Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035839.D
Acq On : 4 Nov 2020 18:48
Operator : SY/AP
Sample : L4610-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 05 02:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1002585	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.14	114	4581190	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.05	117	4133103	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	2932153	9.99	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.96	51	5449	0.045	ppbv		91
9) Propene	2.99	41	123282	2.805	ppbv	#	80
13) Ethanol	3.59	45	3298	0.346	ppbv	#	35
15) Acetone	3.83	43	432354	4.034	ppbv		97
16) 1,3-Butadiene	3.29	39	52666	1.141	ppbv	#	14
20) Methylene Chloride	4.32	84	65568	0.869	ppbv		98
25) Ethyl Acetate	5.65	43	12828	0.061	ppbv	#	74
26) Hexane	5.65	57	44954	0.386	ppbv	#	43
29) Chloroform	5.72	83	9755	0.043	ppbv	#	76
34) 2-Butanone	5.23	43	9484	0.064	ppbv	#	29
36) Benzene	6.86	78	19472	0.057	ppbv		98
39) 1,2-Dichloropropane	7.14	63	827454	7.216	ppbv	#	30
52) Tetrachloroethene	11.19	164	33011	0.205	ppbv		95
53) Toluene	9.77	91	70615	0.172	ppbv		97
58) Ethyl Benzene	12.68	91	29543	0.059	ppbv		98
59) m/p-Xylene	12.94	91	42651	0.100	ppbv	#	28
60) o-Xylene	13.66	91	18062	0.044	ppbv	#	45
74) 1,2,4-Trimethylbenzene	16.73	105	25752	0.052	ppbv	#	72

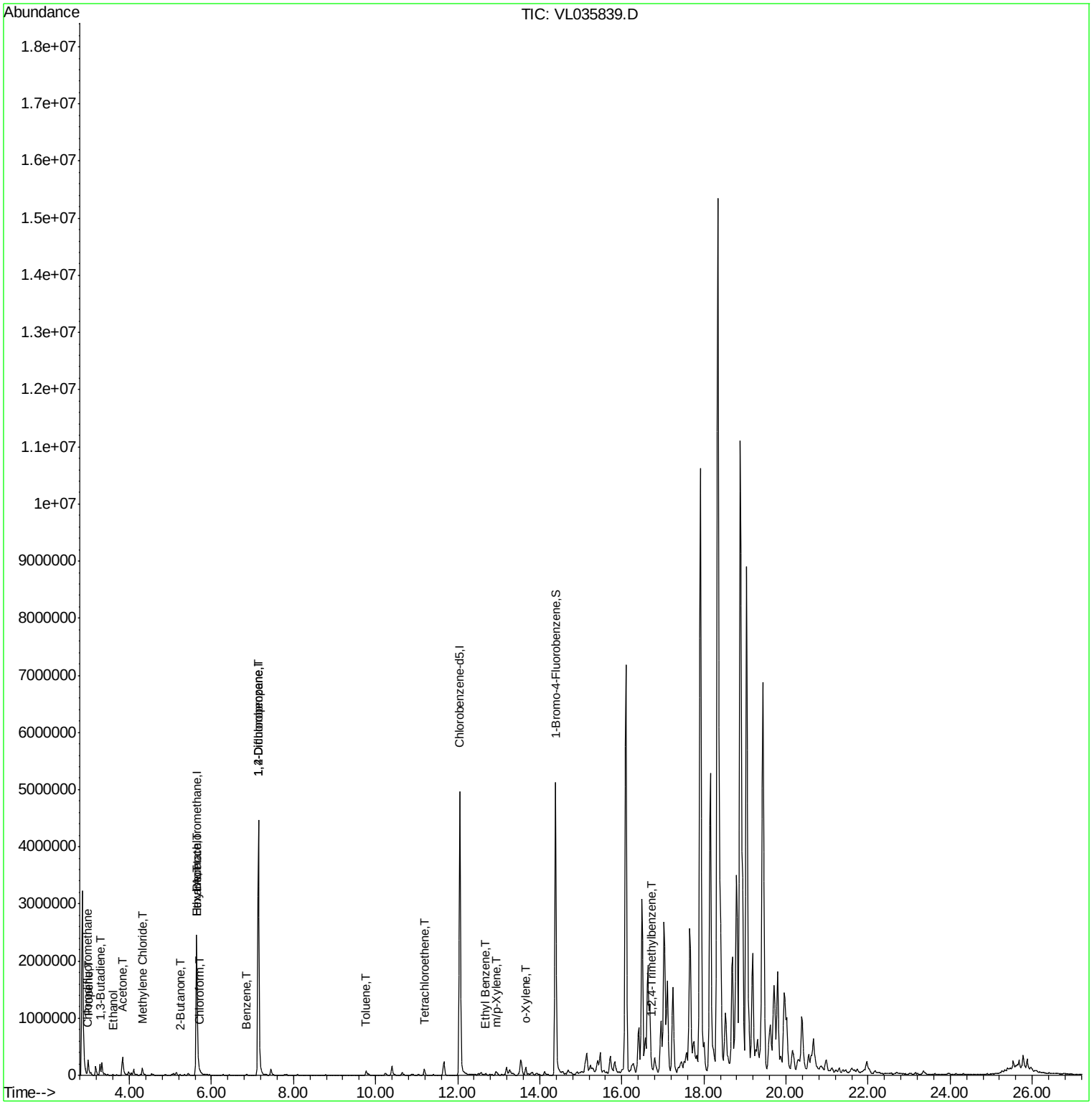
(#) = qualifier out of range (m) = manual integration (+) = signals summed

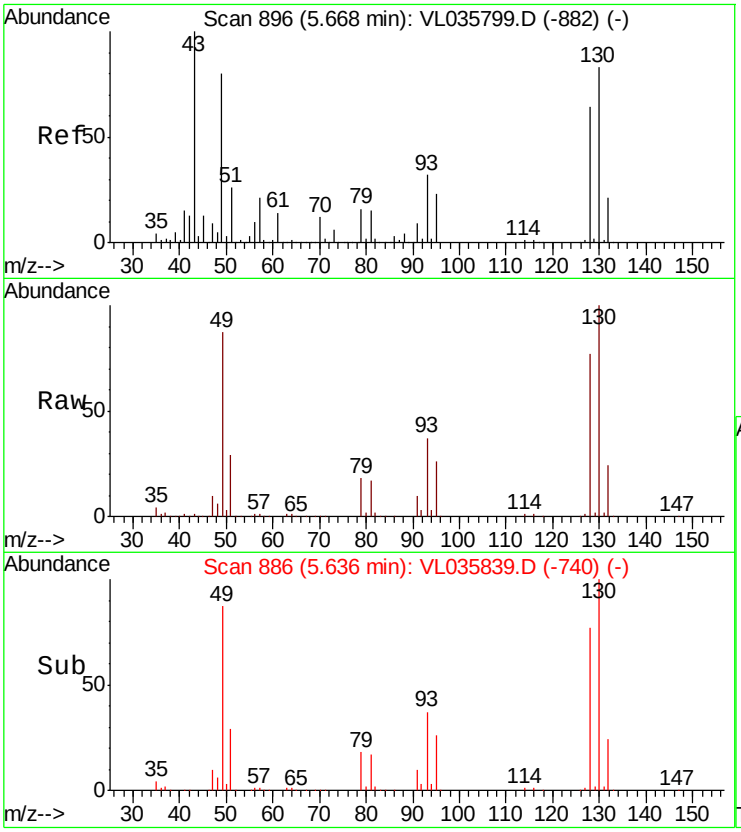
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035839.D
Acq On : 4 Nov 2020 18:48
Operator : SY/AP
Sample : L4610-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 05 02:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



