Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111820\
Data File : VL035988.D
Acq On : 19 Nov 2020 00:43
Operator : SY/AP
Sample : L4781-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA3DL

Quant Time: Nov 19 08:13:42 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	5.62	49	1034047	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3726087	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3552404	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2636779	10.45	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%			
Target Compounds						Qvalue
4) Chloromethane	3.11	50	3729	0.062	ppbv	89
9) Propene	2.98	41	2295	0.051	ppbv #	15
11) Trichlorofluoromethane	3.92	101	7534	0.031	ppbv #	64
13) Ethanol	3.58	45	90033	9.157	ppbv	97
15) Acetone	3.83	43	65814	0.595	ppbv #	68
19) Isopropyl Alcohol	3.94	45	8891	0.131	ppbv #	9
20) Methylene Chloride	4.31	84	42748	0.549	ppbv	100
25) Ethyl Acetate	5.64	43	21239	0.098	ppbv #	80
26) Hexane	5.65	57	28914	0.241	ppbv #	46
39) 1,2-Dichloropropane	7.13	63	761909	8.170	ppbv #	30
53) Toluene	9.76	91	100604	0.301	ppbv	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111820\
Data File : VL035988.D
Acq On : 19 Nov 2020 00:43
Operator : SY/AP
Sample : L4781-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA3DL

Quant Time: Nov 19 08:13:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
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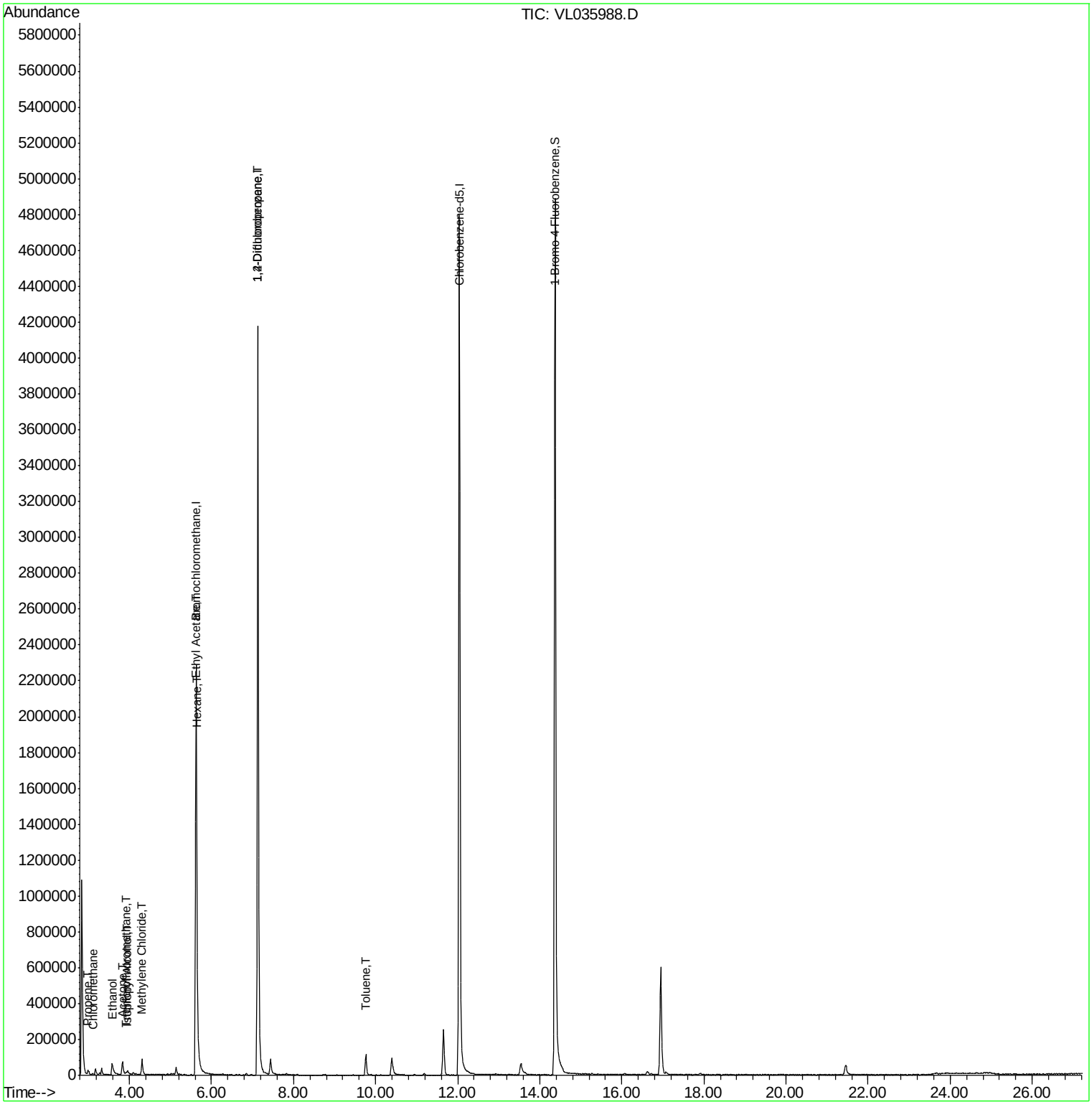
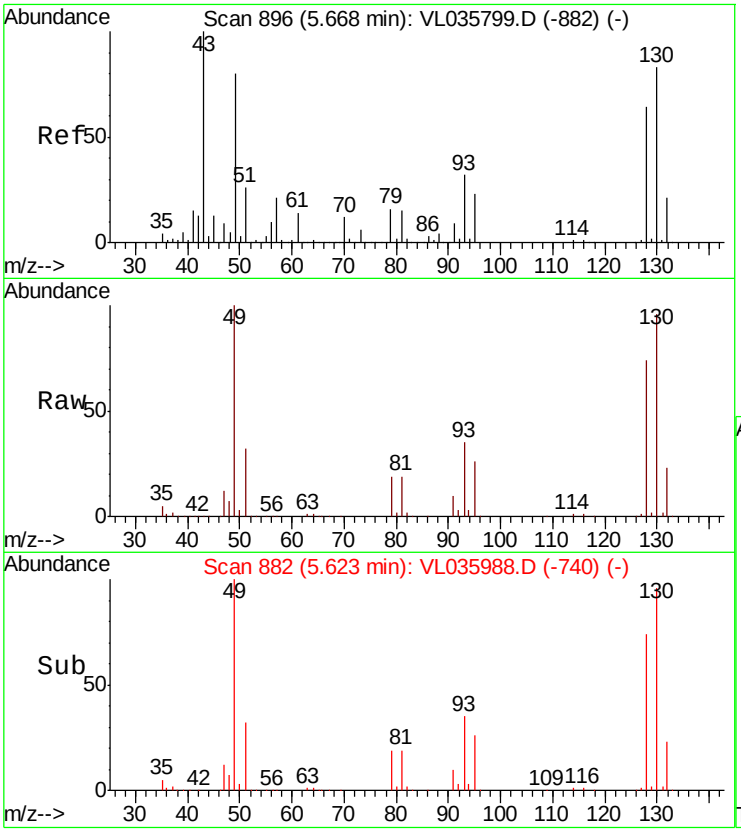
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



