Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035931.D
Acq On : 13 Nov 2020 2:34
Operator : SY/AP
Sample : L4721-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LA-4DL

Quant Time: Nov 13 03:41:41 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	5.66	49	1067211	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3756541	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3442419	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2550921	10.43	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	12088	0.060	ppbv #	85
3) Chlorodifluoromethane	2.98	51	12785	0.100	ppbv #	82
4) Chloromethane	3.13	50	2116	0.034	ppbv #	76
9) Propene	3.01	41	6029	0.129	ppbv #	54
13) Ethanol	3.60	45	51915	5.116	ppbv	93
15) Acetone	3.85	43	95905	0.841	ppbv #	86
19) Isopropyl Alcohol	3.97	45	20933	0.299	ppbv #	47
20) Methylene Chloride	4.33	84	66520	0.828	ppbv	100
25) Ethyl Acetate	5.68	43	29699	0.132	ppbv #	75
26) Hexane	5.68	57	45963	0.371	ppbv #	44
34) 2-Butanone	5.25	43	4179	0.034	ppbv #	27
39) 1,2-Dichloropropane	7.17	63	783961	8.338	ppbv #	30
53) Toluene	9.80	91	33949	0.101	ppbv	96

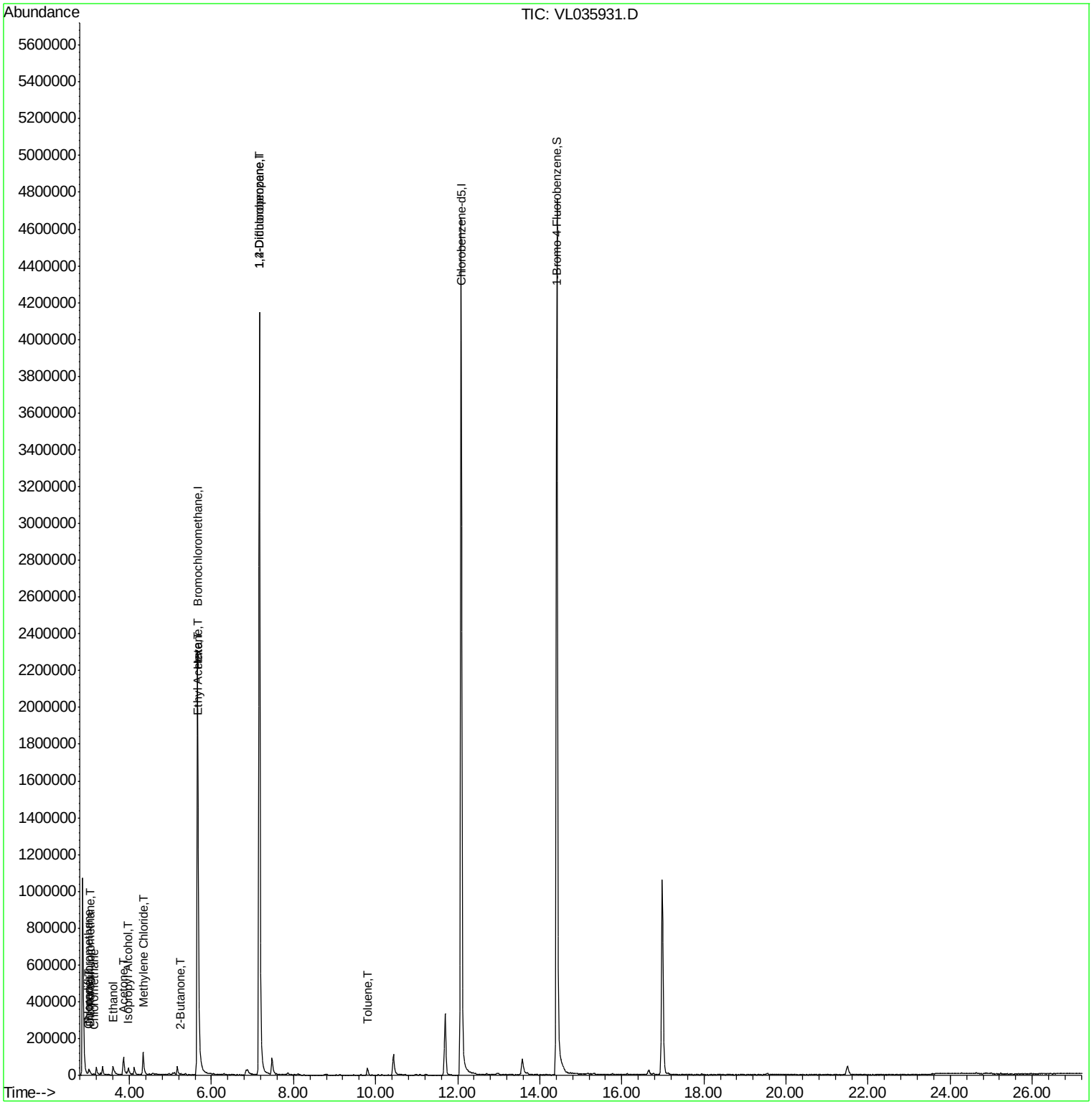
(#) = qualifier out of range (m) = manual integration (+) = signals summed