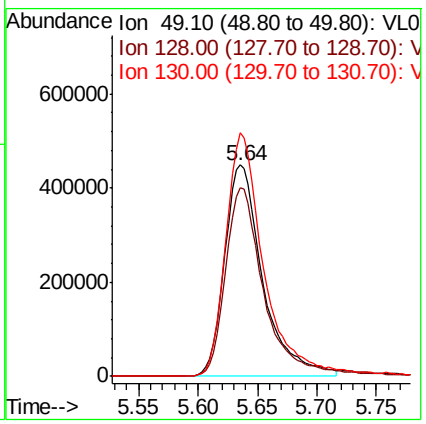


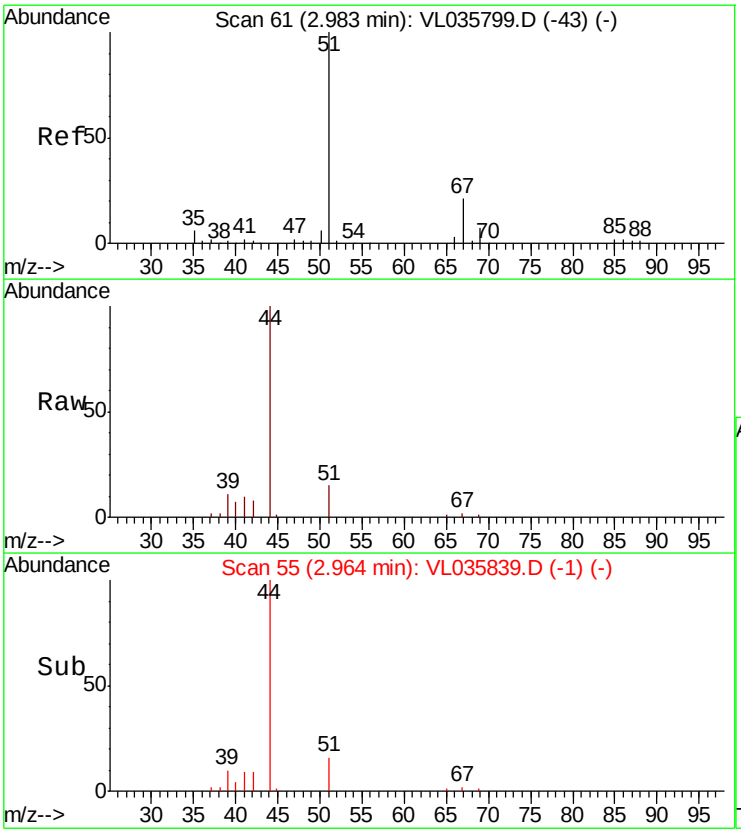
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1002585

Ion	Ratio	Lower	Upper
49	100		
128	92.1	41.5	124.6
130	118.3	53.7	161.1

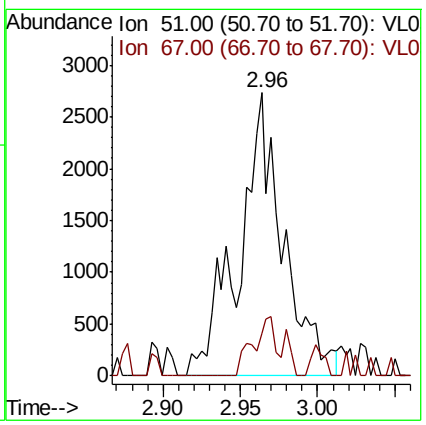


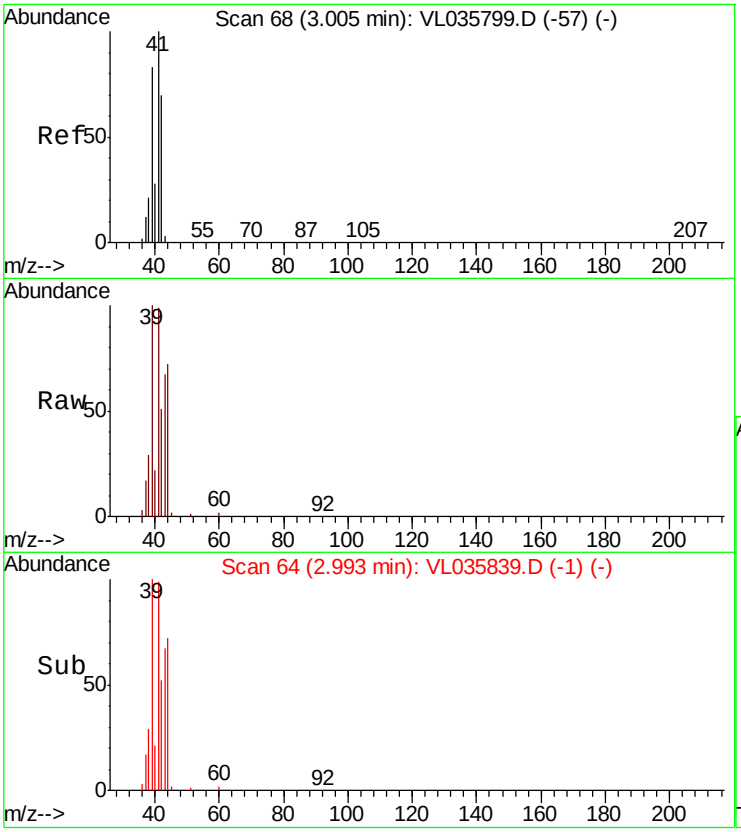


#3
Chlorodifluoromethane
Concen: 0.045 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.02 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 51 Resp: 5449

Ion	Ratio	Lower	Upper
51	100		
67	17.0	17.0	25.4



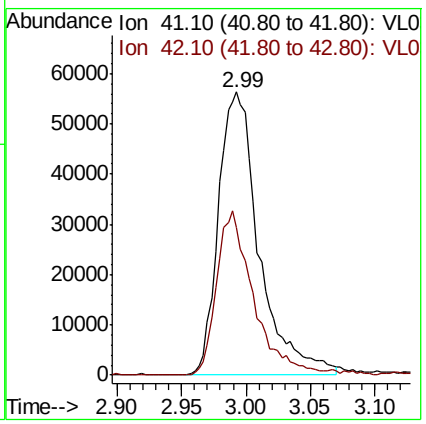


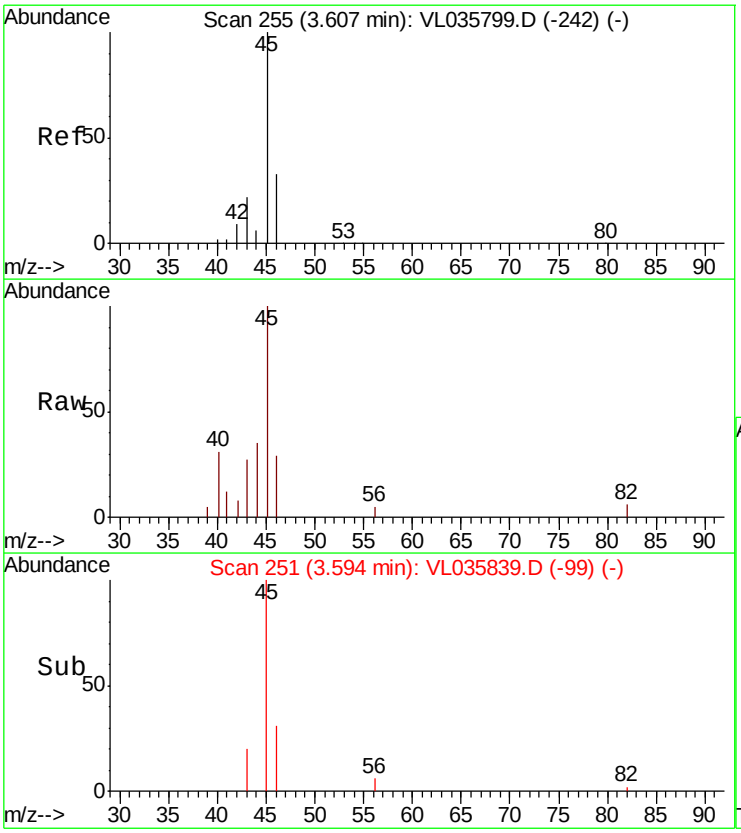
#9
Propene
Concen: 2.805 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.01 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 123282