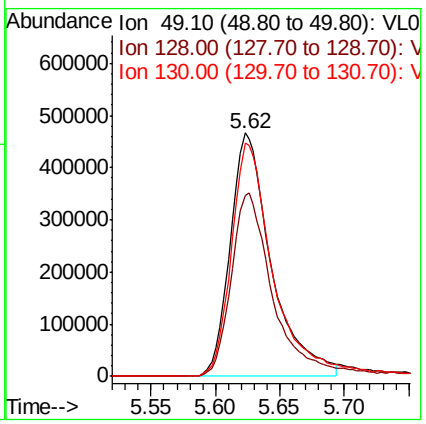


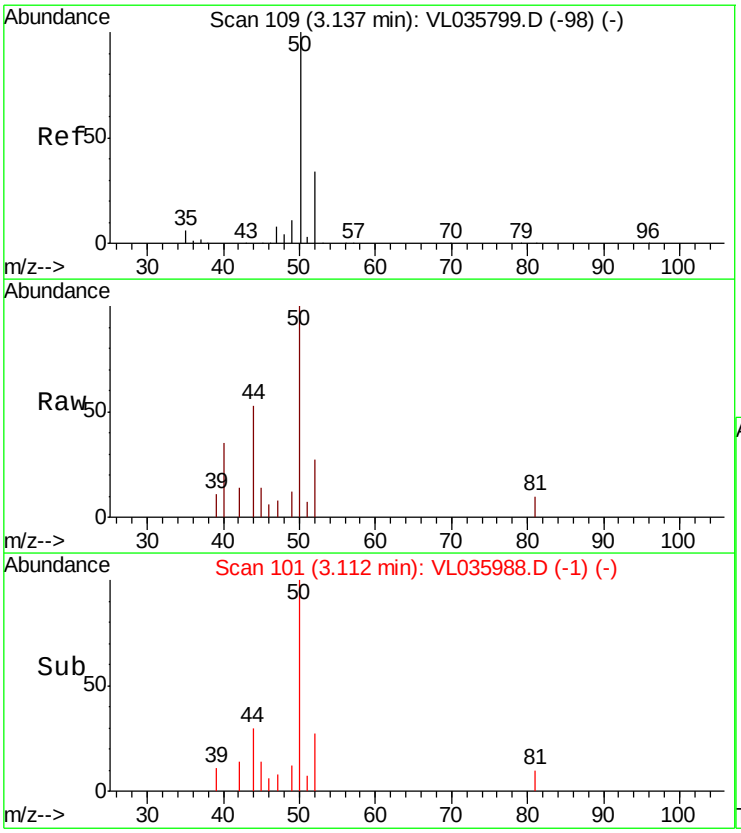
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.62 min Scan# 882
Delta R.T. -0.04 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument :
MSVOA_L
ClientSampleId :
IA3DL