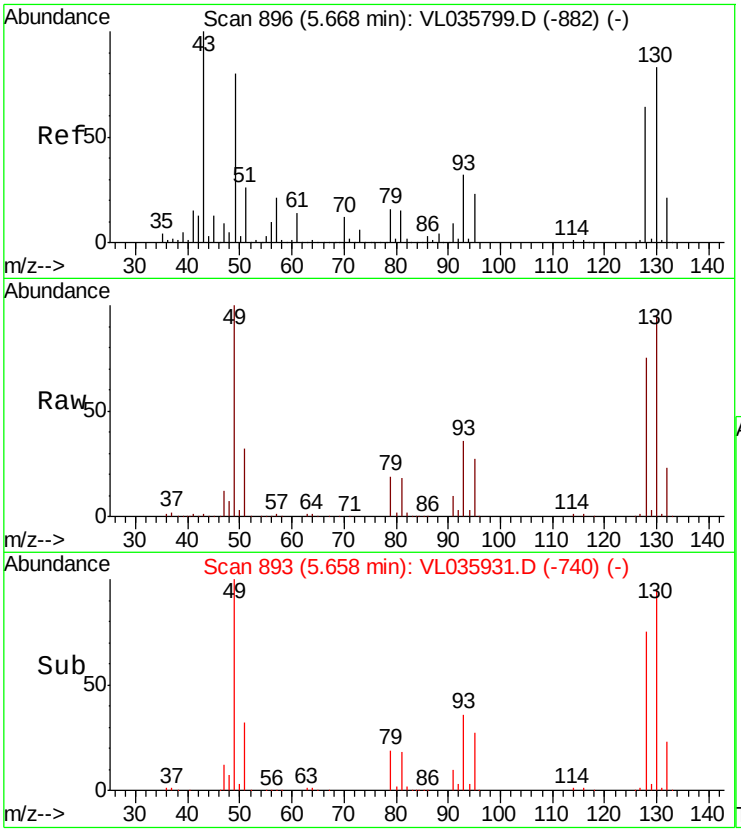
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035931.D
Acq On : 13 Nov 2020 2:34
Operator : SY/AP
Sample : L4721-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LA-4DL

Quant Time: Nov 13 03:41:41 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