Ion	Ratio	Lower	Upper
41	100		
42	53.6	56.2	84.4#

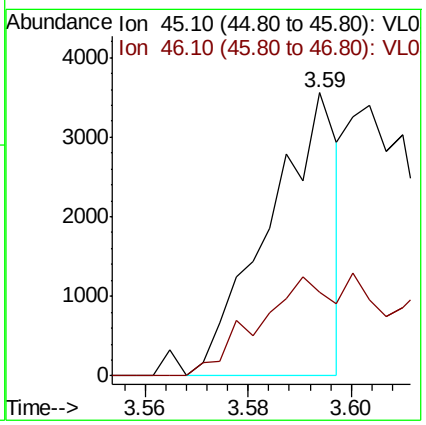


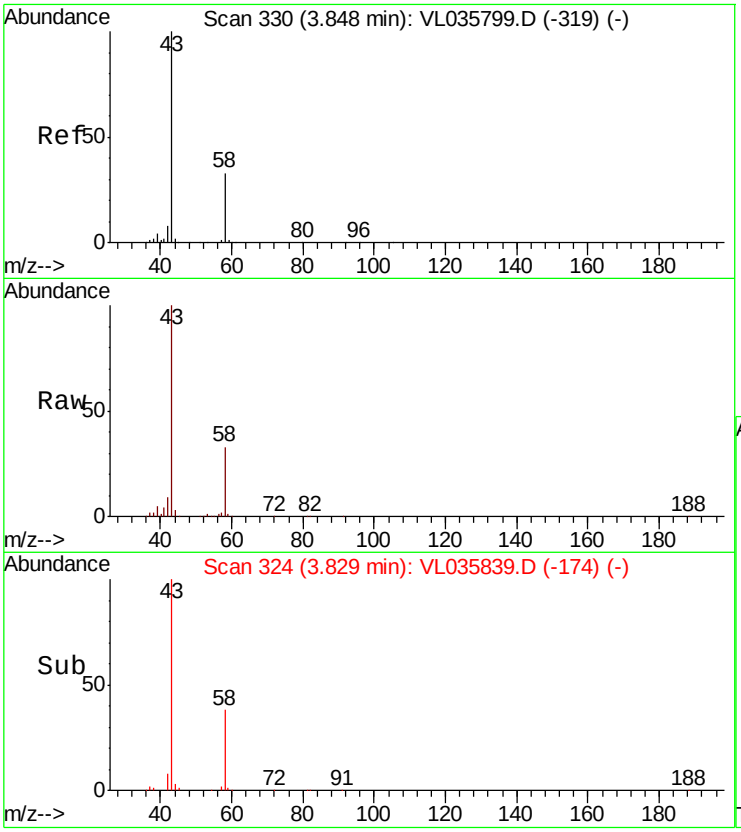


#13
Ethanol
Concen: 0.346 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 45 Resp: 3298

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.5#



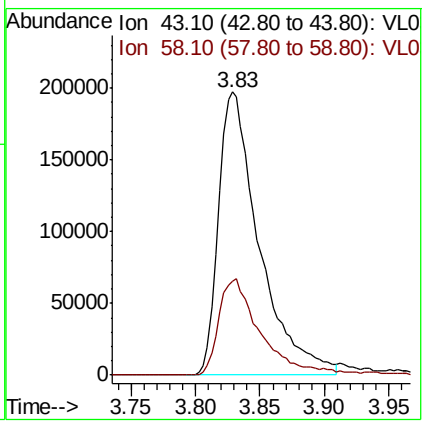


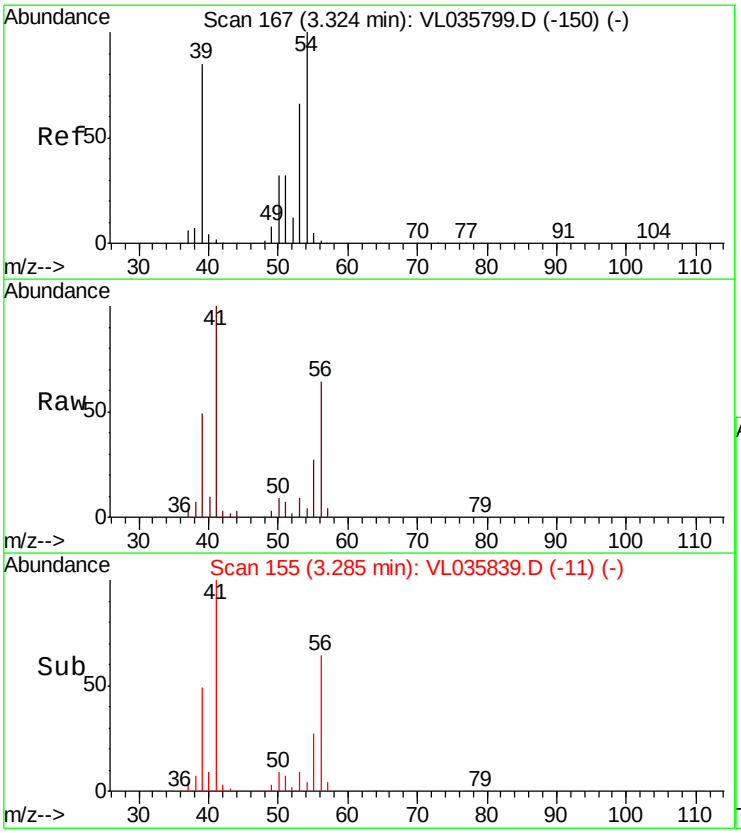
#15
Acetone
Concen: 4.034 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 432354

Ion	Ratio	Lower	Upper
43	100		
58	36.2	27.5	41.3

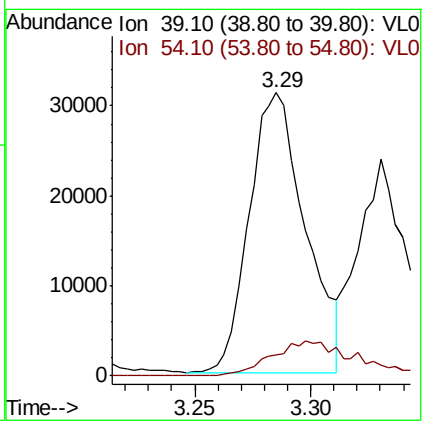


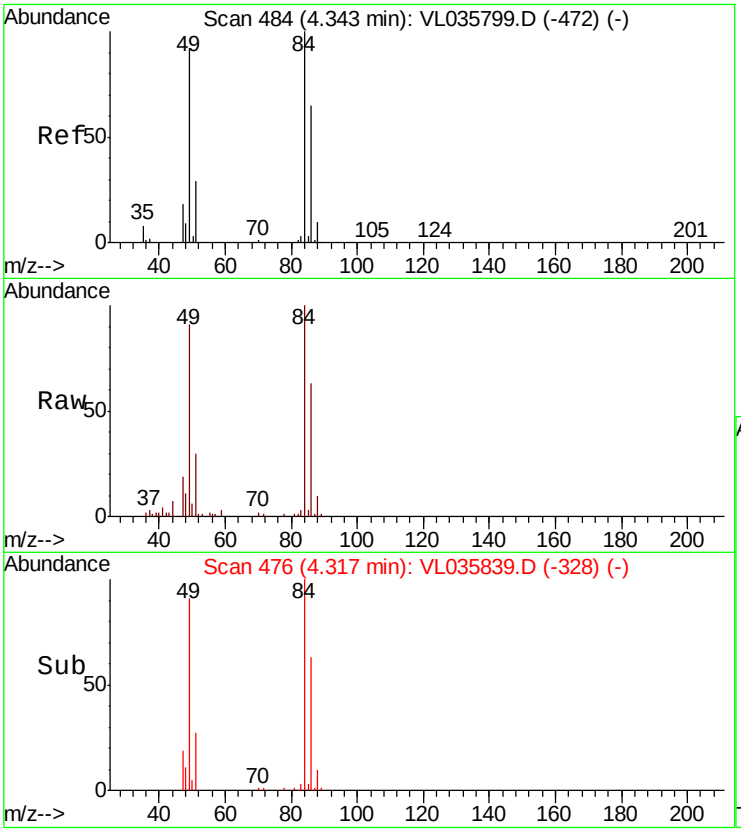


#16
1,3-Butadiene
Concen: 1.141 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 39 Resp: 52666