Tgt Ion: 49 Resp: 1034047

Ion	Ratio	Lower	Upper
49	100		
128	79.2	41.5	124.6
130	100.5	53.7	161.1

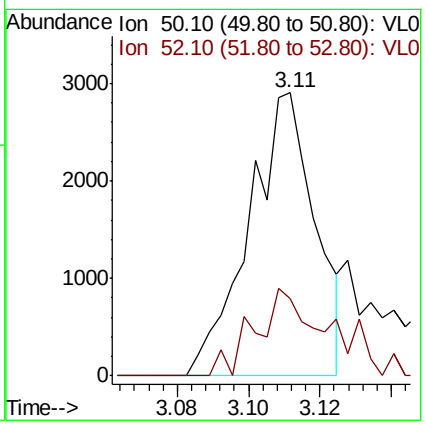


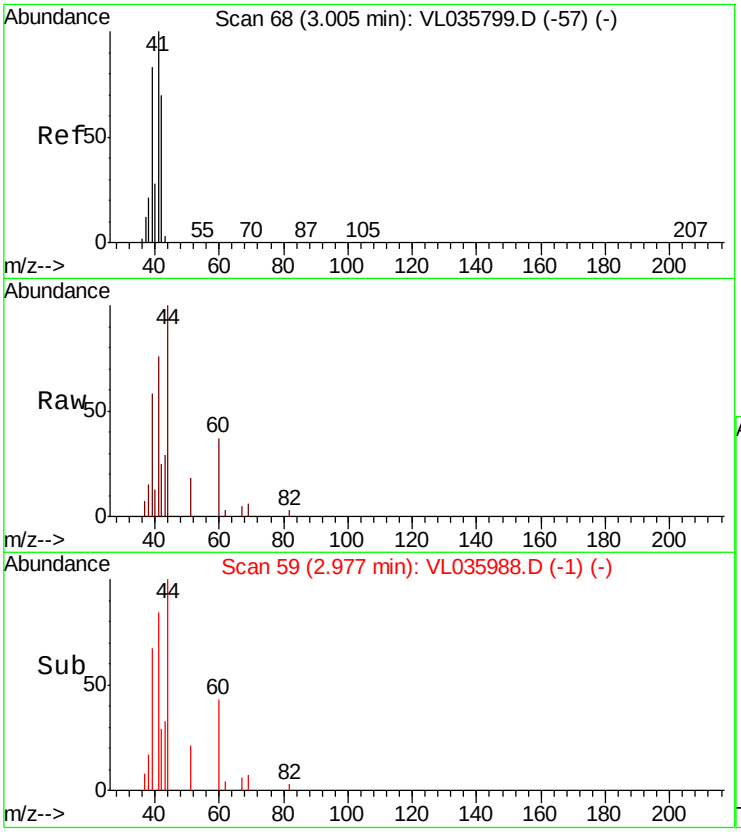


#4
Chloromethane
Concen: 0.062 ppbv
RT: 3.11 min Scan# 101
Delta R.T. -0.03 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion: 50 Resp: 3729

Ion	Ratio	Lower	Upper
50	100		
52	27.4	27.1	40.7



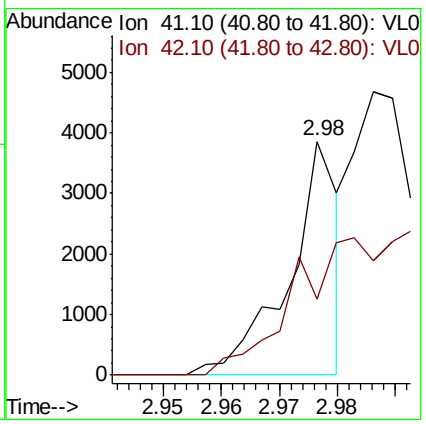


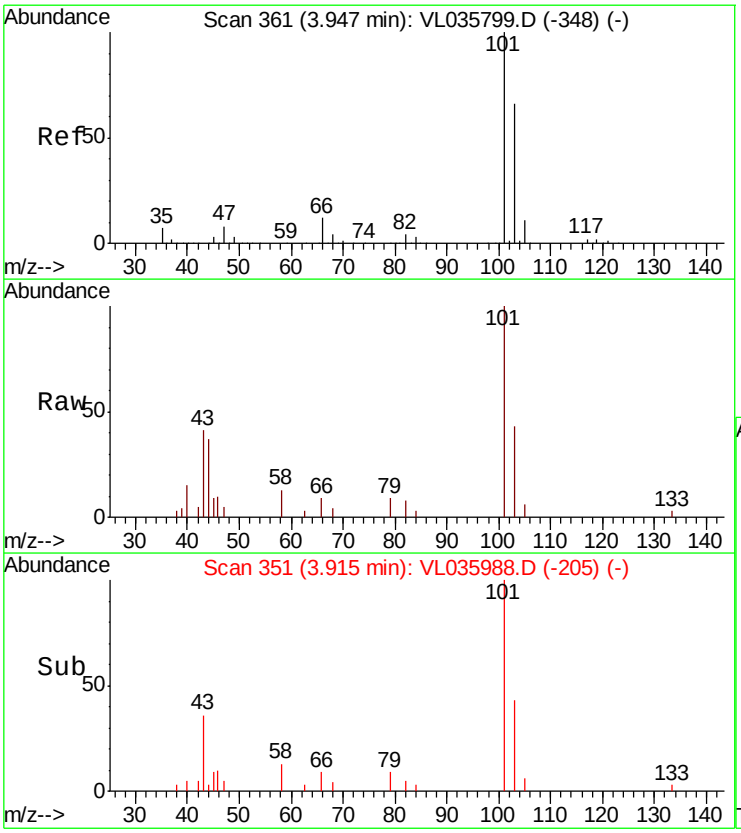
#9
Propene
Concen: 0.051 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.03 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument :
MSVOA_L
ClientSampleId :
IA3DL

Tgt Ion: 41 Resp: 2295

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.2	84.4#

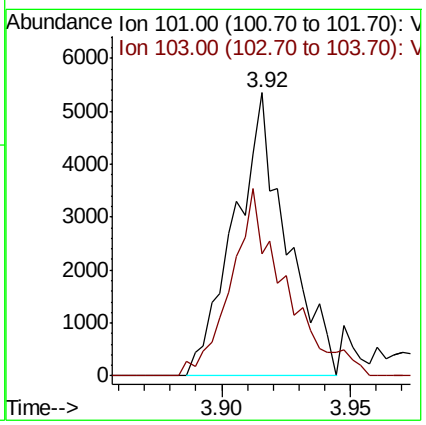


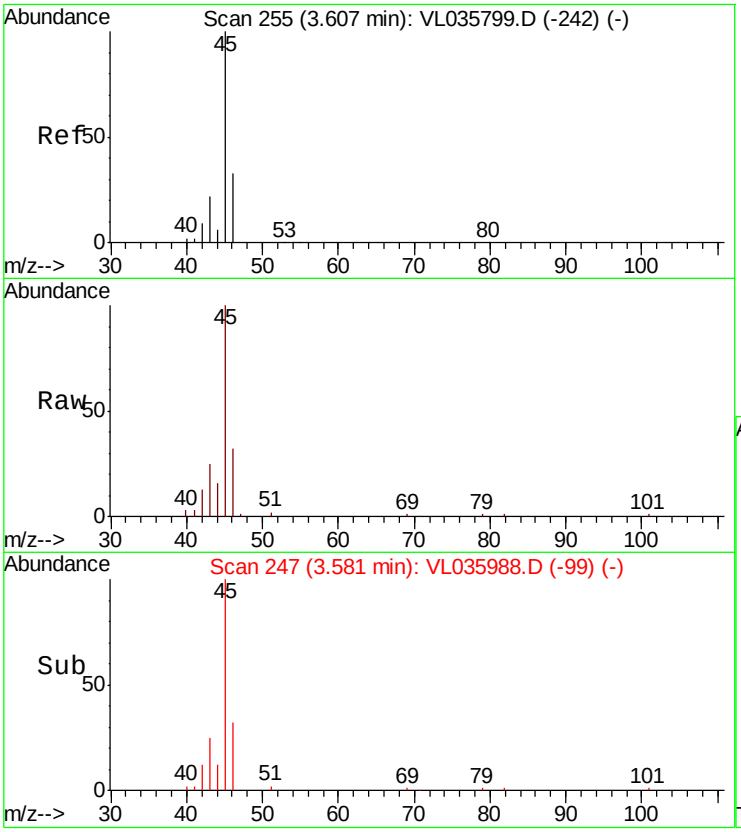


#11
Trichlorofluoromethane
Concen: 0.031 ppbv
RT: 3.92 min Scan# 351
Delta R.T. -0.03 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion:101 Resp: 7534

