Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111820\
Data File : VL035986.D
Acq On : 18 Nov 2020 23:23
Operator : SY/AP
Sample : L4781-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1DL

Quant Time: Nov 19 08:13:21 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	5.63	49	1069211	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3733179	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3585325	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2601461	10.21	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	10741	0.053	ppbv	99
3) Chlorodifluoromethane	2.96	51	7920	0.062	ppbv #	79
9) Propene	3.17	41	10971	0.234	ppbv	85
13) Ethanol	3.58	45	23937	2.354	ppbv	75
15) Acetone	3.83	43	58420	0.511	ppbv #	68
19) Isopropyl Alcohol	3.95	45	3811	0.054	ppbv #	90
20) Methylene Chloride	4.31	84	64233	0.798	ppbv	93
25) Ethyl Acetate	5.65	43	14109	0.063	ppbv #	76
26) Hexane	5.65	57	32671	0.263	ppbv #	42
39) 1,2-Dichloropropane	7.13	63	771706	8.259	ppbv #	31
53) Toluene	9.76	91	61371	0.183	ppbv	94

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Nov 2020 23:23
Operator : SY/AP
Sample : L4781-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Nov 19 08:13:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
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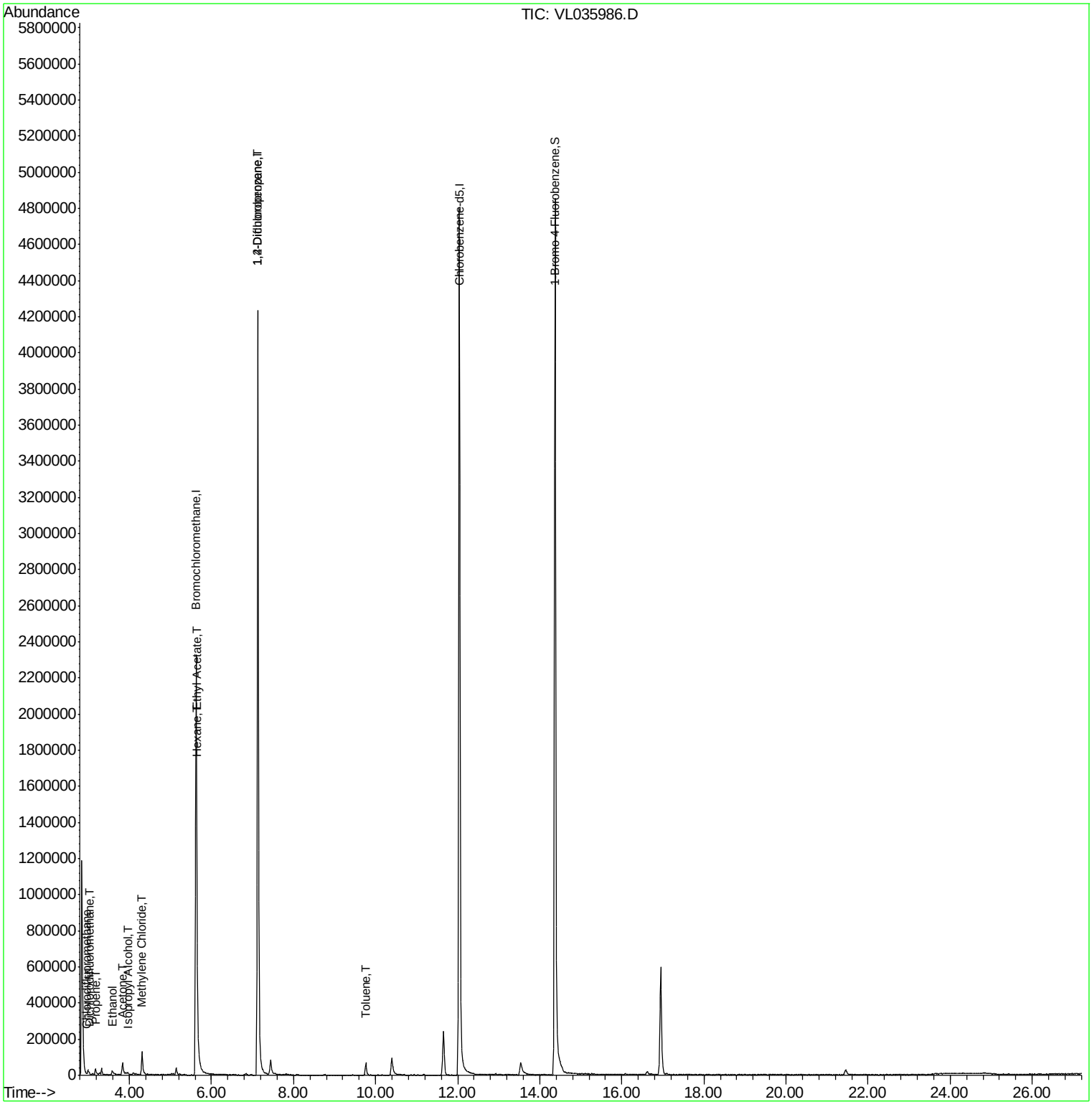
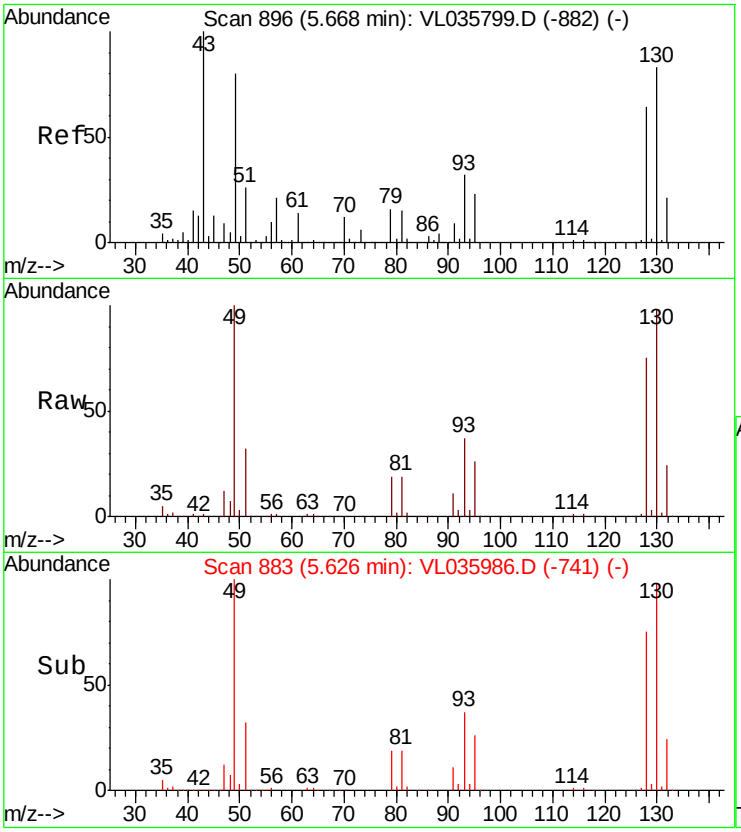