Ion	Ratio	Lower	Upper
39	100		
54	18.9	87.1	130.7#



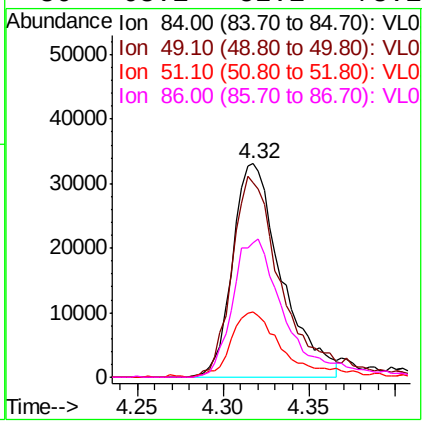


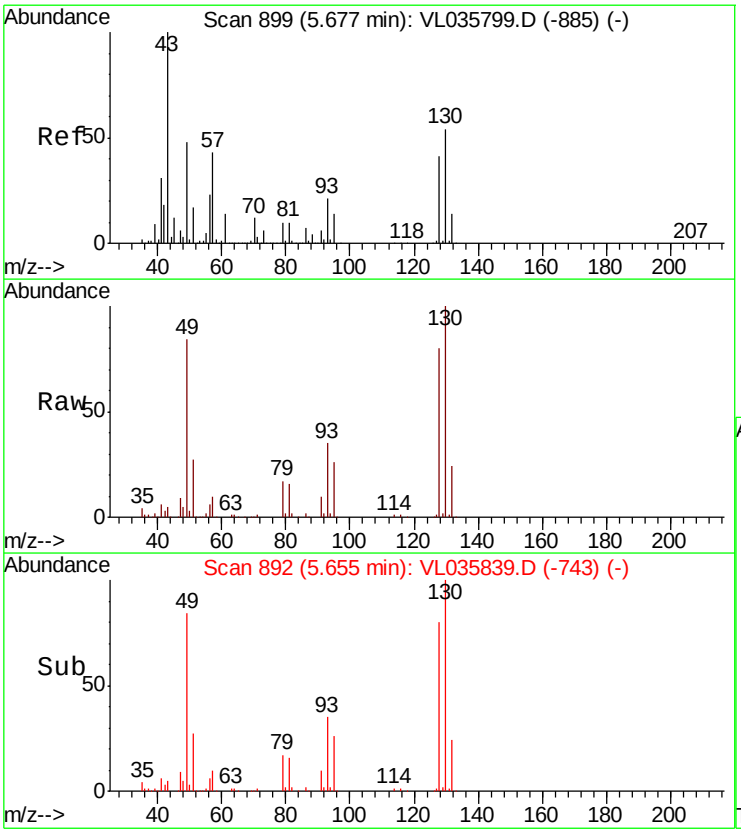
#20
Methylene Chloride
Concen: 0.869 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 65568

Ion	Ratio	Lower	Upper
84	100		
49	90.9	73.8	110.8
51	30.5	23.0	34.4
86	63.1	52.1	78.1

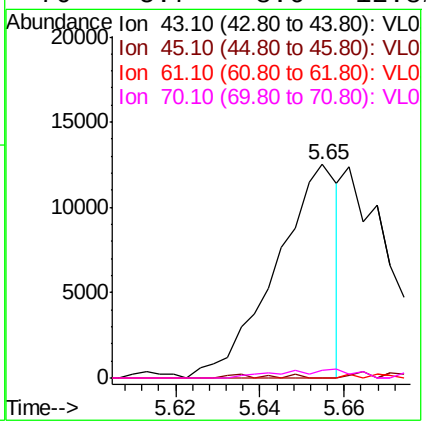


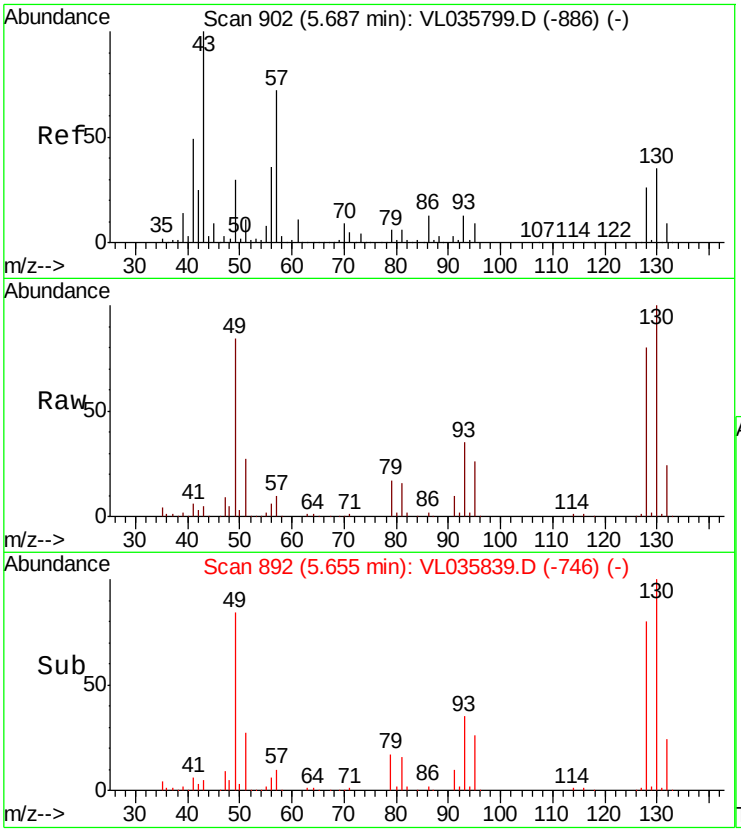


#25
Ethyl Acetate
Concen: 0.061 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 43 Resp: 12828

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.5	12.7#
61	0.0	10.7	16.1#
70	5.7	8.6	12.8#



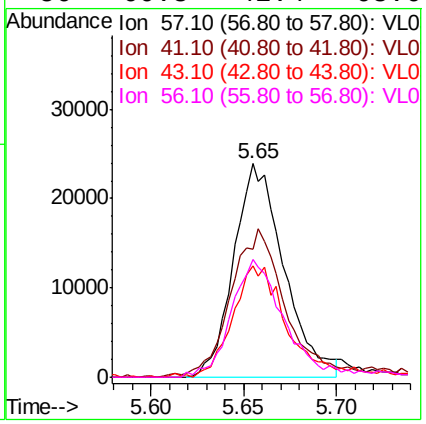


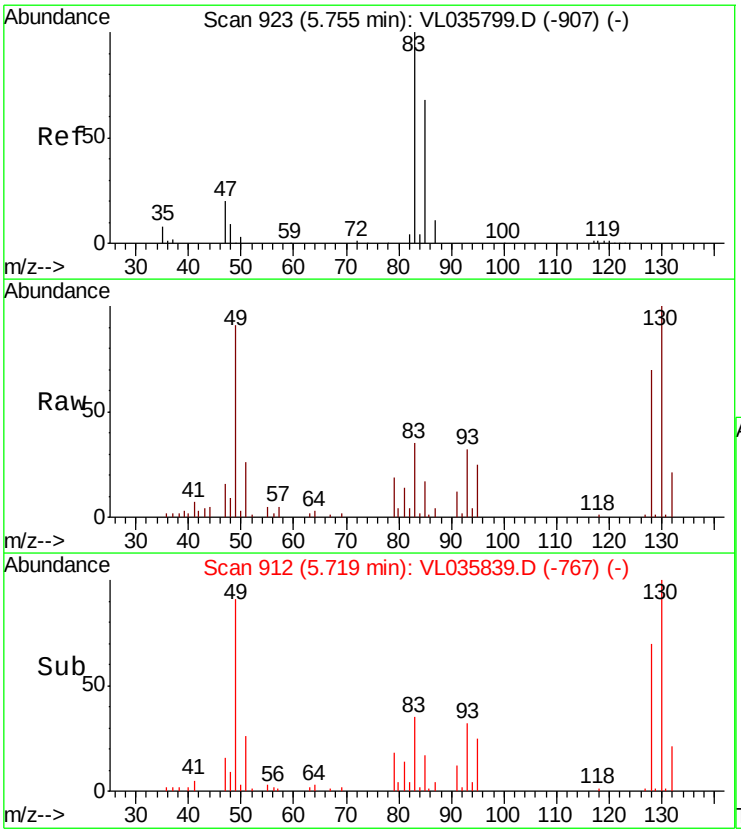
#26
Hexane
Concen: 0.386 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 44954

Ion	Ratio	Lower	Upper
57	100		
41	84.1	58.9	88.3
43	59.4	150.2	225.2#
56	60.3	42.4	63.6