Ion	Ratio	Lower	Upper
101	100		
103	37.7	53.0	79.4#



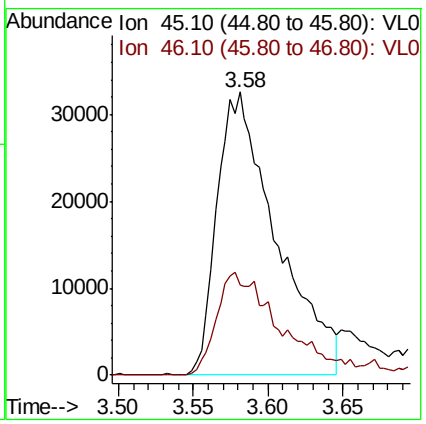


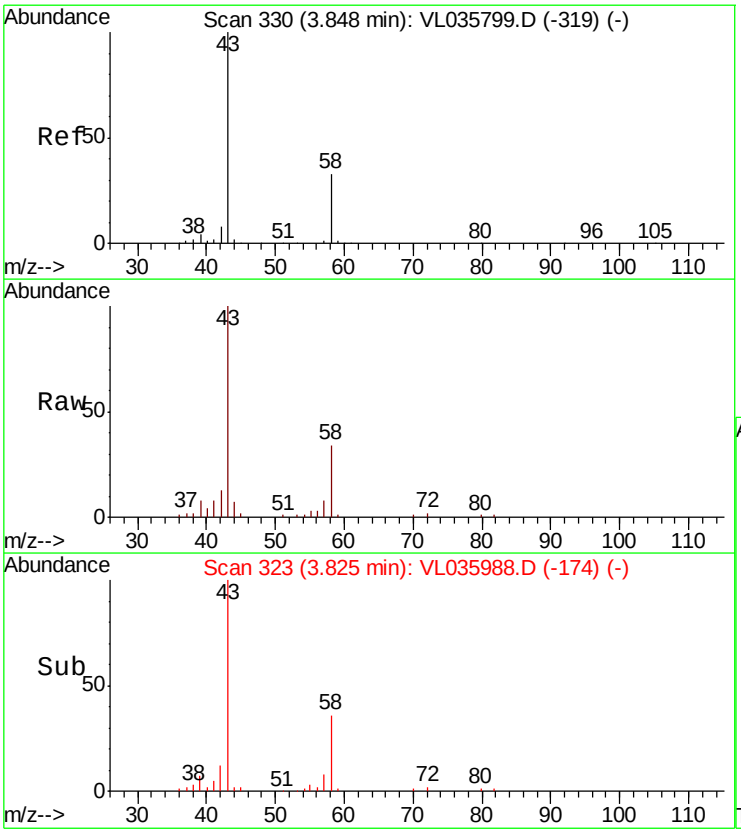
#13
Ethanol
Concen: 9.157 ppbv
RT: 3.58 min Scan# 247
Delta R.T. -0.03 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument : MSVOA_L
ClientSampleId : IA3DL

Tgt Ion: 45 Resp: 90033

Ion	Ratio	Lower	Upper
45	100		
46	42.3	16.1	64.5

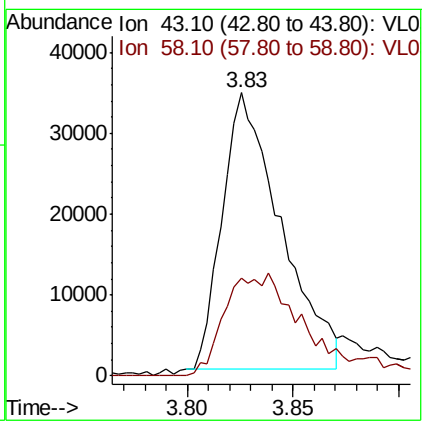


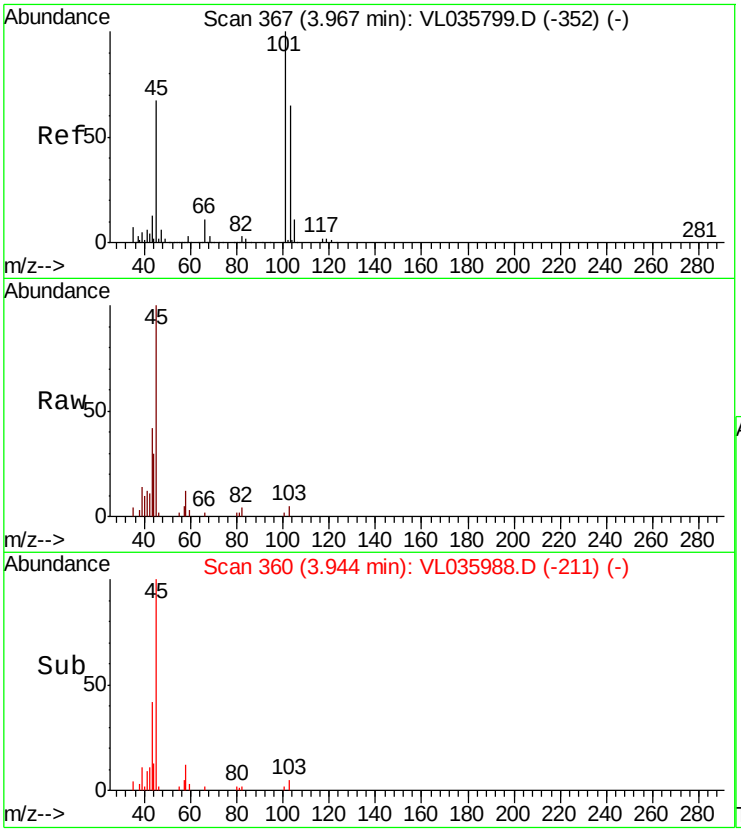


#15
Acetone
Concen: 0.595 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion: 43 Resp: 65814

