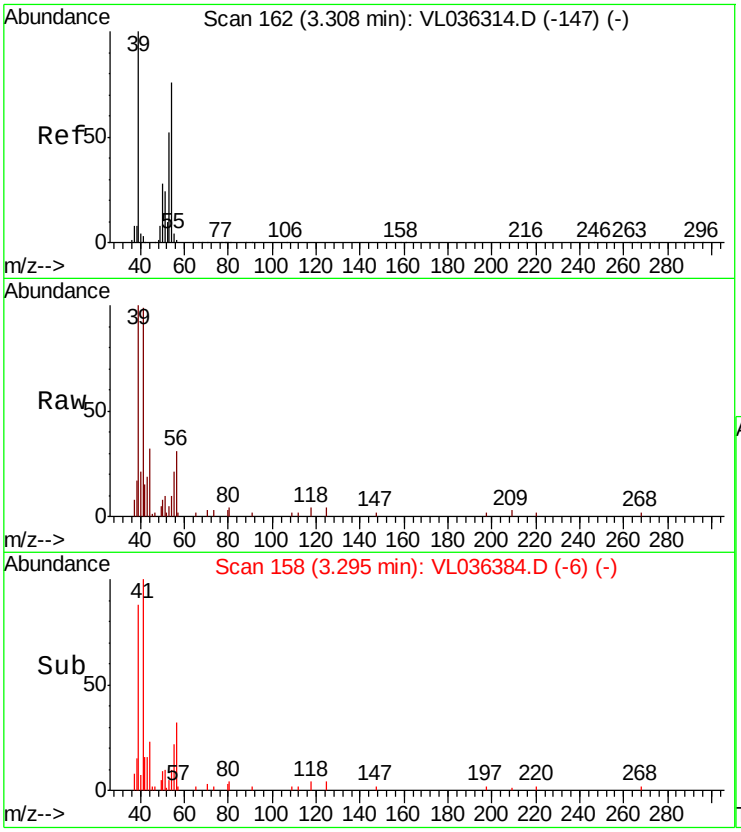


#15
Acetone
Concen: 1.700 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 43 Resp: 333865

Ion	Ratio	Lower	Upper
43	100		
58	29.6	20.3	30.5



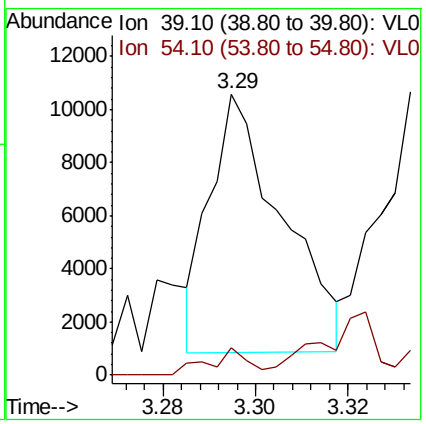


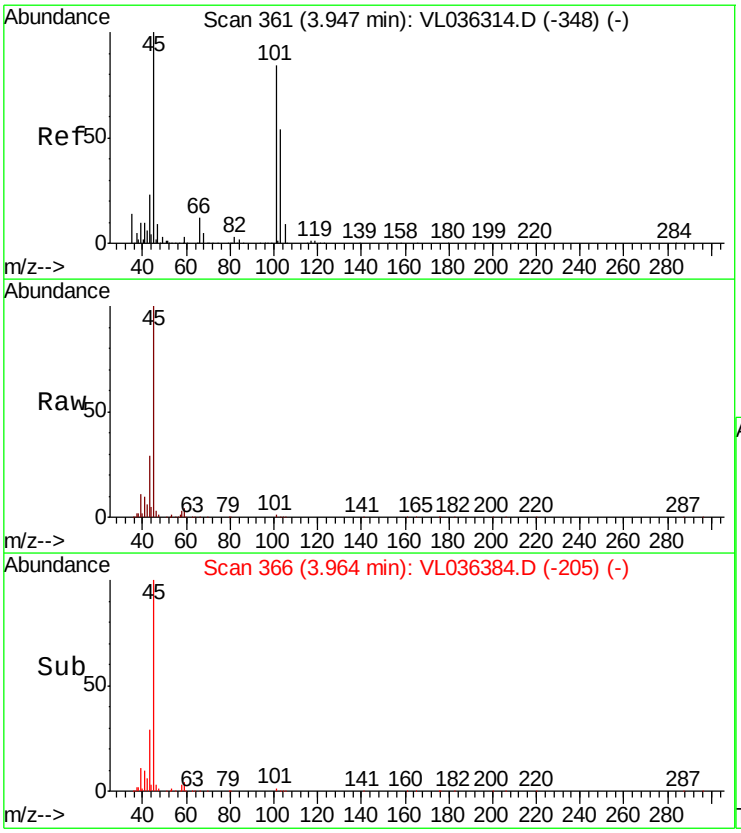
#16
1,3-Butadiene
Concen: 0.112 ppbv
RT: 3.29 min Scan# 158
Delta R.T. -0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 10509