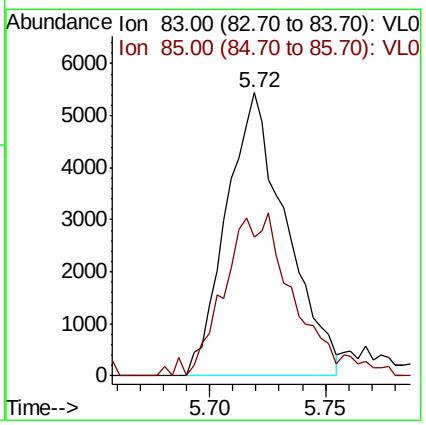


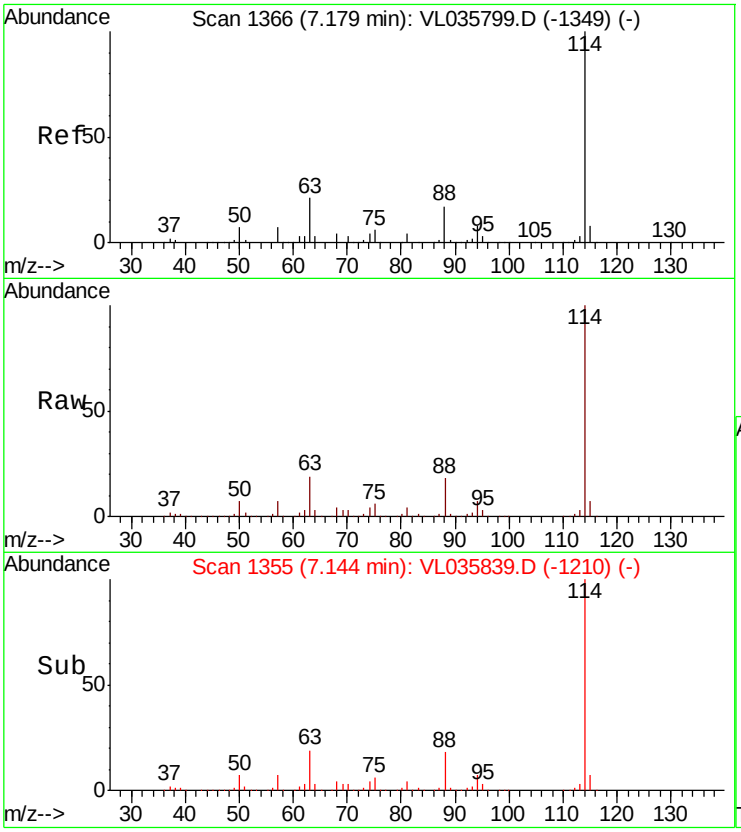


#29
Chloroform
Concen: 0.043 ppbv
RT: 5.72 min Scan# 912
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 83 Resp: 9755

Ion	Ratio	Lower	Upper
83	100		
85	48.9	54.6	81.8#



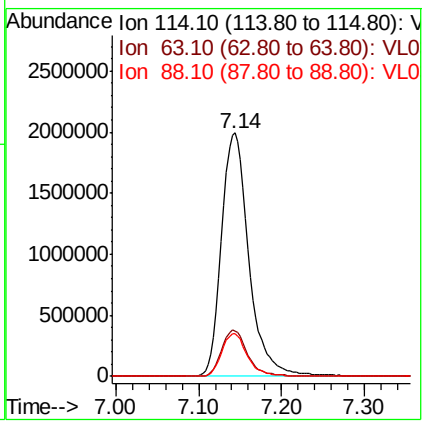


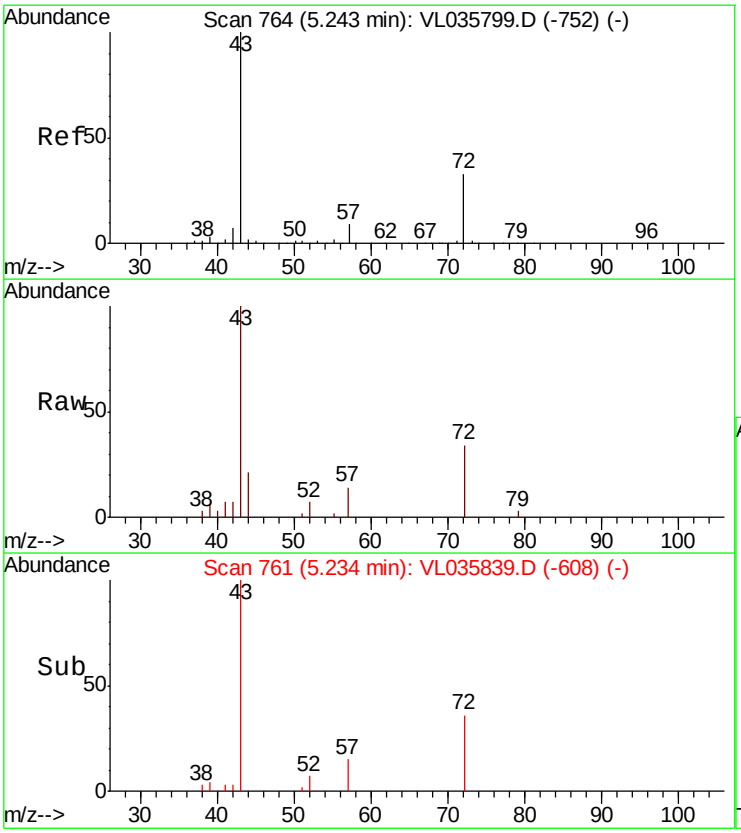
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4581190

Ion	Ratio	Lower	Upper
114	100		
63	18.2	16.1	24.1
88	16.7	13.7	20.5

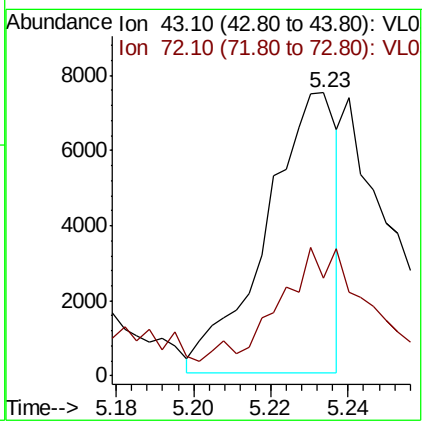


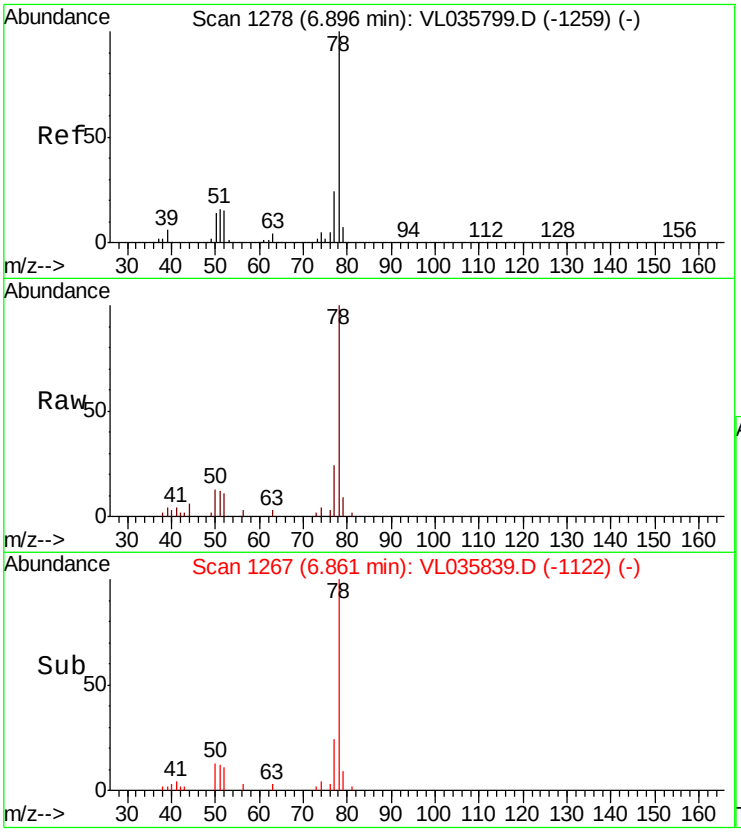


#34
2-Butanone
Concen: 0.064 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 43 Resp: 9484