Ion	Ratio	Lower	Upper
43	100		
58	52.9	27.5	41.3#



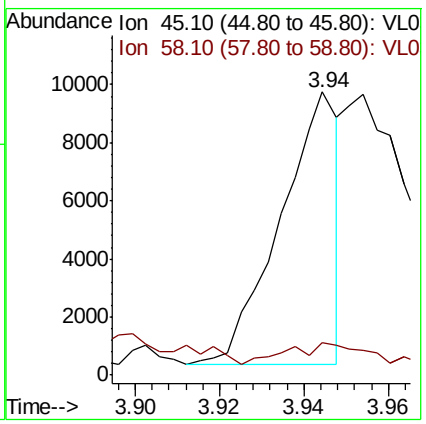


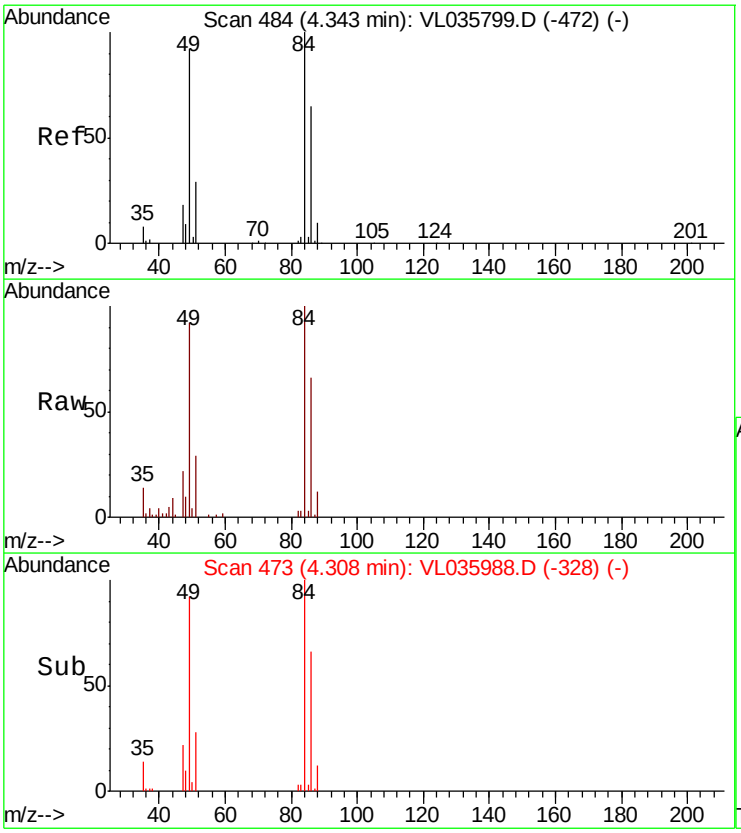
#19
Isopropyl Alcohol
Concen: 0.131 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.02 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument : MSVOA_L
ClientSampleId : IA3DL

Tgt Ion: 45 Resp: 8891

Ion	Ratio	Lower	Upper
45	100		
58	33.2	2.6	3.8#

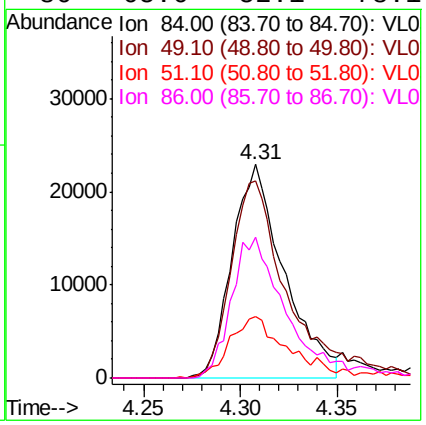


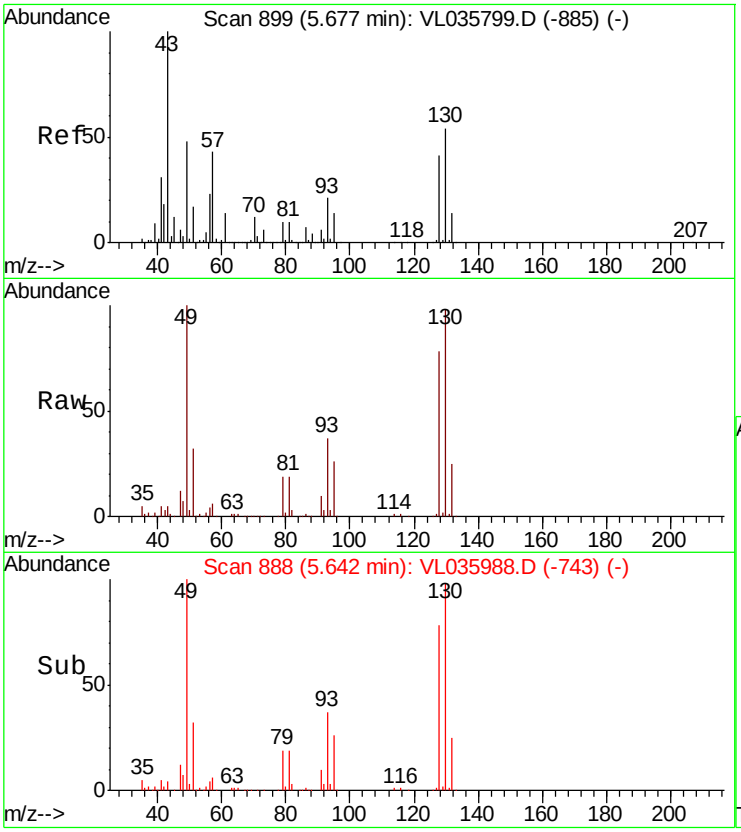


#20
Methylene Chloride
Concen: 0.549 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.04 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion: 84 Resp: 42748