Ion	Ratio	Lower	Upper
39	100		
54	0.0	64.4	96.6#

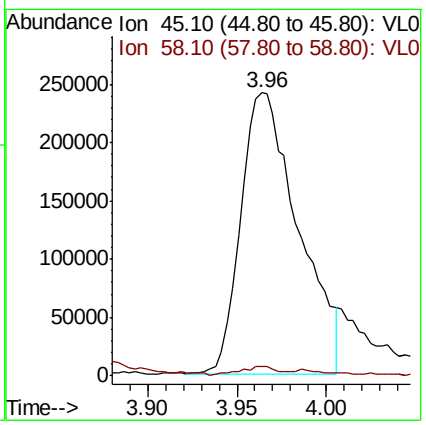


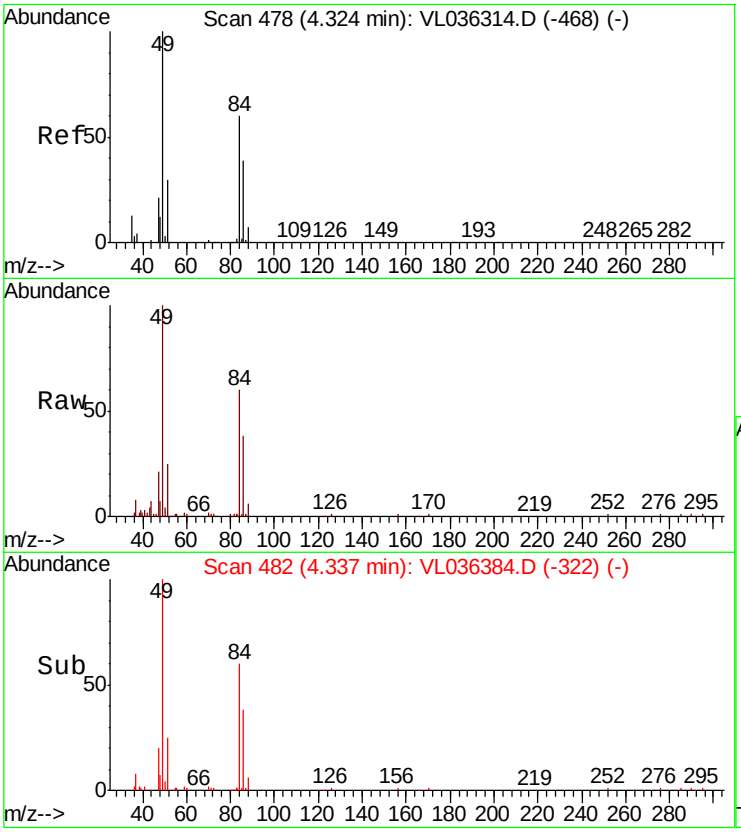


#19
Isopropyl Alcohol
Concen: 5.039 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 45 Resp: 548164

Ion	Ratio	Lower	Upper
45	100		
58	3.7	1.9	2.9#



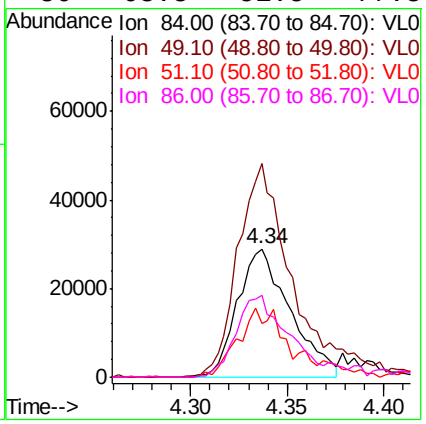


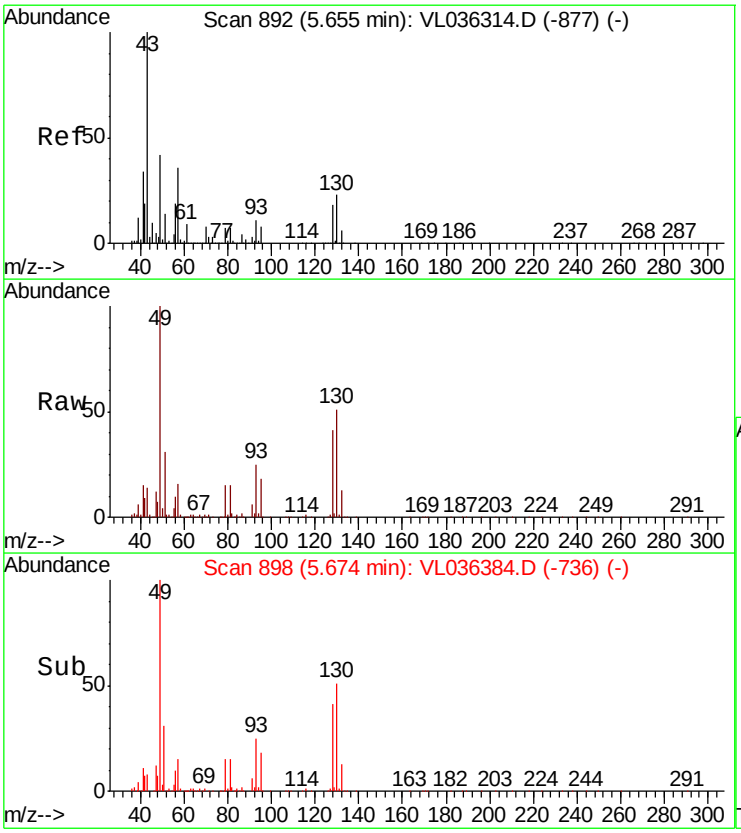
#20
Methylene Chloride
Concen: 0.863 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 54656