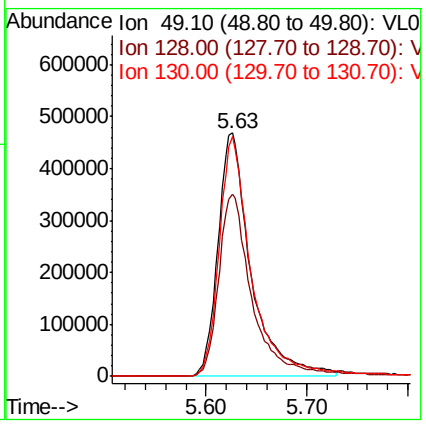


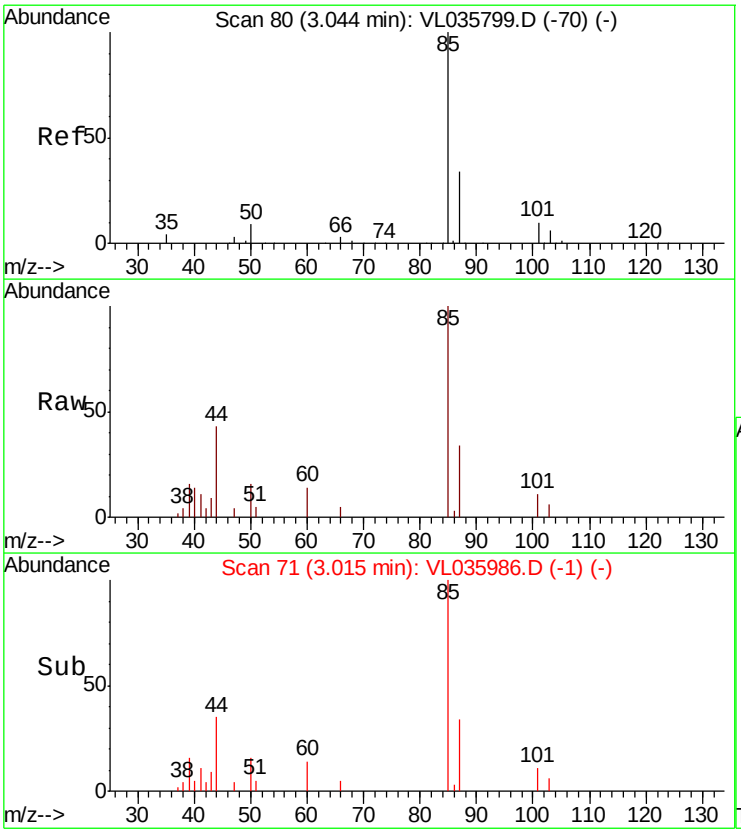
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 883
Delta R.T. -0.04 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 1069211

Ion	Ratio	Lower	Upper
49	100		
128	77.5	41.5	124.6
130	99.1	53.7	161.1

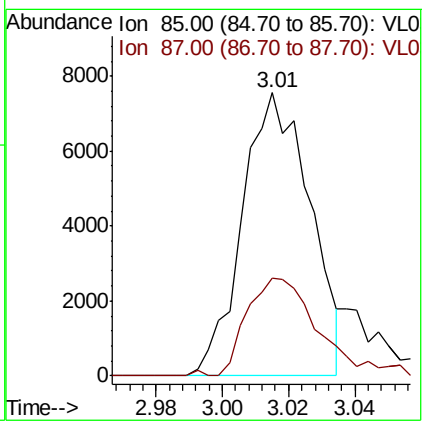


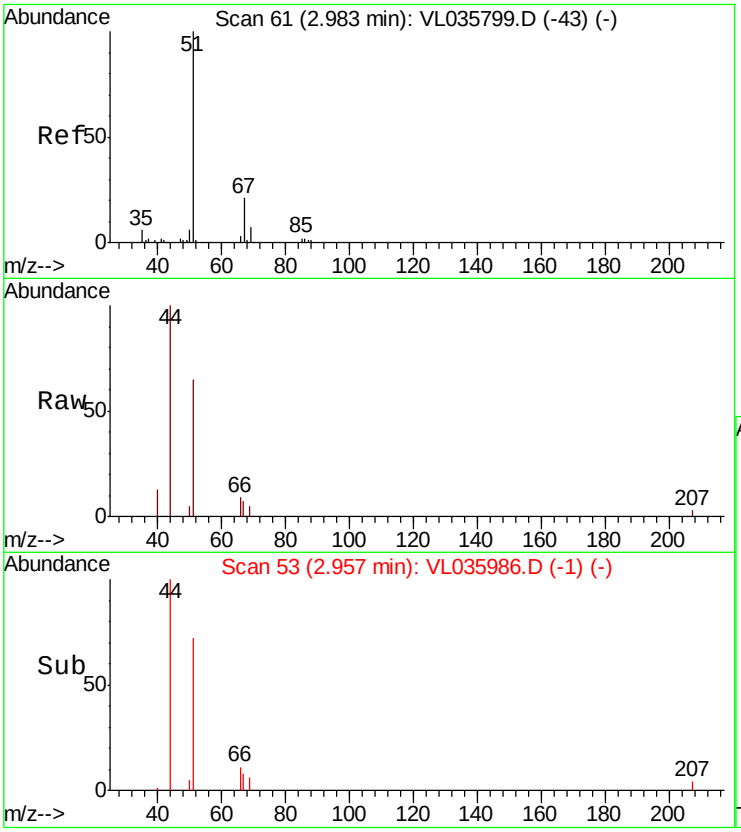


#2
Dichlorodifluoromethane
Concen: 0.053 ppbv
RT: 3.01 min Scan# 71
Delta R.T. -0.03 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion: 85 Resp: 10741