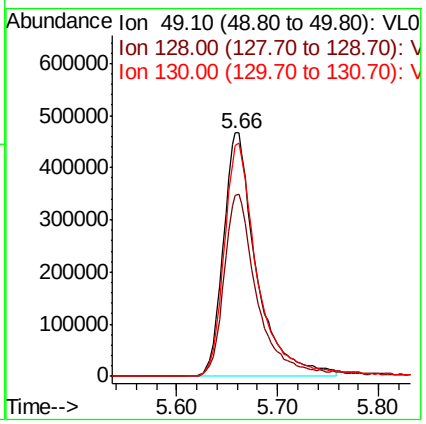


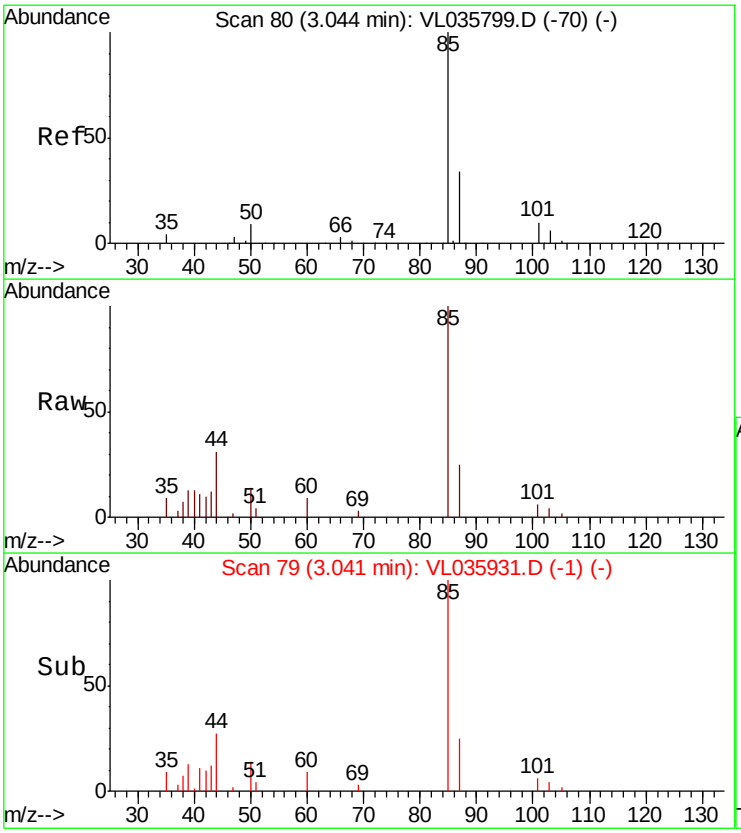
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument :
MSVOA_L
ClientSampleId :
LA-4DL