Ion	Ratio	Lower	Upper
43	100		
72	73.3	26.5	39.7#



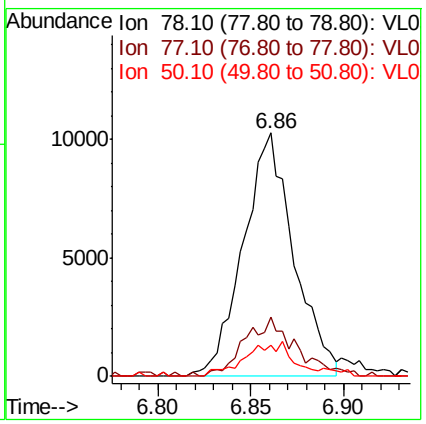


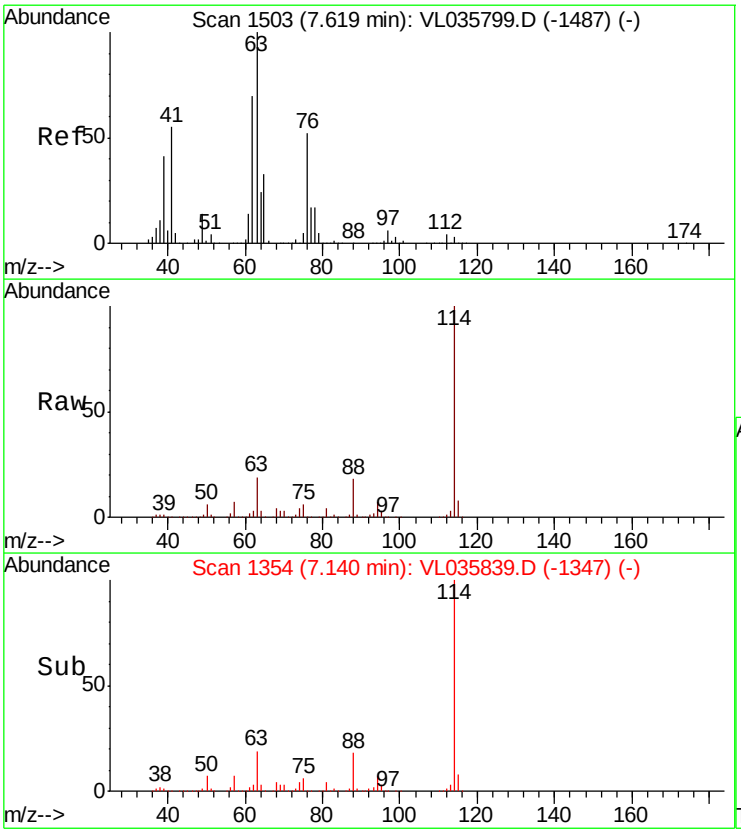
#36
Benzene
Concen: 0.057 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 19472

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9
50	12.6	11.4	17.2

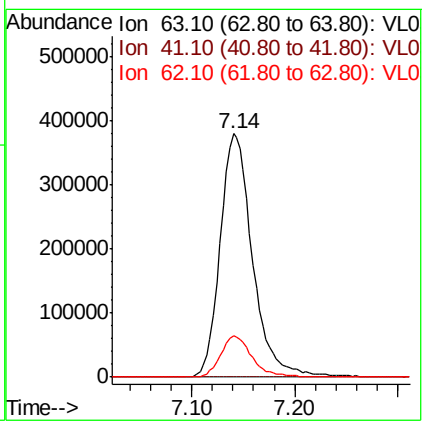


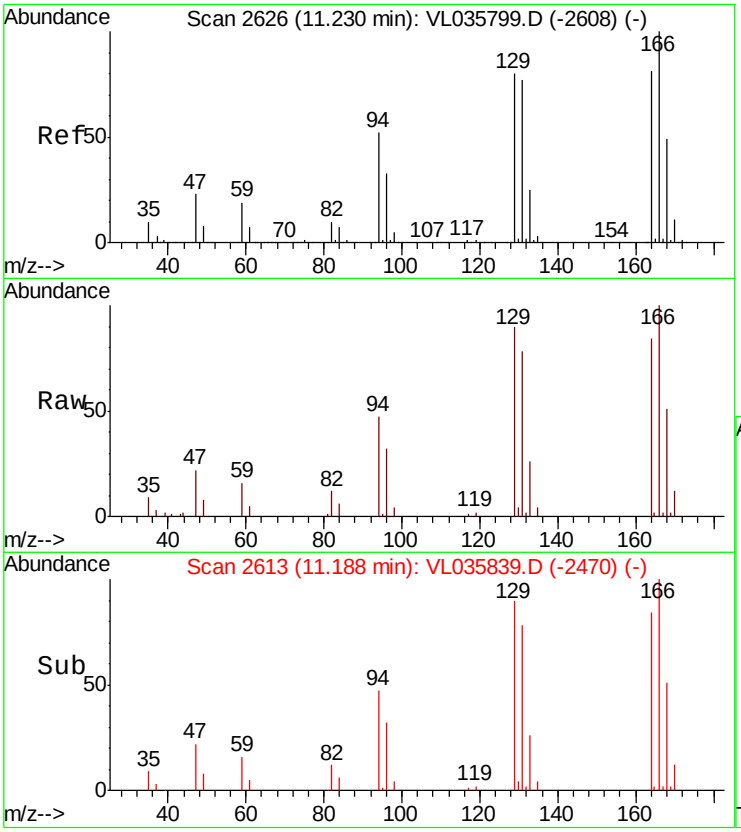


#39
1,2-Dichloropropane
Concen: 7.216 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.48 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 63 Resp: 827454

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	17.0	56.2	84.2#



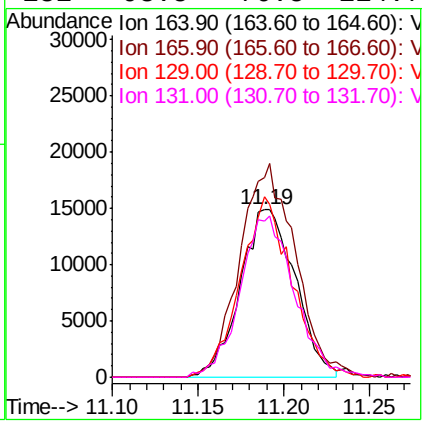


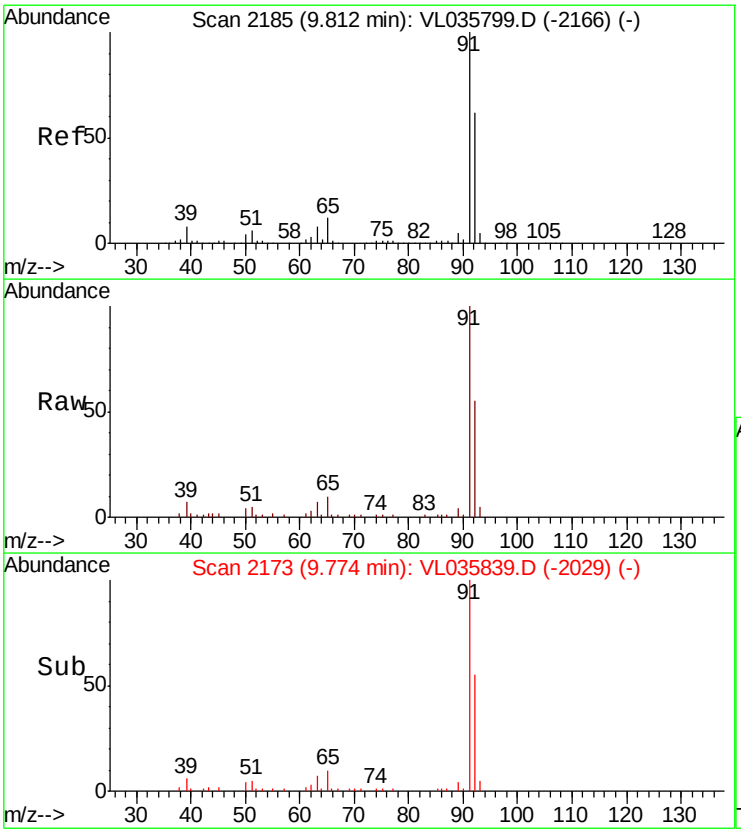
#52
Tetrachloroethene
Concen: 0.205 ppbv
RT: 11.19 min Scan# 2613
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 33011

Ion	Ratio	Lower	Upper
164	100		
166	119.4	99.3	148.9
129	107.5	79.3	118.9
131	93.5	76.5	114.7