Ion	Ratio	Lower	Upper
85	100		
87	34.5	27.1	40.7



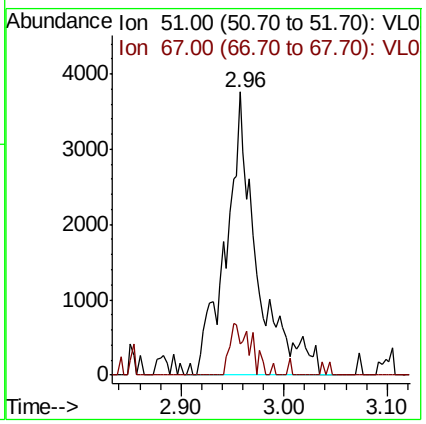


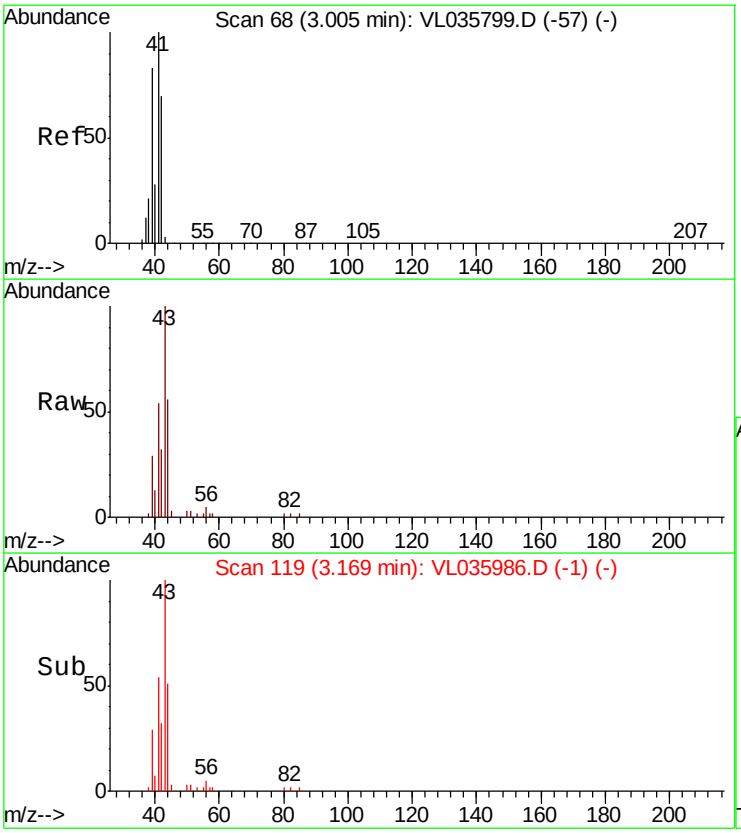
#3
Chlorodifluoromethane
Concen: 0.062 ppbv
RT: 2.96 min Scan# 53
Delta R.T. -0.03 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 51 Resp: 7920

Ion	Ratio	Lower	Upper
51	100		
67	11.5	17.0	25.4#

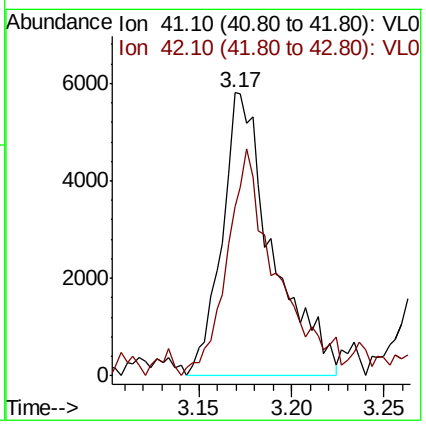


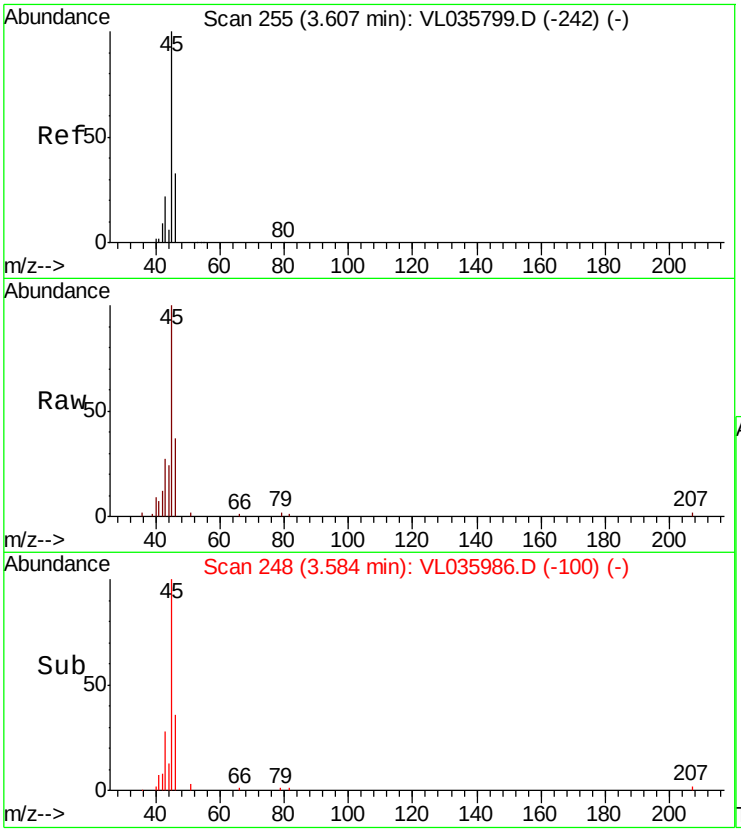


#9
Propene
Concen: 0.234 ppbv
RT: 3.17 min Scan# 119
Delta R.T. 0.16 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion: 41 Resp: 10971