Tgt Ion: 49 Resp: 1067211

Ion	Ratio	Lower	Upper
49	100		
128	77.4	41.5	124.6
130	98.5	53.7	161.1

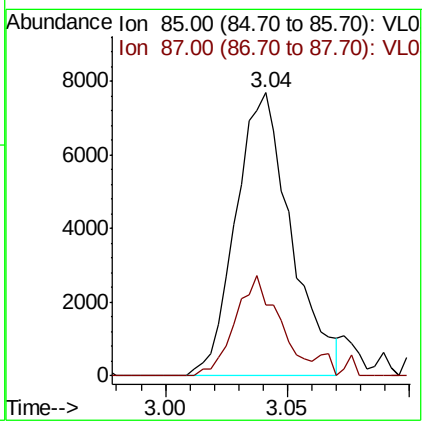


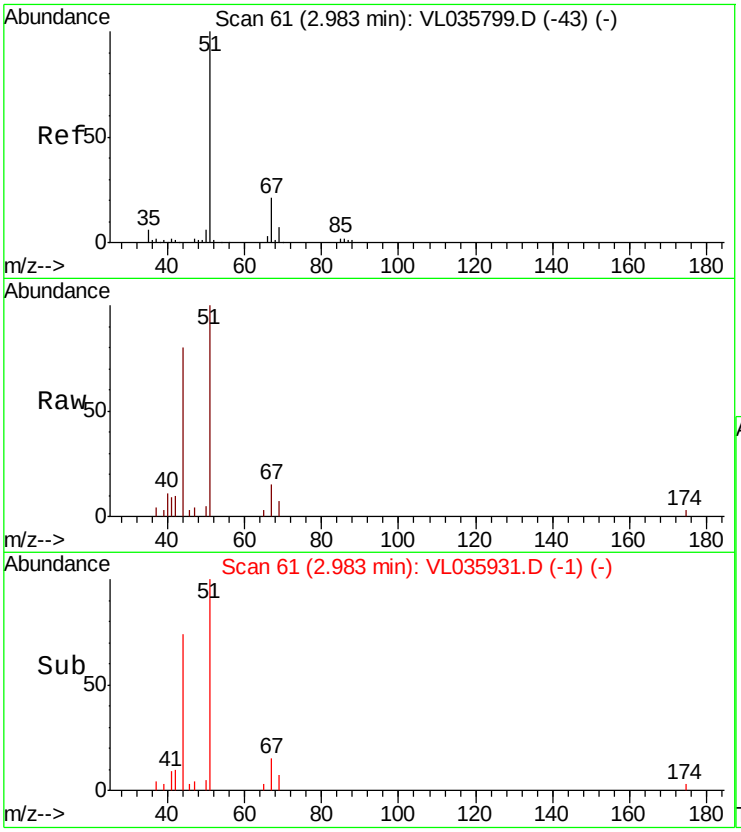


#2
Dichlorodifluoromethane
Concen: 0.060 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion: 85 Resp: 12088

Ion	Ratio	Lower	Upper
85	100		
87	25.1	27.1	40.7#



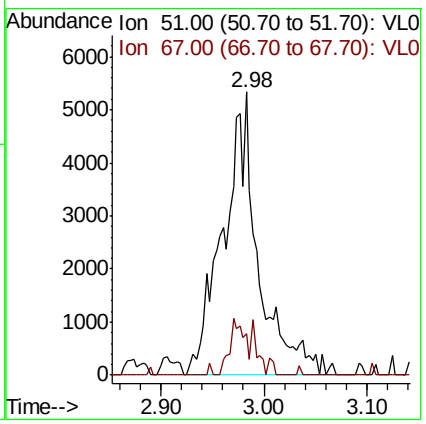


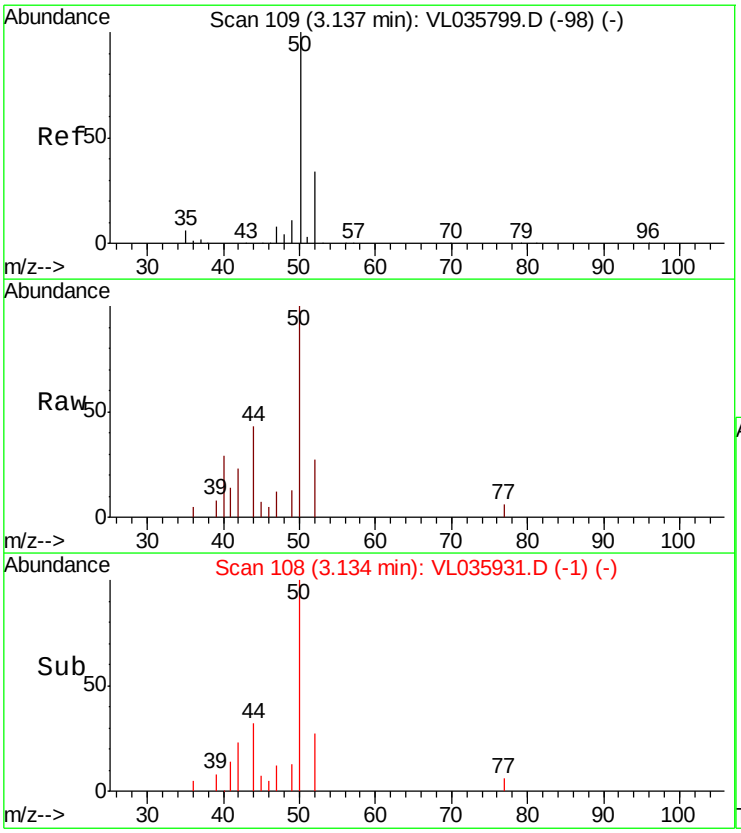
#3
Chlorodifluoromethane
Concen: 0.100 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument :
MSVOA_L
ClientSampleId :
LA-4DL