Ion	Ratio	Lower	Upper
84	100		
49	165.6	133.8	200.8
51	42.0	41.4	62.0
86	63.8	51.5	77.3

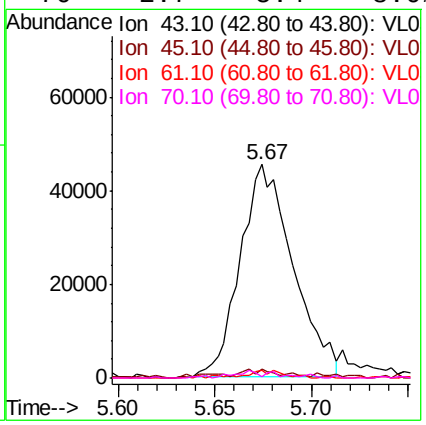


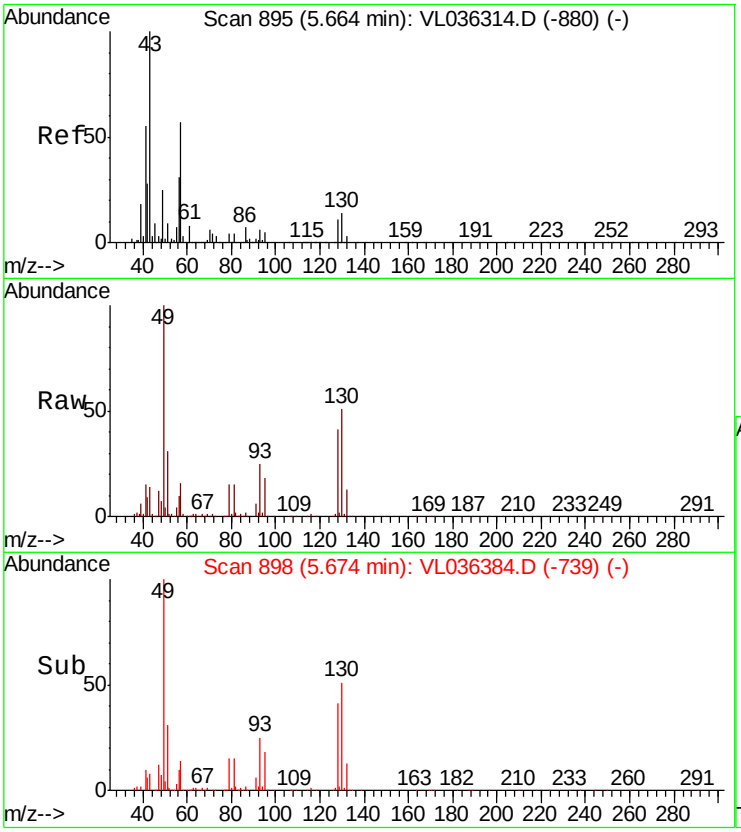


#25
Ethyl Acetate
Concen: 0.228 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 43 Resp: 86246

Ion	Ratio	Lower	Upper
43	100		
45	4.8	8.3	12.5#
61	2.9	7.3	10.9#
70	2.7	5.4	8.0#



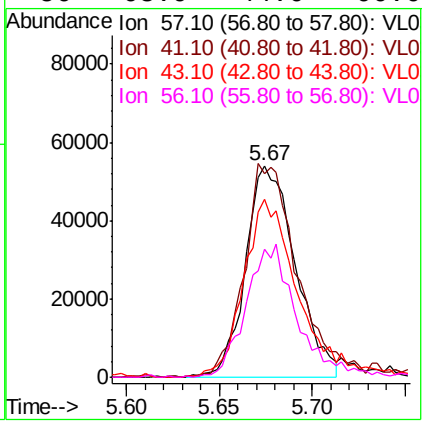


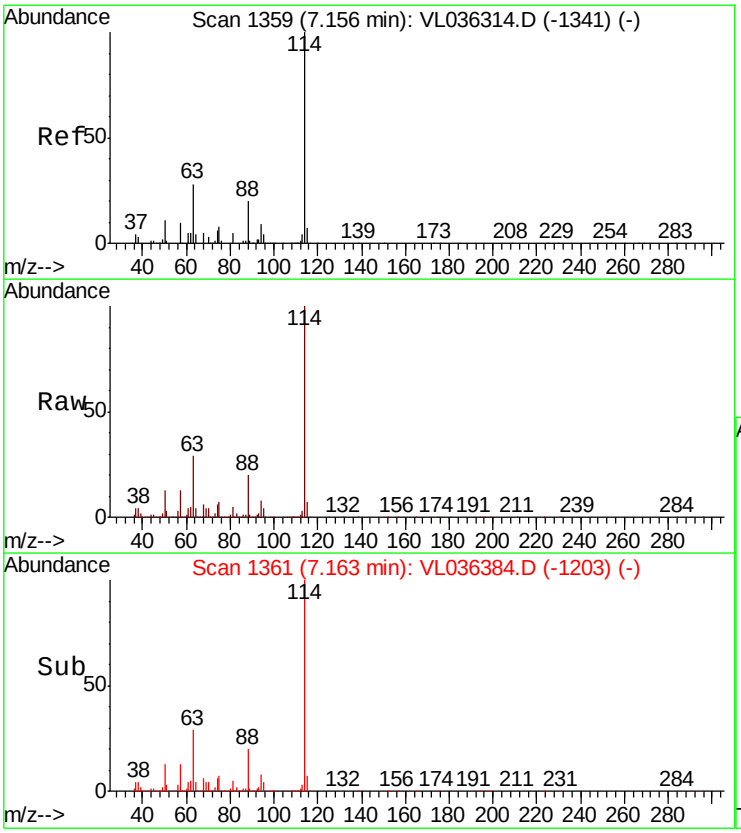
#26
Hexane
Concen: 0.646 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 100606