Ion	Ratio	Lower	Upper
41	100		
42	82.7	56.2	84.4



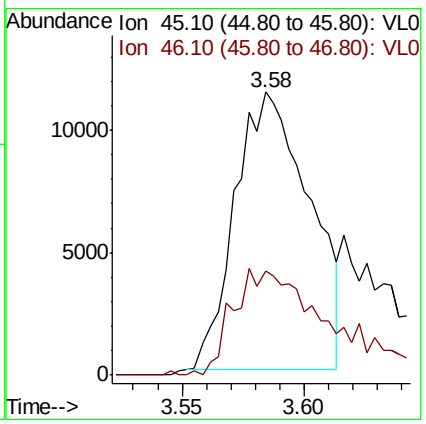


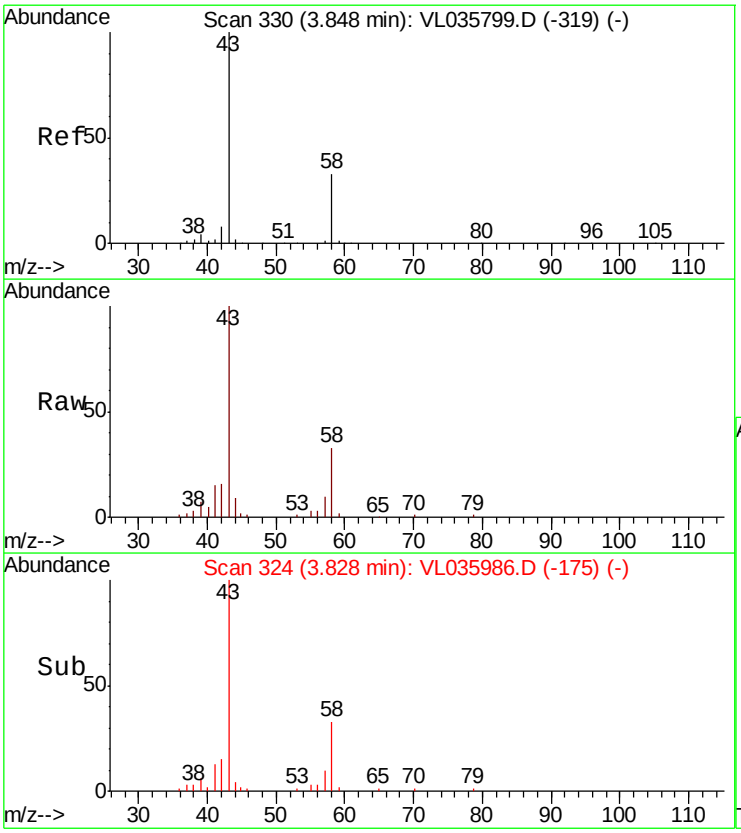
#13
Ethanol
Concen: 2.354 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.02 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 45 Resp: 23937

Ion	Ratio	Lower	Upper
45	100		
46	56.1	16.1	64.5

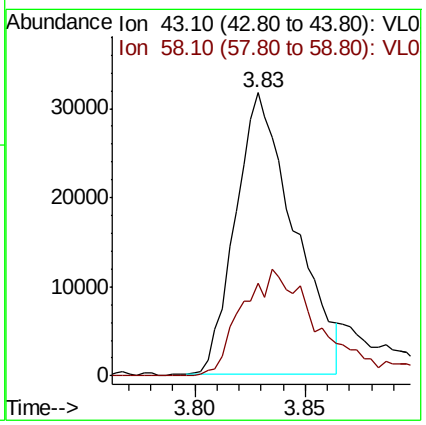


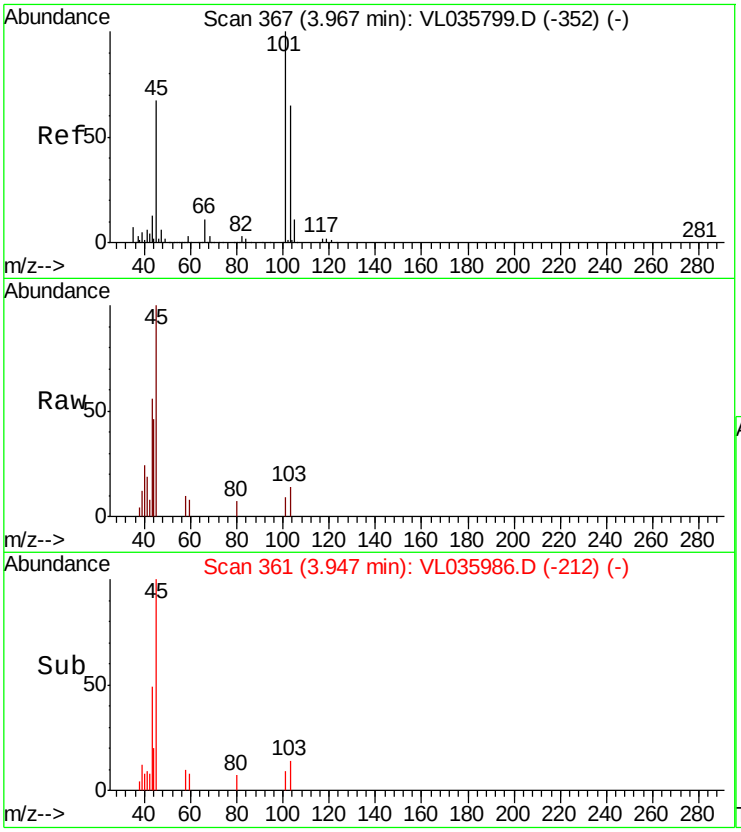


#15
Acetone
Concen: 0.511 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion: 43 Resp: 58420