Tgt Ion: 51 Resp: 12785

Ion	Ratio	Lower	Upper
51	100		
67	12.9	17.0	25.4#

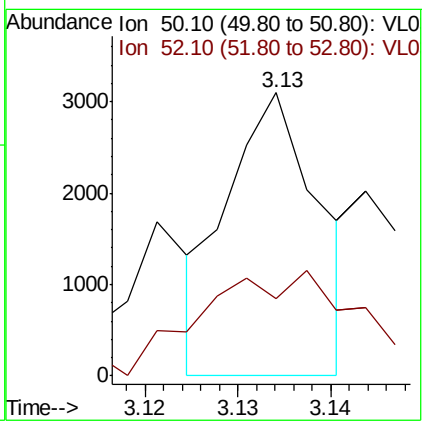


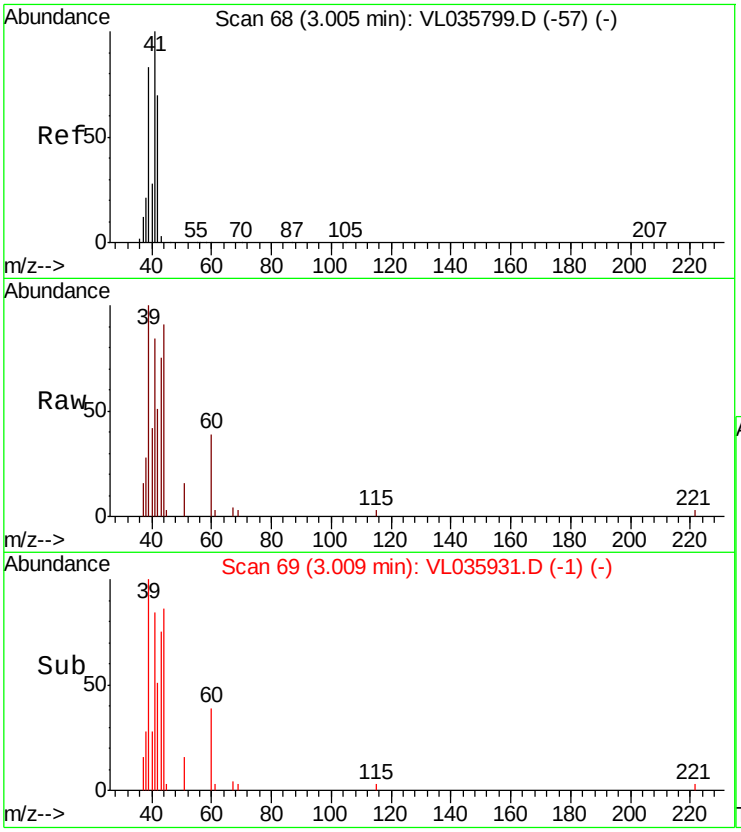


#4
Chloromethane
Concen: 0.034 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion: 50 Resp: 2116