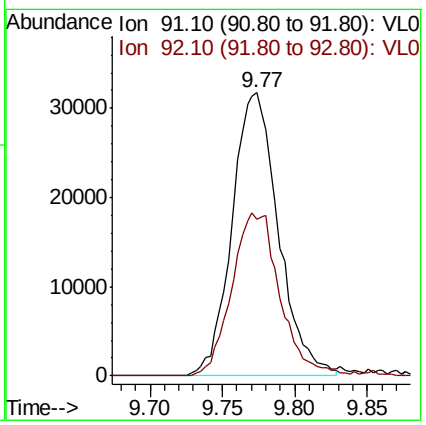


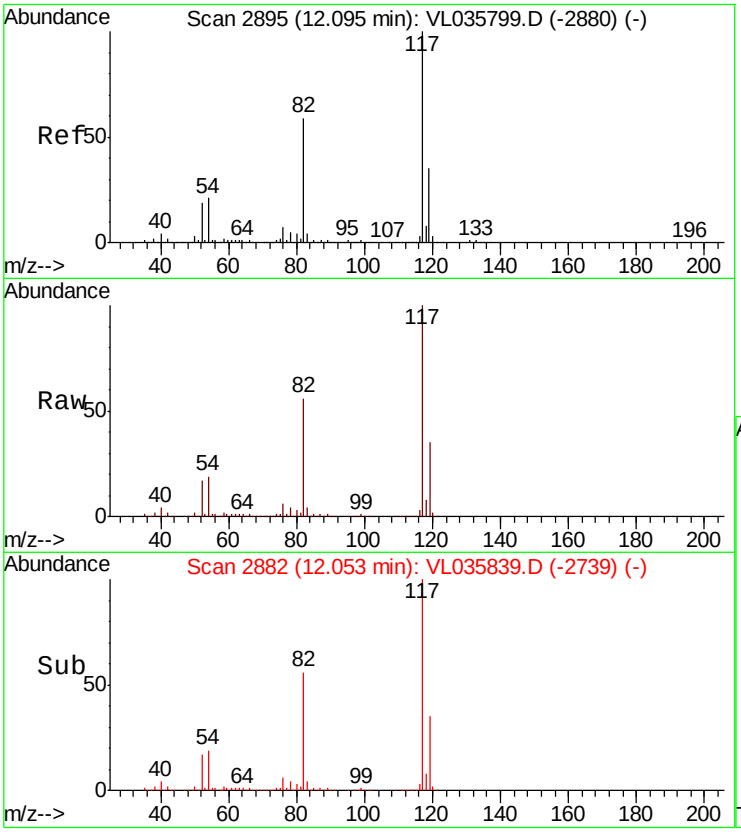


#53
Toluene
Concen: 0.172 ppbv
RT: 9.77 min Scan# 2173
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 91 Resp: 70615

Ion	Ratio	Lower	Upper
91	100		
92	59.8	49.8	74.6



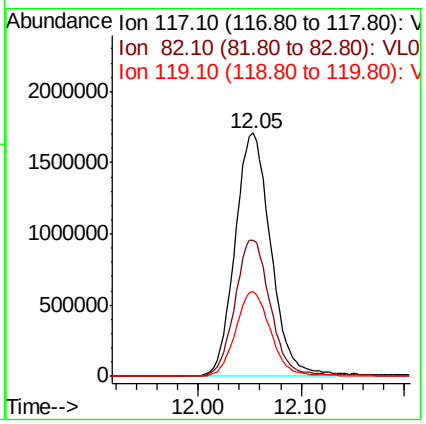


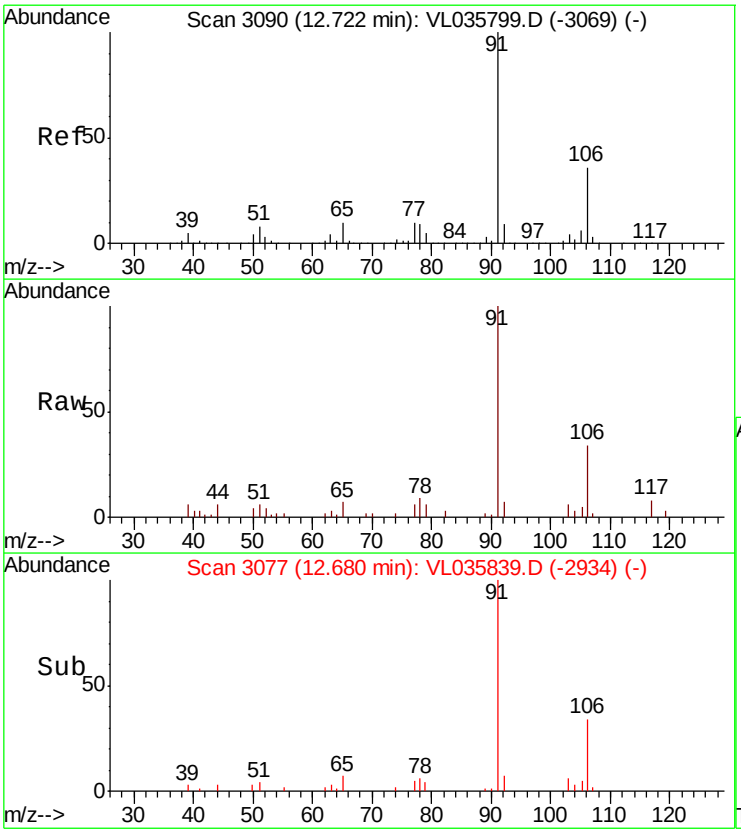
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4133103

Ion	Ratio	Lower	Upper
117	100		
82	56.7	50.6	76.0
119	34.7	52.6	78.8#

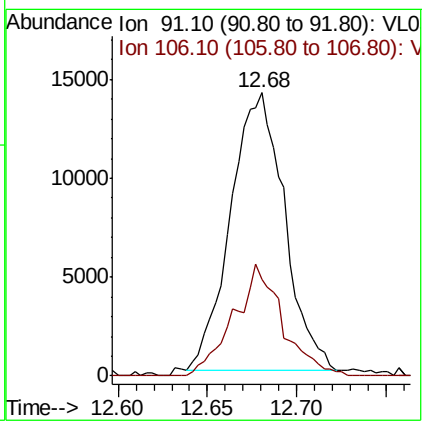


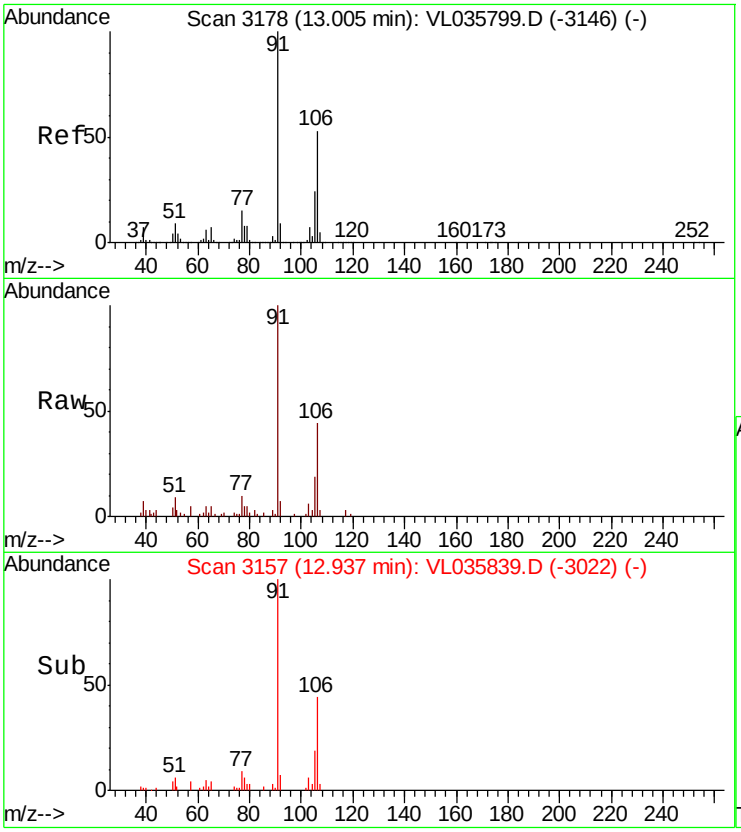


#58
Ethyl Benzene
Concen: 0.059 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 91 Resp: 29543