Ion	Ratio	Lower	Upper
57	100		
41	113.9	81.7	122.5
43	94.2	199.1	298.7#
56	63.9	44.0	66.0

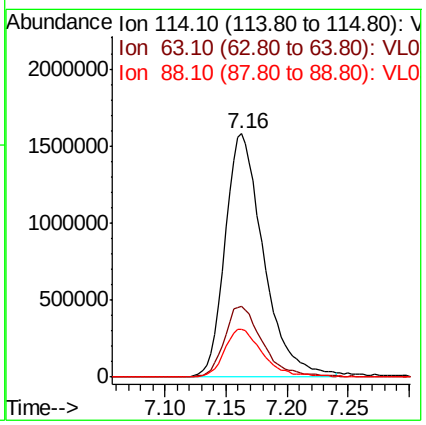


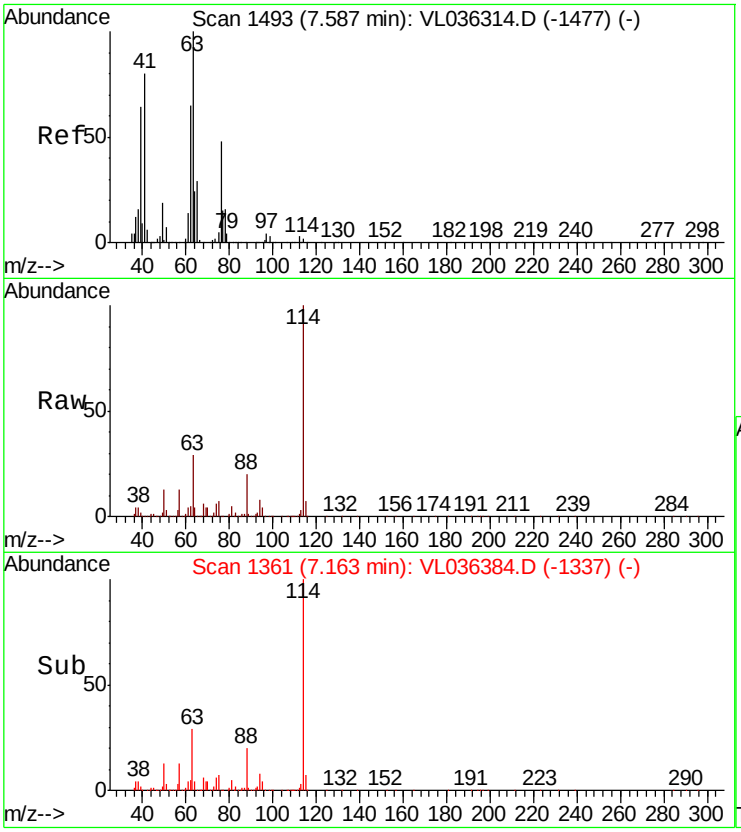


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion:114 Resp: 3461824

Ion	Ratio	Lower	Upper
114	100		
63	29.4	24.1	36.1
88	20.0	16.0	24.0



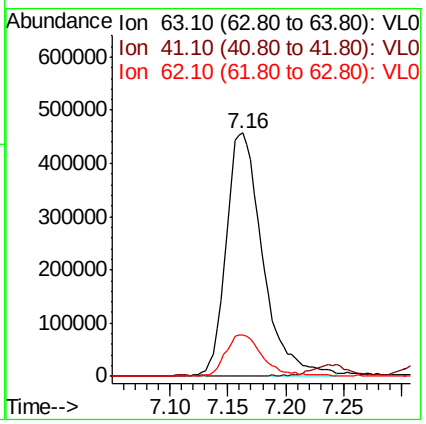


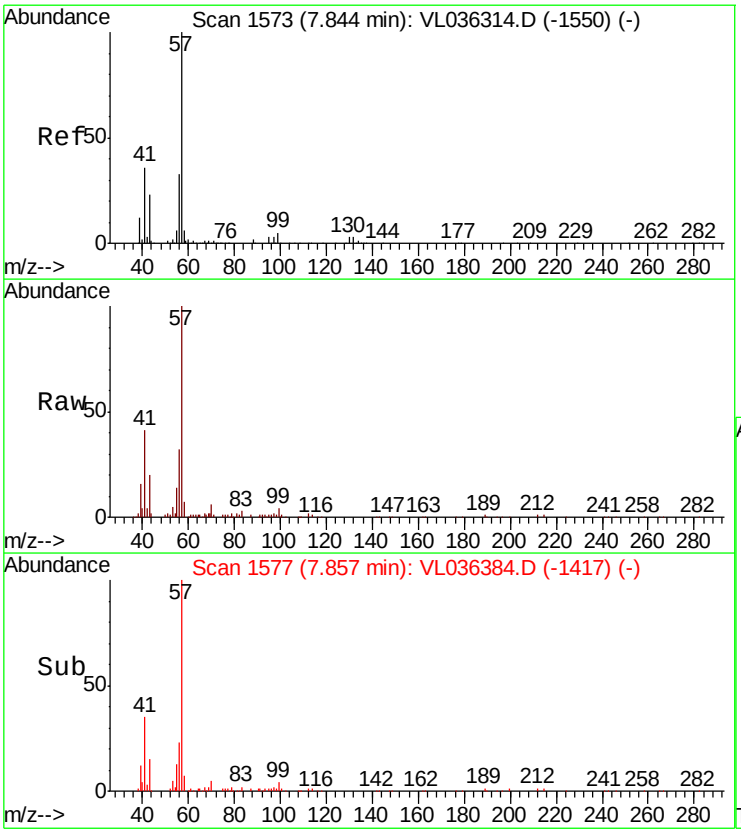
#39
1,2-Dichloropropane
Concen: 8.362 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.42 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 998847