Ion	Ratio	Lower	Upper
50	100		
52	20.3	27.1	40.7#



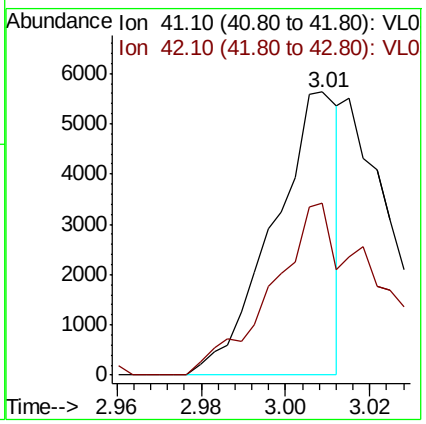


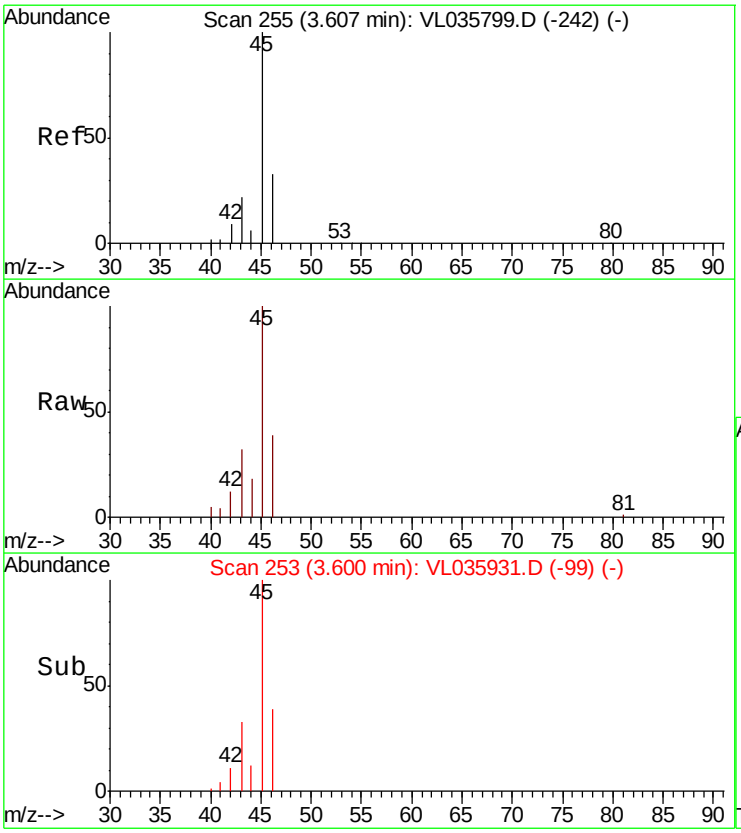
#9
Propene
Concen: 0.129 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument : MSVOA_L
ClientSampleId : LA-4DL