Ion	Ratio	Lower	Upper
91	100		
106	34.8	28.6	43.0



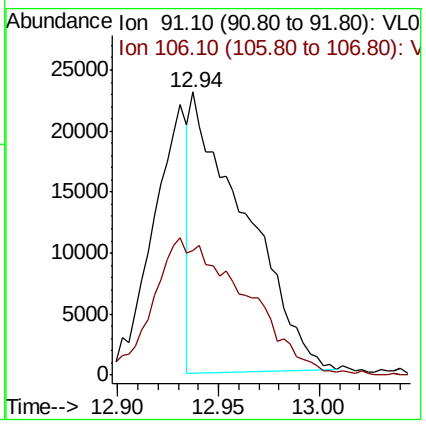


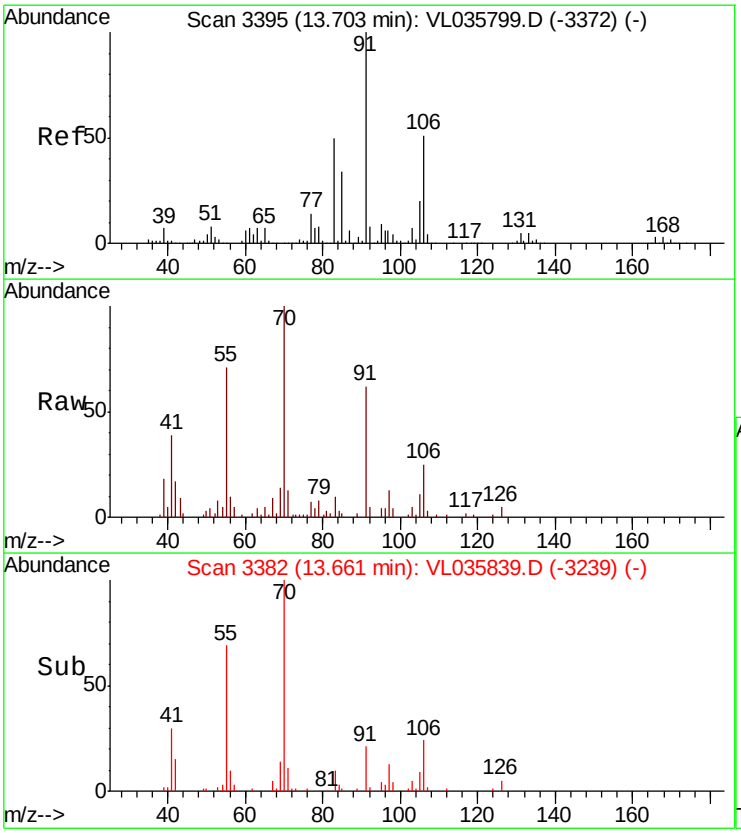
#59
m/p-Xylene
Concen: 0.100 ppbv
RT: 12.94 min Scan# 3157
Delta R.T. -0.07 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 42651

Ion	Ratio	Lower	Upper
91	100		
106	0.0	39.5	59.3#

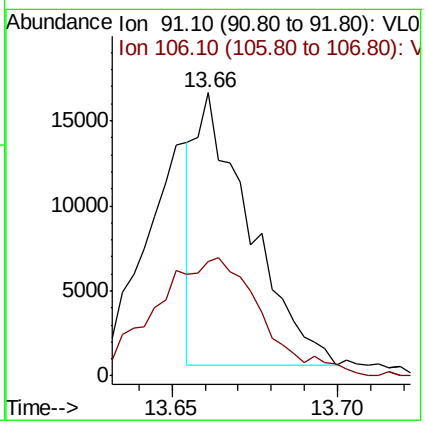


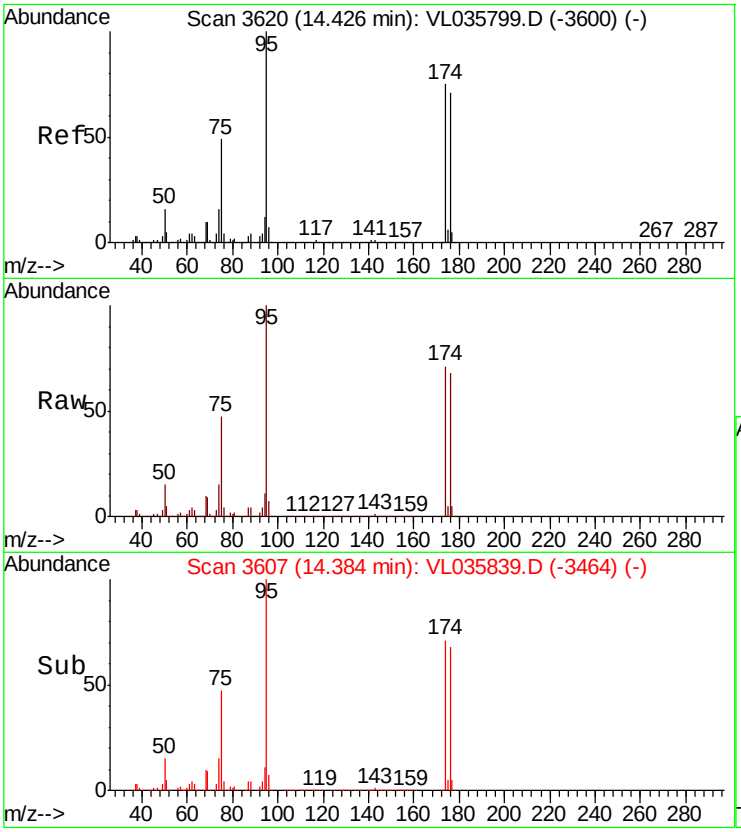


#60
o-Xylene
Concen: 0.044 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion: 91 Resp: 18062

Ion	Ratio	Lower	Upper
91	100		
106	87.6	24.8	74.4#



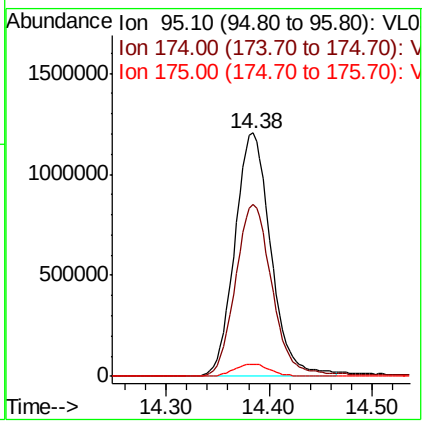


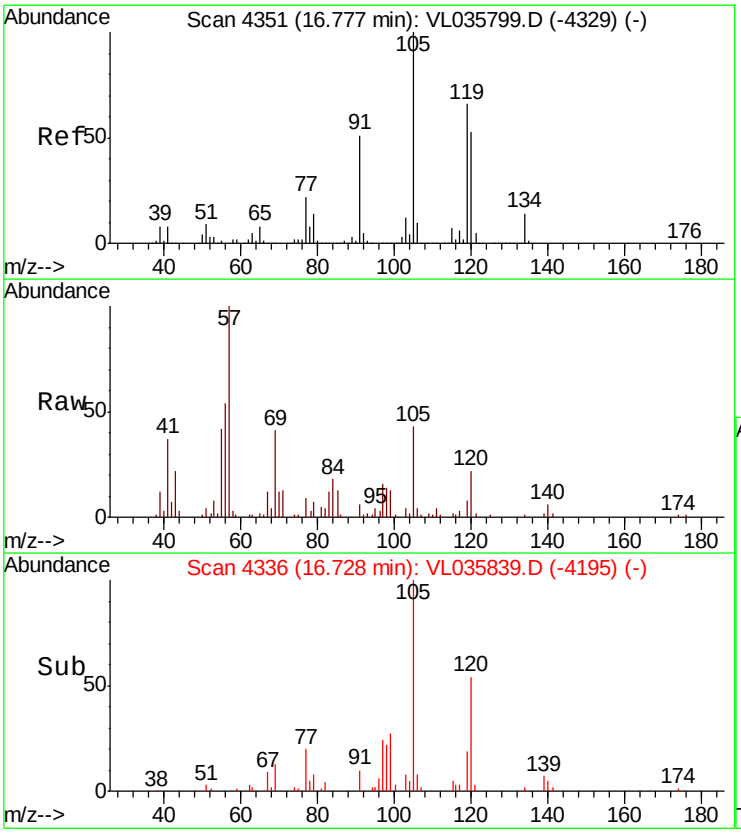
#68
1-Bromo-4-Fluorobenzene
Concen: 9.985 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2932153

Ion	Ratio	Lower	Upper
95	100		
174	74.0	59.8	89.6
175	5.1	4.3	6.5





#74
1,2,4-Trimethylbenzene
Concen: 0.052 ppbv
RT: 16.73 min Scan# 4336
Delta R.T. -0.05 min
Lab File: VL035839.D
Acq: 4 Nov 2020 18:48

Tgt Ion:105 Resp: 25752

Ion	Ratio	Lower	Upper
105	100		
120	51.3	42.0	63.0
91	9.5	41.0	61.6#
77	13.5	17.3	25.9#