Ion	Ratio	Lower	Upper
43	100		
58	52.8	27.5	41.3#



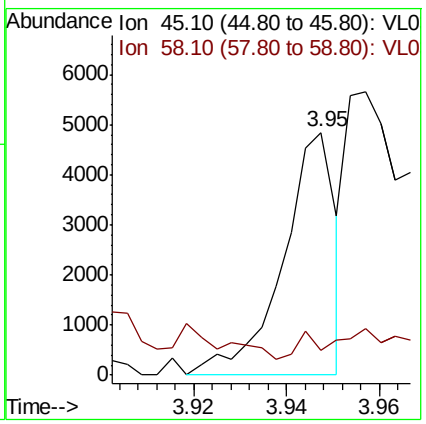


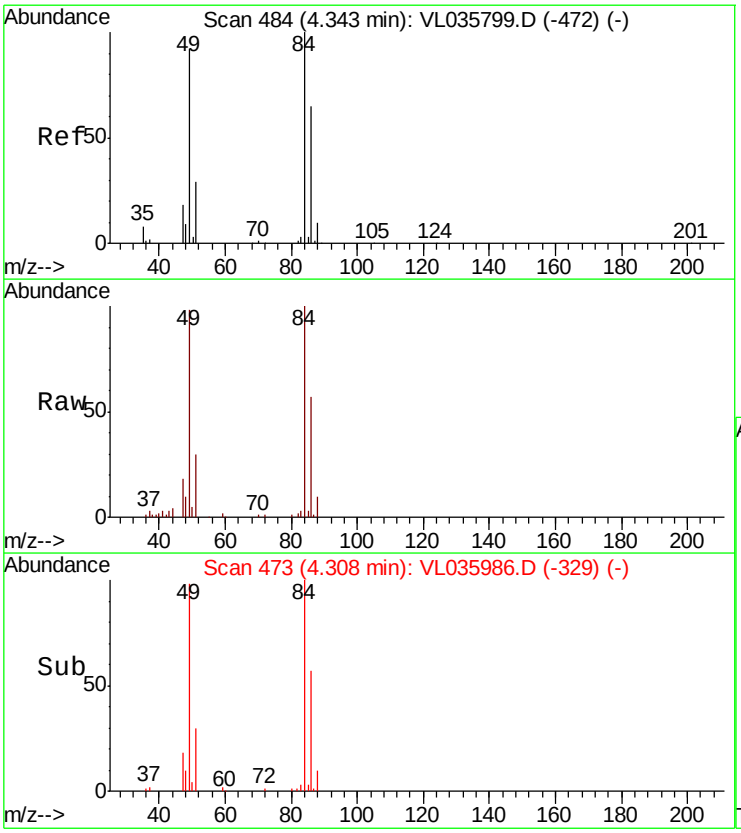
#19
Isopropyl Alcohol
Concen: 0.054 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.02 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 45 Resp: 3811

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.6	3.8#

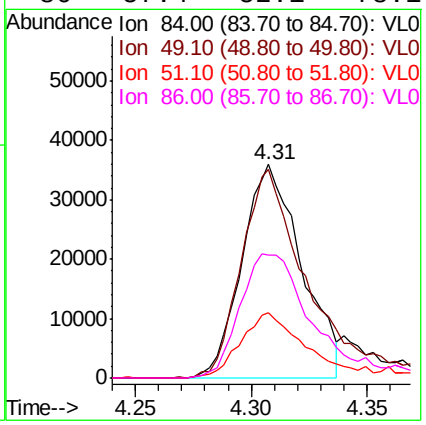


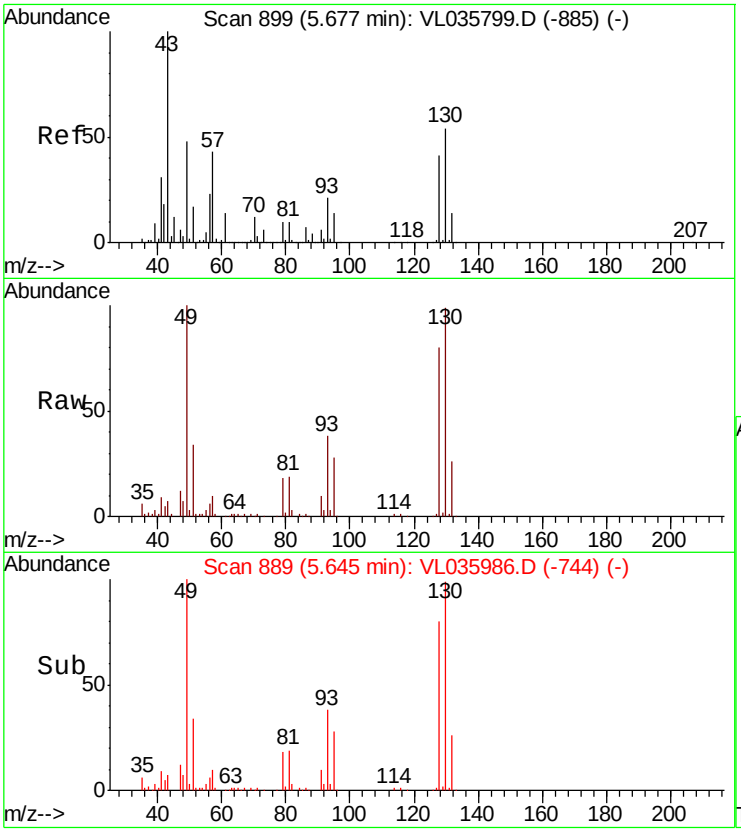


#20
Methylene Chloride
Concen: 0.798 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.04 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion: 84 Resp: 64233