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.8	95.6#
62	17.1	52.3	78.5#

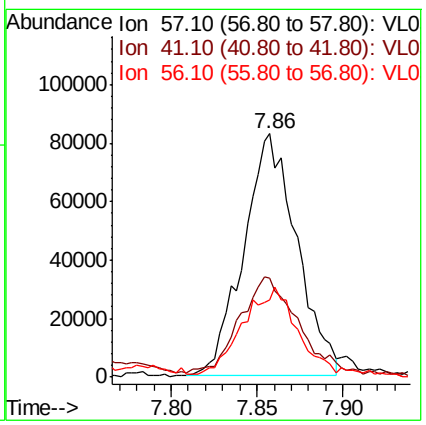


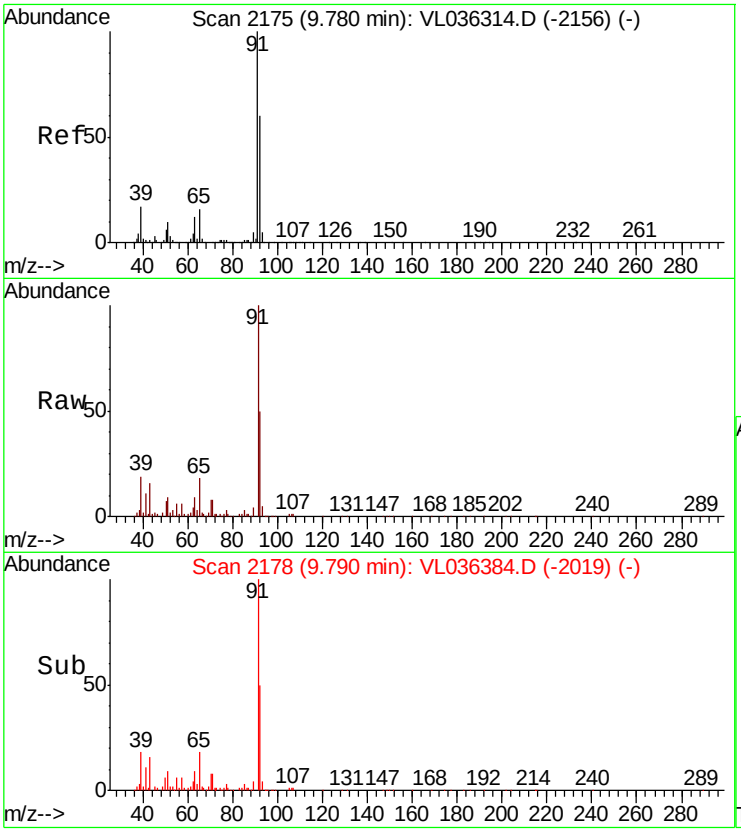


#44
2,2,4-Trimethylpentane
Concen: 0.334 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 57 Resp: 178605