Ion	Ratio	Lower	Upper
84	100		
49	92.3	73.8	110.8
51	29.1	23.0	34.4
86	65.6	52.1	78.1



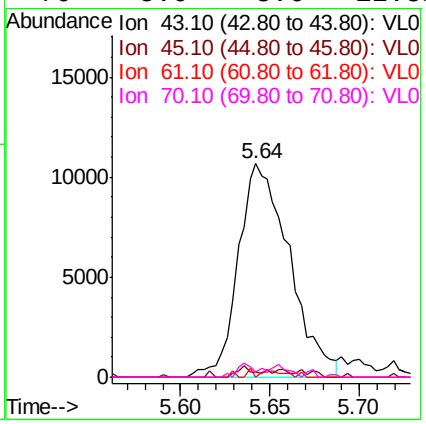


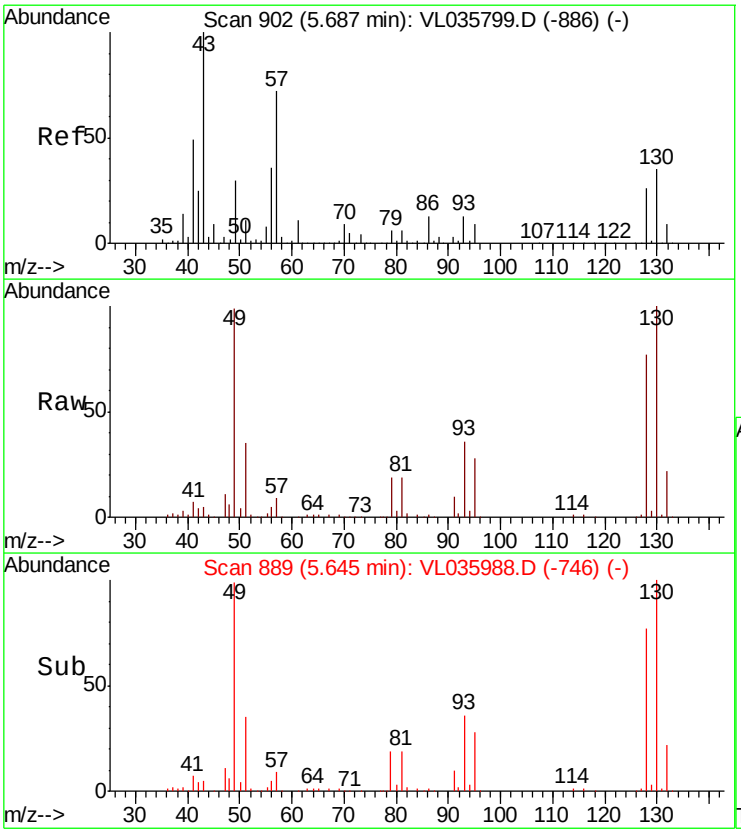
#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.04 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument : MSVOA_L
ClientSampleId : IA3DL

Tgt Ion: 43 Resp: 21239

Ion	Ratio	Lower	Upper
43	100		
45	4.4	8.5	12.7#
61	2.3	10.7	16.1#
70	5.0	8.6	12.8#

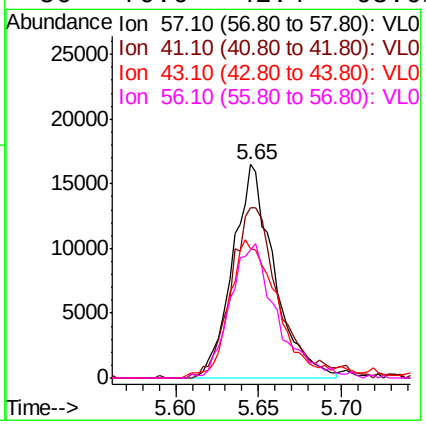


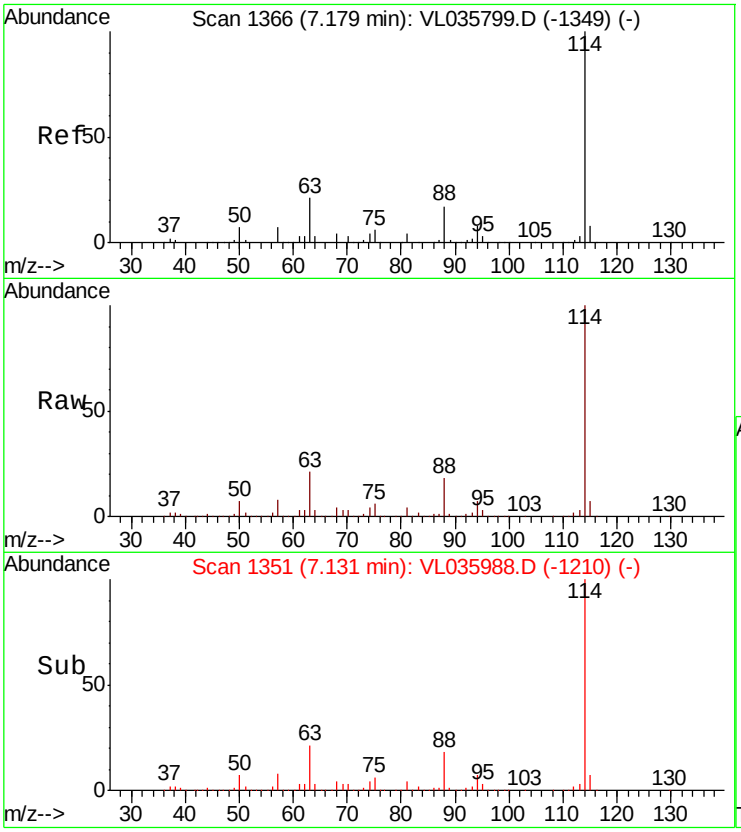


#26
Hexane
Concen: 0.241 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.04 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion: 57 Resp: 28914