Ion	Ratio	Lower	Upper
84	100		
49	97.8	73.8	110.8
51	30.4	23.0	34.4
86	57.4	52.1	78.1



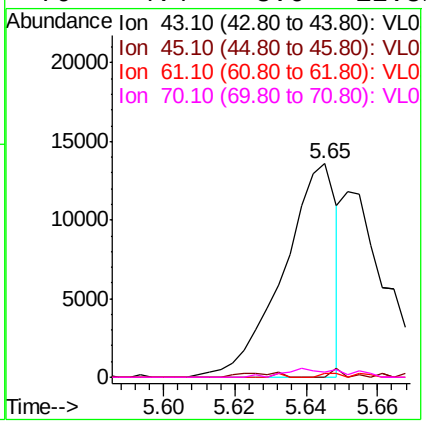


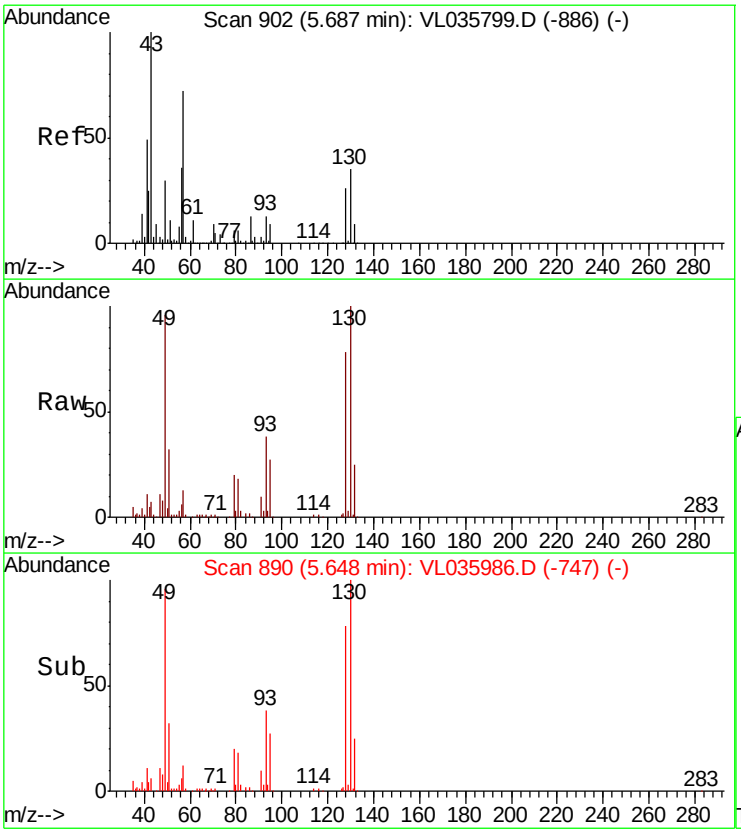
#25
Ethyl Acetate
Concen: 0.063 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.03 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 43 Resp: 14109

Ion	Ratio	Lower	Upper
43	100		
45	2.4	8.5	12.7#
61	1.0	10.7	16.1#
70	4.4	8.6	12.8#

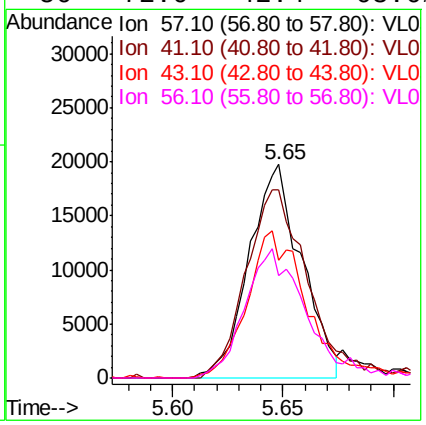


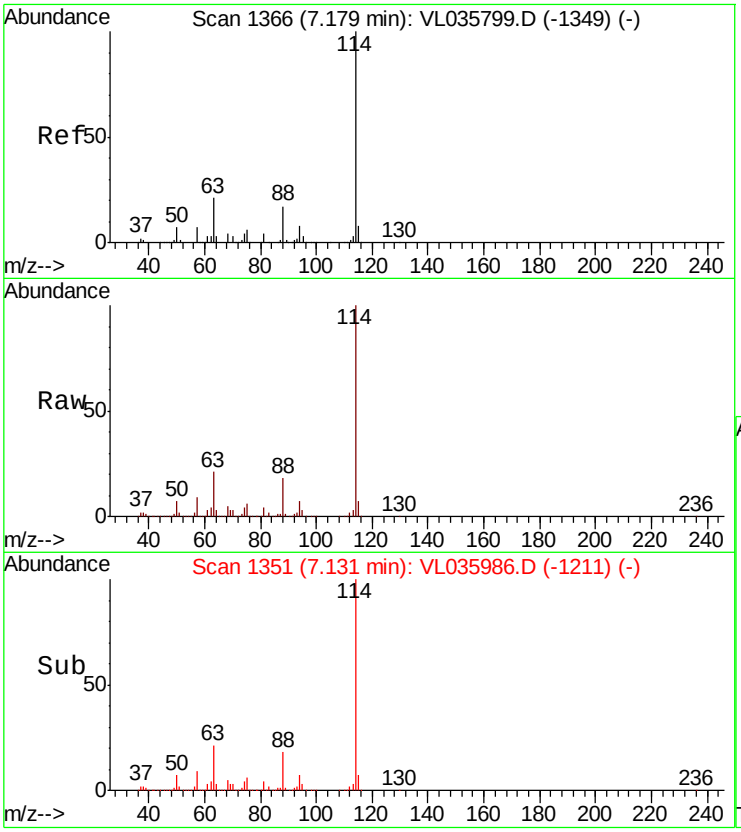


#26
Hexane
Concen: 0.263 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.04 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion: 57 Resp: 32671