Ion	Ratio	Lower	Upper
57	100		
41	45.9	28.8	43.2#
56	40.4	25.8	38.6#



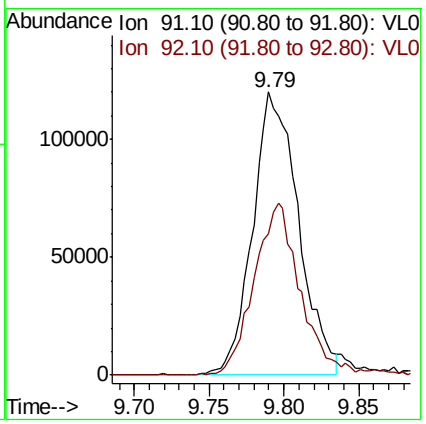


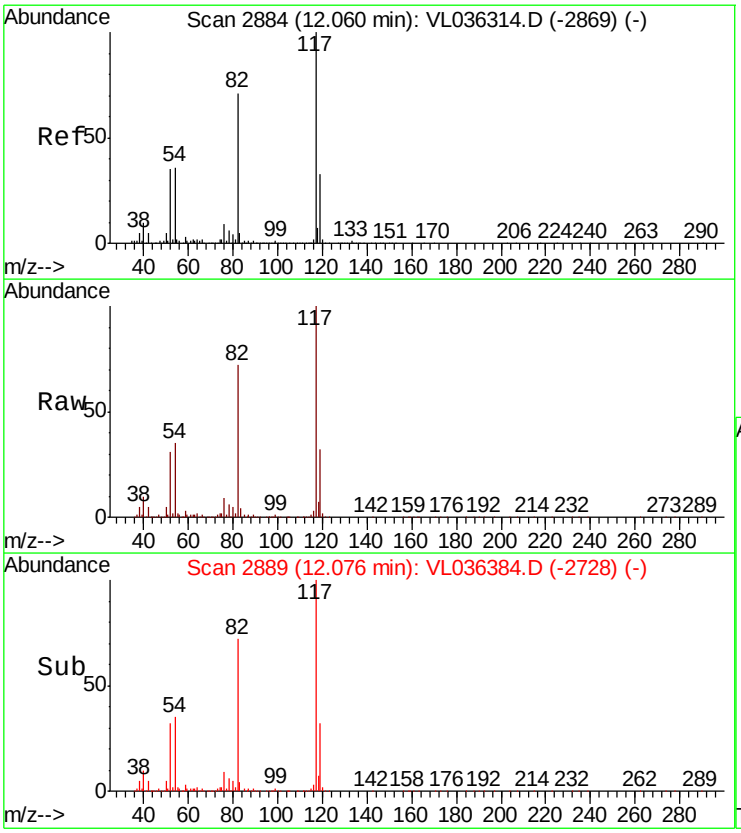
#53
Toluene
Concen: 0.801 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 255183