Ion	Ratio	Lower	Upper
57	100		
41	92.9	58.9	88.3#
43	79.6	150.2	225.2#
56	70.6	42.4	63.6#



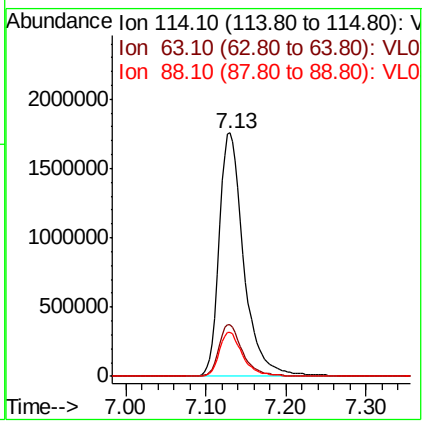


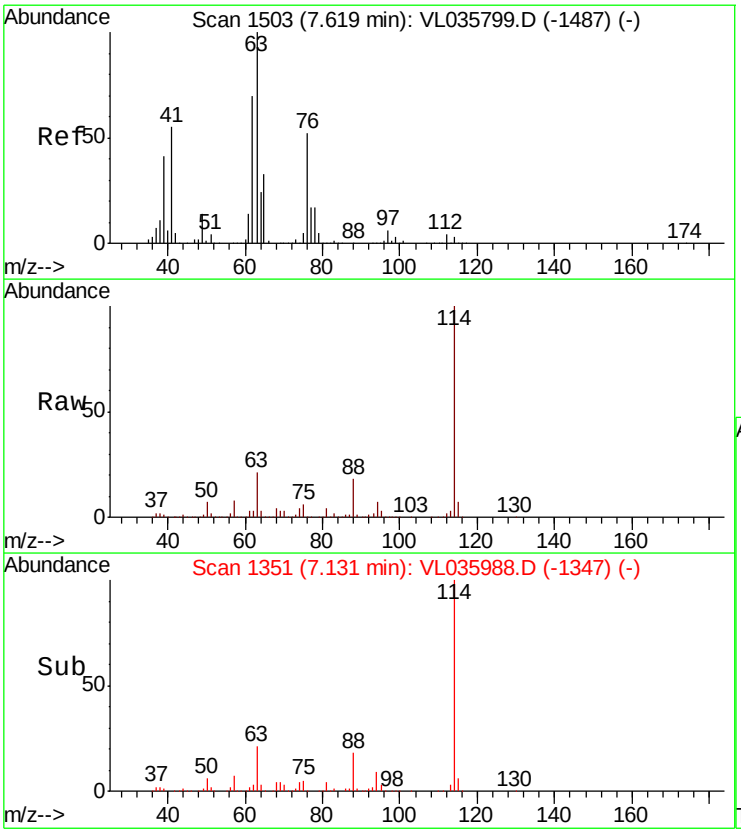
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.05 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument :
MSVOA_L
ClientSampleId :
IA3DL

Tgt Ion:114 Resp: 3726087

Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.1	24.1
88	17.4	13.7	20.5

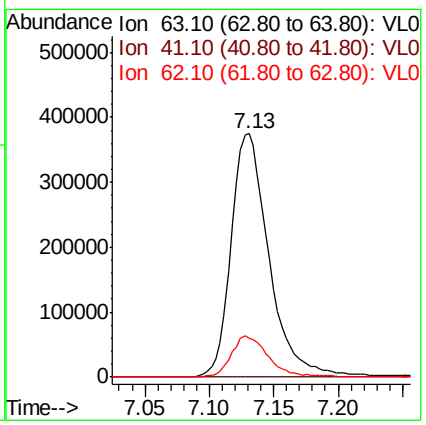


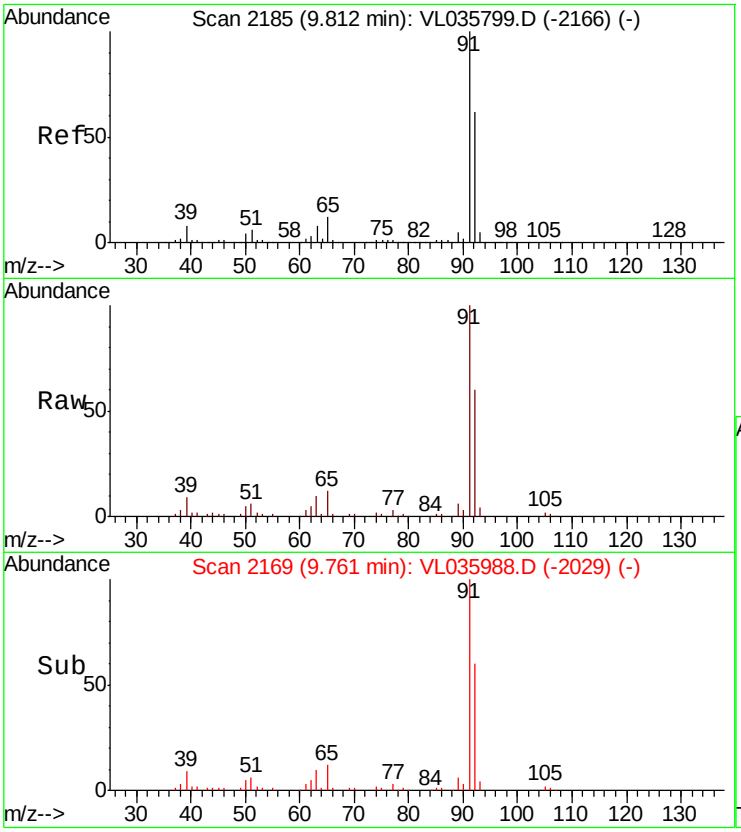


#39
1,2-Dichloropropane
Concen: 8.170 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.49 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion: 63 Resp: 761909