Ion	Ratio	Lower	Upper
57	100		
41	105.5	58.9	88.3#
43	77.8	150.2	225.2#
56	72.0	42.4	63.6#



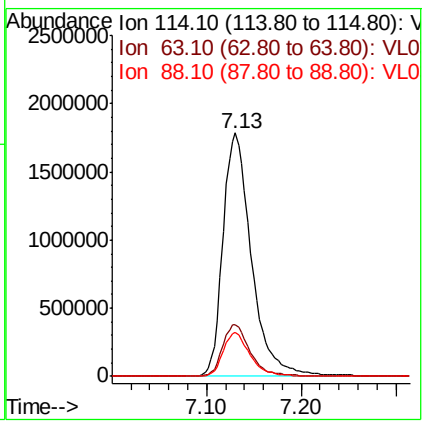


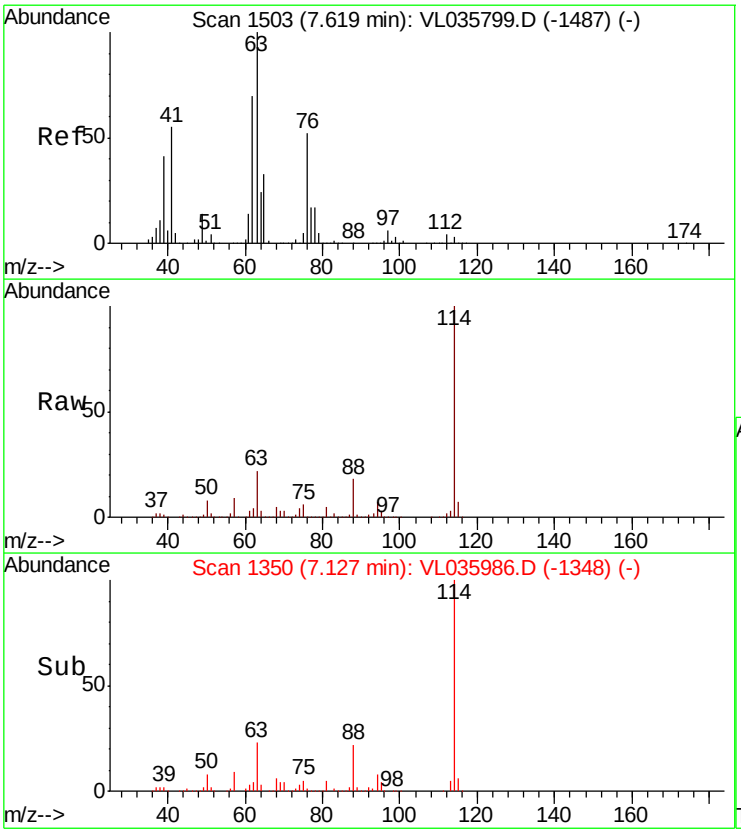
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.05 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:114 Resp: 3733179

Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.1	24.1
88	17.5	13.7	20.5

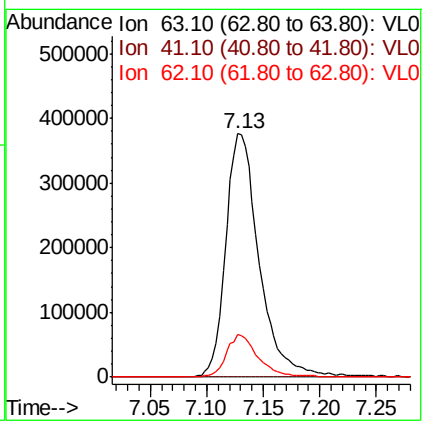


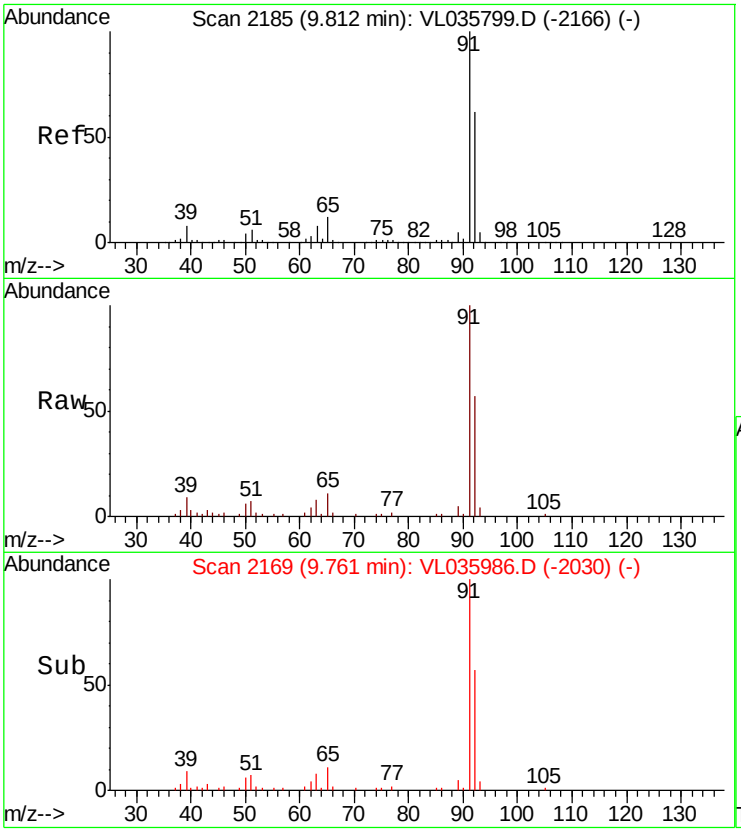


#39
1,2-Dichloropropane
Concen: 8.259 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.49 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion: 63 Resp: 771706