Ion	Ratio	Lower	Upper
91	100		
92	63.0	48.6	72.8

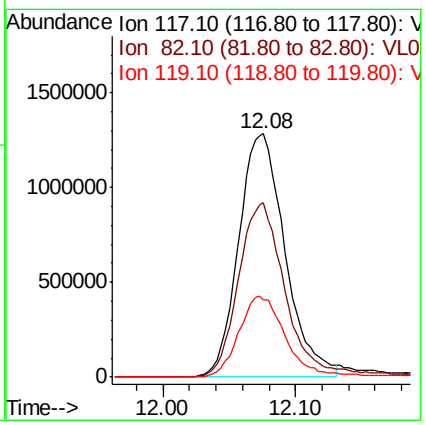


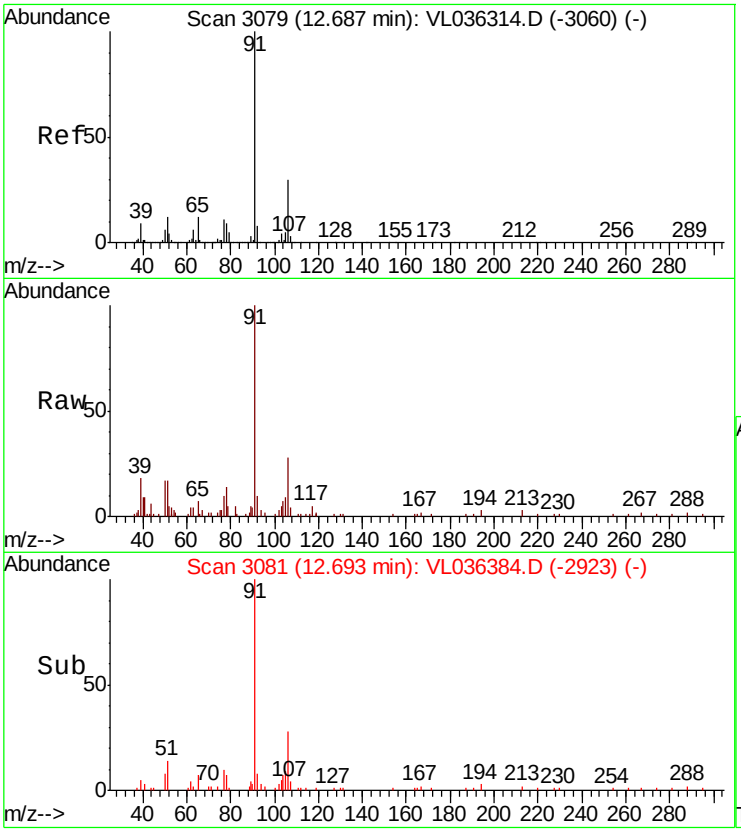


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion:117 Resp: 3126080

Ion	Ratio	Lower	Upper
117	100		
82	74.7	59.1	88.7
119	34.0	46.3	69.5#



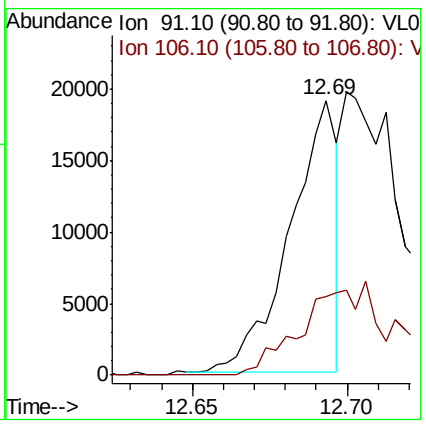


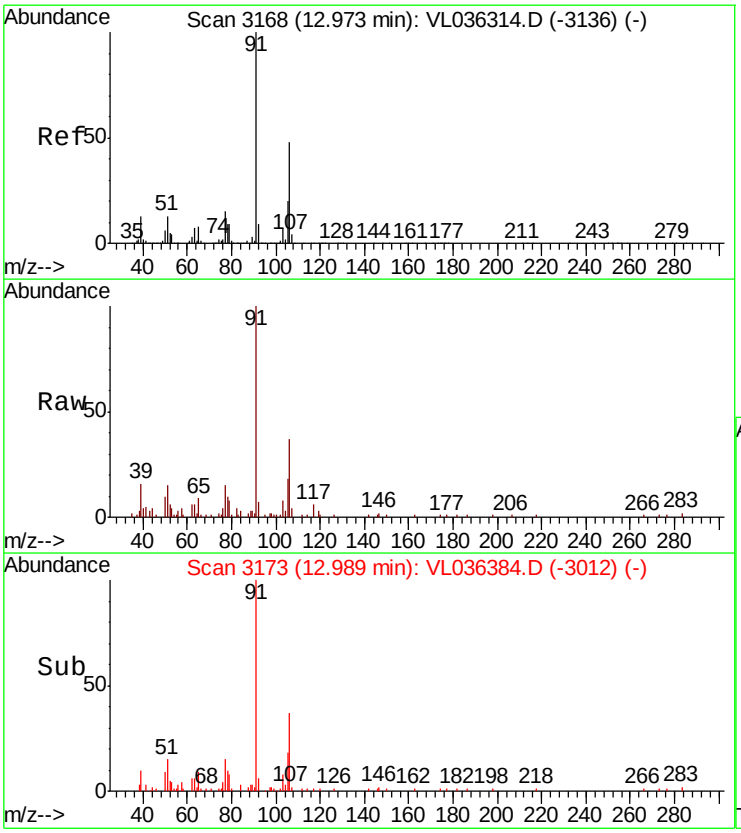
#58
Ethyl Benzene
Concen: 0.047 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 19975

Ion	Ratio	Lower	Upper
91	100		
106	28.8	23.8	35.6

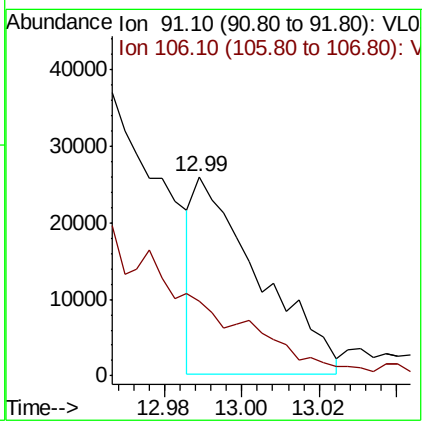


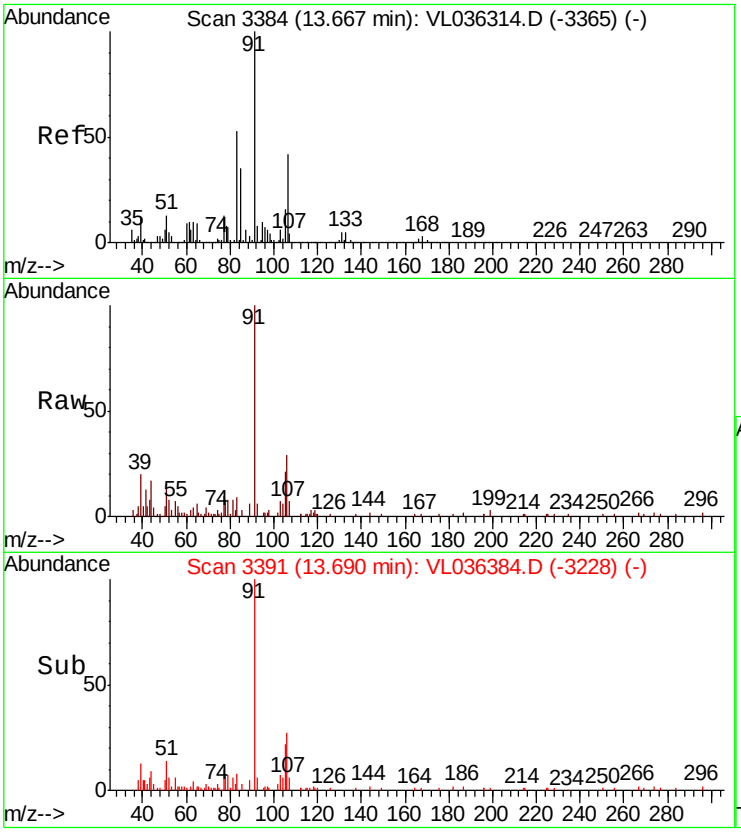


#59
m/p-Xylene
Concen: 0.080 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 91 Resp: 29977