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	15.9	56.2	84.2#



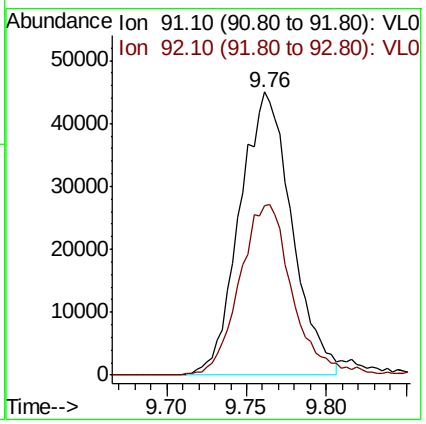


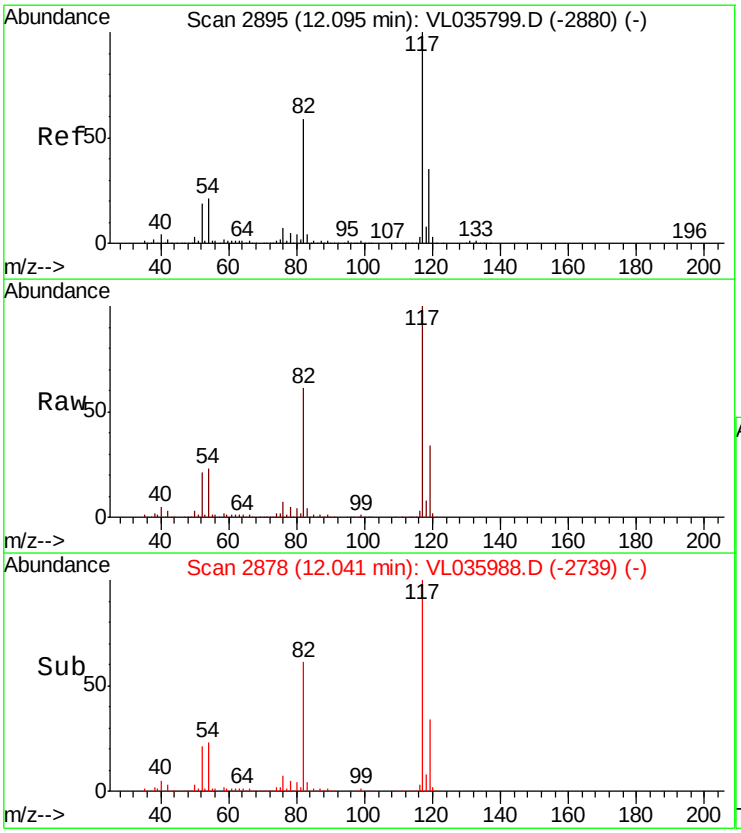
#53
Toluene
Concen: 0.301 ppbv
RT: 9.76 min Scan# 2169
Delta R.T. -0.05 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument : MSVOA_L
ClientSampleId : IA3DL

Tgt Ion: 91 Resp: 100604

Ion	Ratio	Lower	Upper
91	100		
92	61.2	49.8	74.6

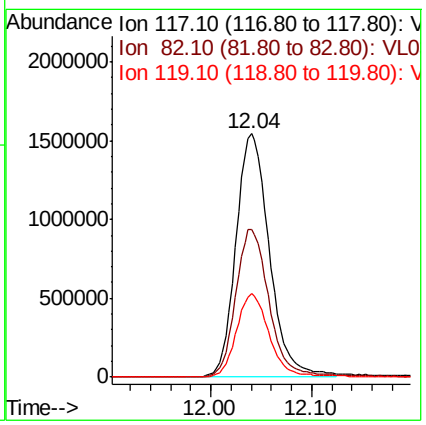


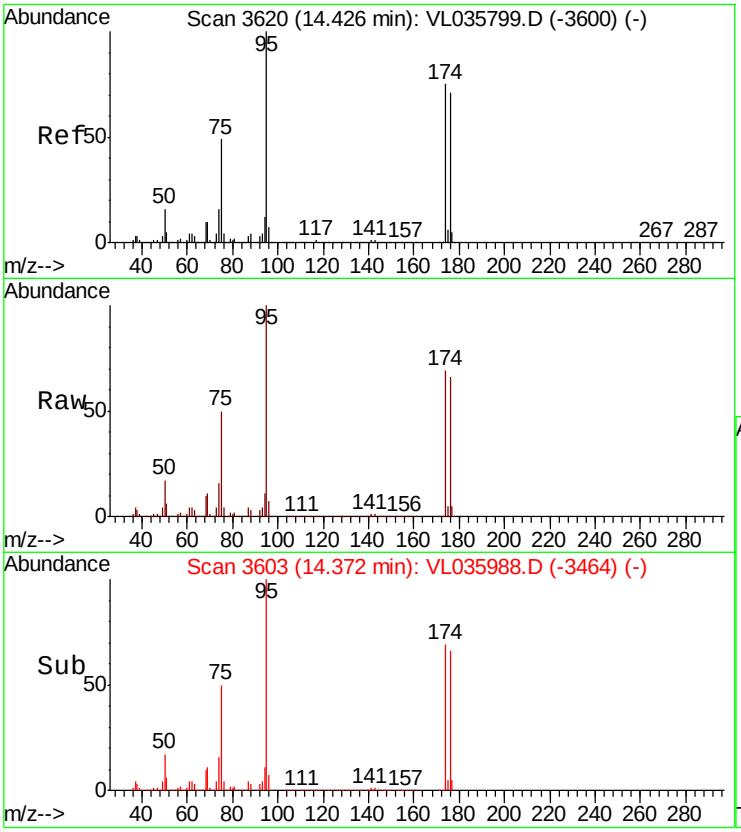


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2878
Delta R.T. -0.05 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Tgt Ion:117 Resp: 3552404

Ion	Ratio	Lower	Upper
117	100		
82	61.9	50.6	76.0
119	34.2	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.447 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.05 min
Lab File: VL035988.D
Acq: 19 Nov 2020 00:43

Instrument :
MSVOA_L
ClientSampleId :
IA3DL

Tgt Ion: 95 Resp: 2636779

Ion	Ratio	Lower	Upper
95	100		
174	70.3	59.8	89.6
175	4.9	4.3	6.5