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	17.4	56.2	84.2#



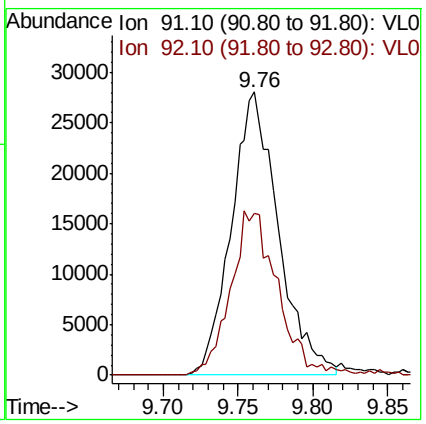


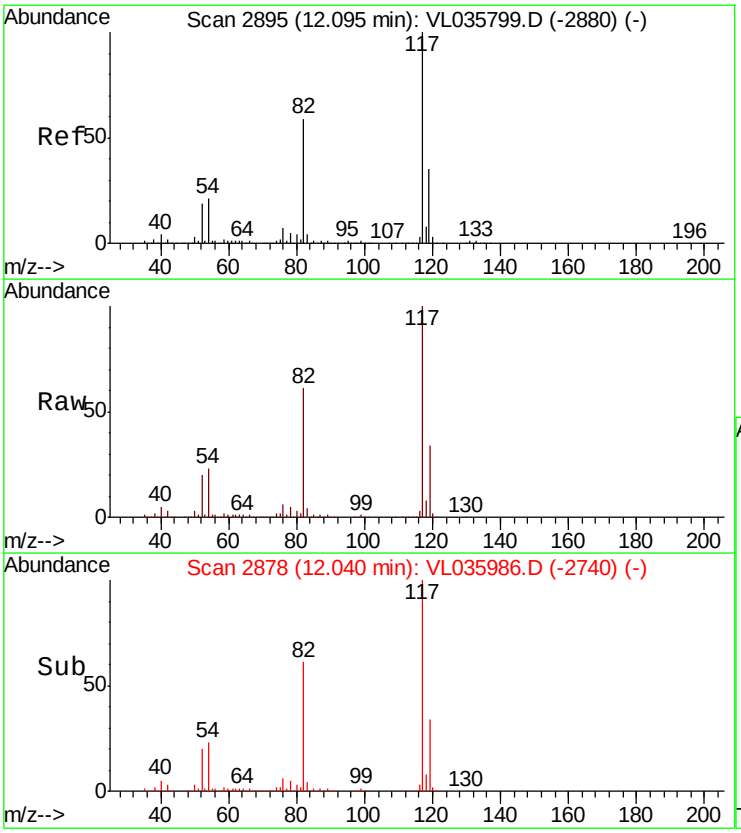
#53
Toluene
Concen: 0.183 ppbv
RT: 9.76 min Scan# 2169
Delta R.T. -0.05 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 91 Resp: 61371

Ion	Ratio	Lower	Upper
91	100		
92	57.6	49.8	74.6

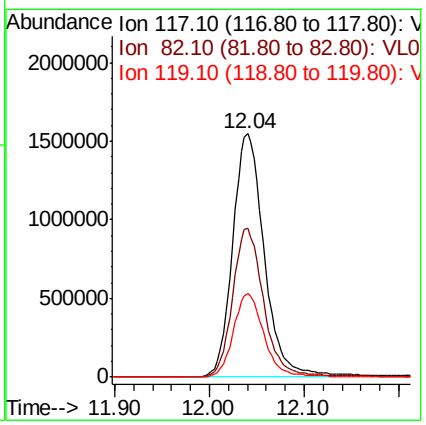


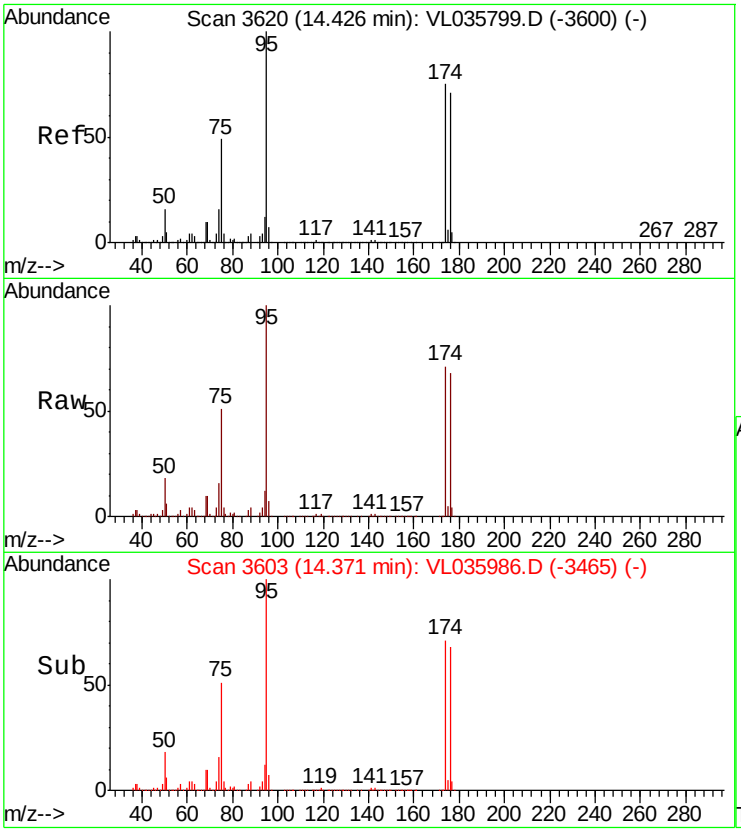


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2878
Delta R.T. -0.05 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Tgt Ion:117 Resp: 3585325

Ion	Ratio	Lower	Upper
117	100		
82	61.3	50.6	76.0
119	33.9	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.213 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.05 min
Lab File: VL035986.D
Acq: 18 Nov 2020 23:23

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 95 Resp: 2601461

Ion	Ratio	Lower	Upper
95	100		
174	70.9	59.8	89.6
175	5.1	4.3	6.5