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.2	51.2#



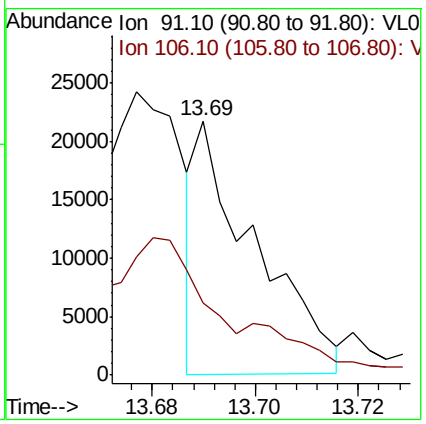


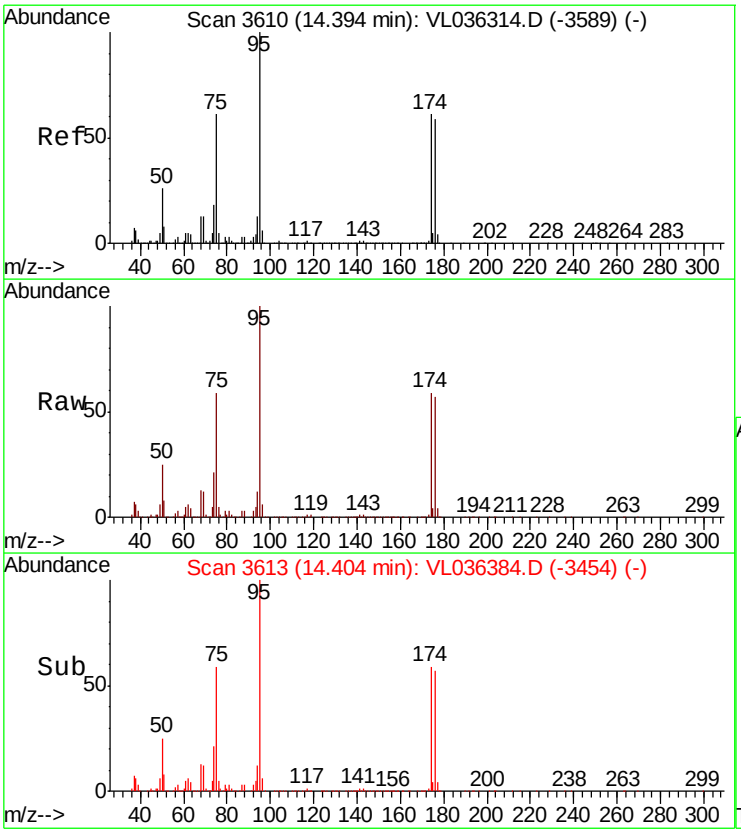
#60
o-Xylene
Concen: 0.048 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 17220

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.0	66.0#

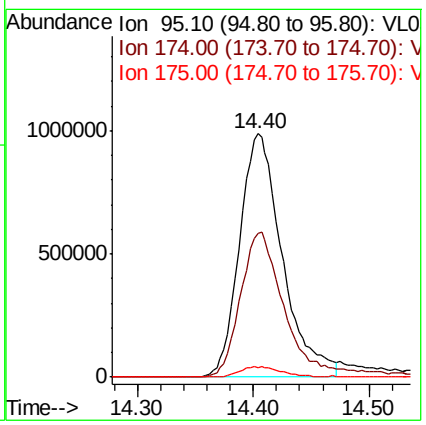


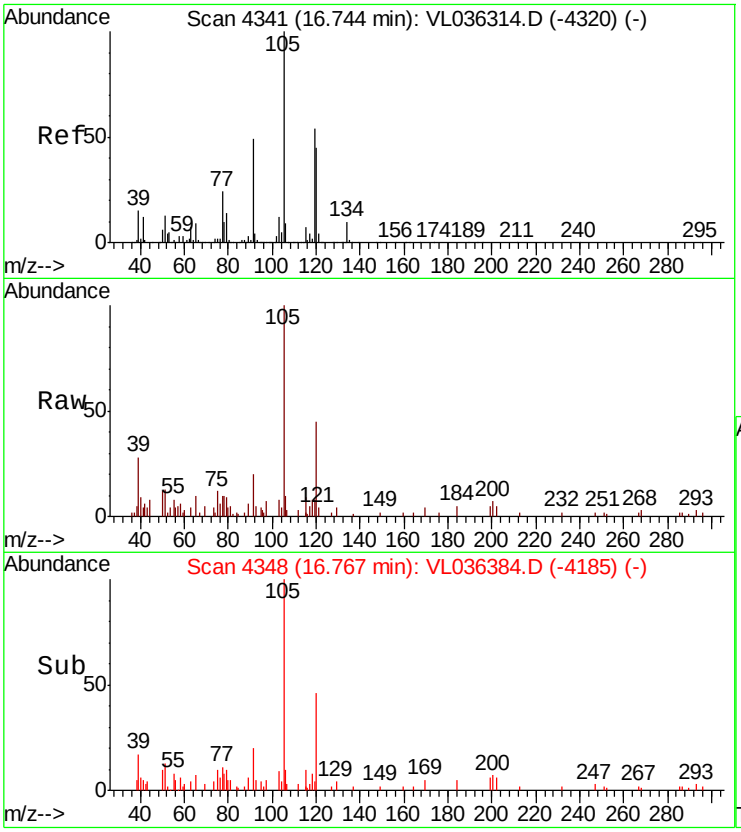


#68
1-Bromo-4-Fluorobenzene
Concen: 9.838 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Tgt Ion: 95 Resp: 2530483

Ion	Ratio	Lower	Upper
95	100		
174	64.7	49.8	74.6
175	4.6	3.7	5.5





#74
1,2,4-Trimethylbenzene
Concen: 0.032 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.02 min
Lab File: VL036384.D
Acq: 25 Feb 2021 16:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 12682

Ion	Ratio	Lower	Upper
105	100		
120	56.0	35.8	53.6#
91	23.2	39.8	59.6#
77	0.0	19.1	28.7#