Tgt Ion: 41 Resp: 6029

Ion	Ratio	Lower	Upper
41	100		
42	108.5	56.2	84.4#

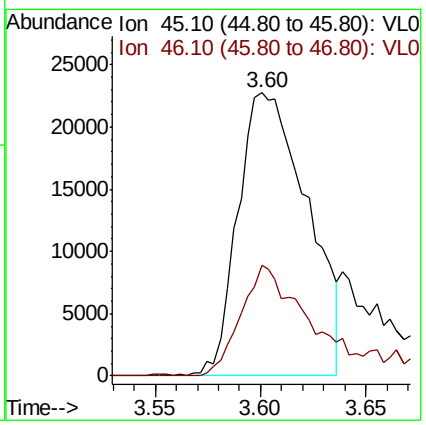


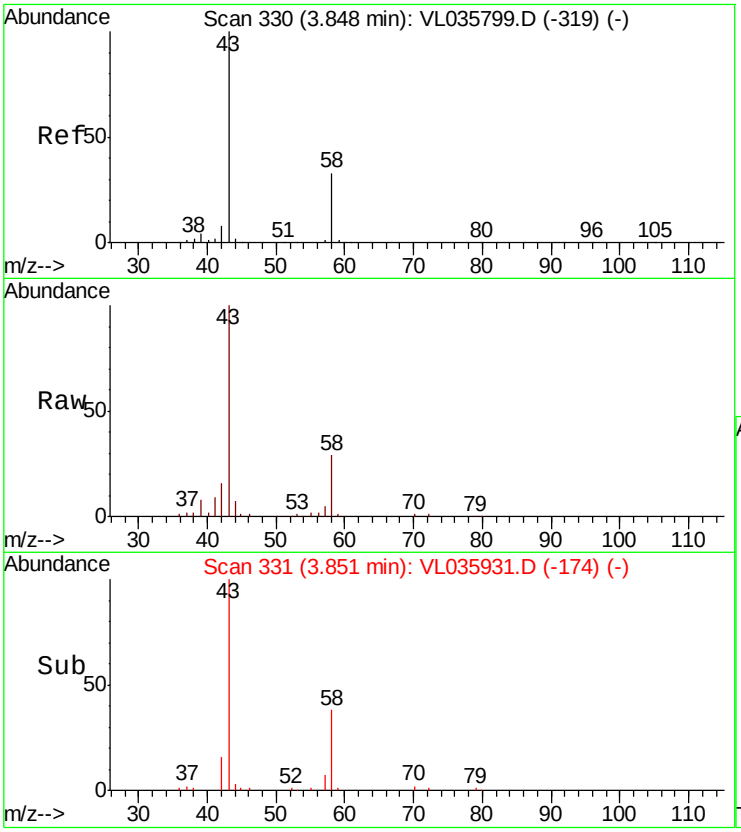


#13
Ethanol
Concen: 5.116 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion: 45 Resp: 51915

Ion	Ratio	Lower	Upper
45	100		
46	44.8	16.1	64.5



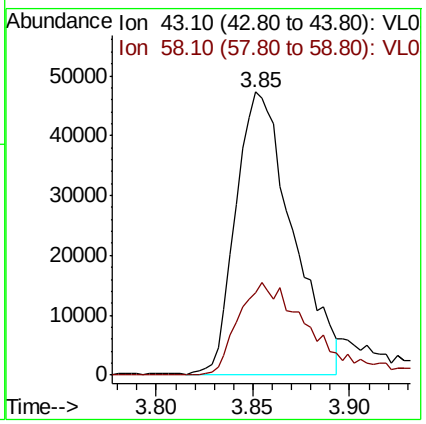


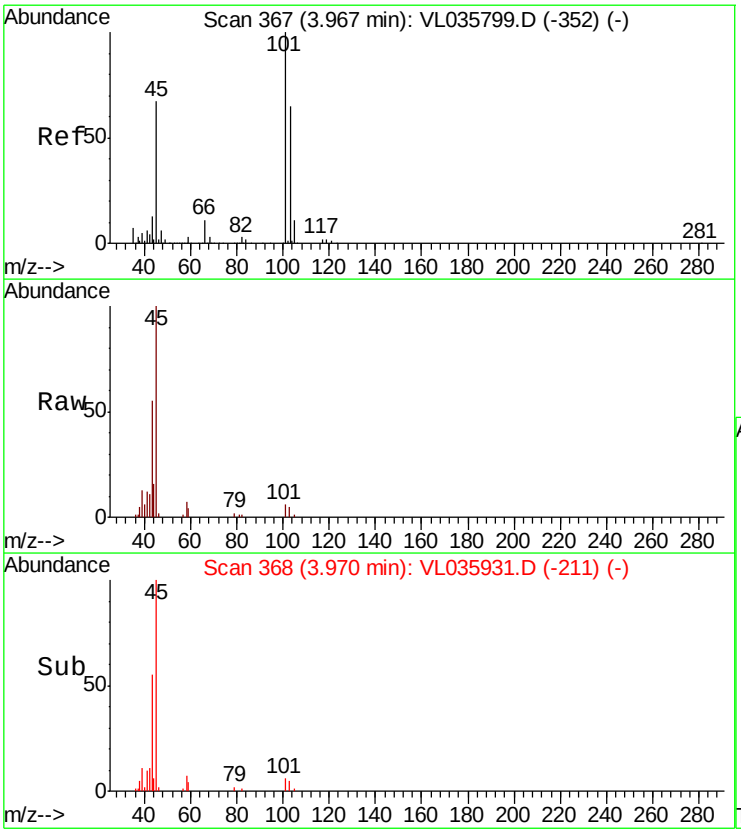
#15
Acetone
Concen: 0.841 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument : MSVOA_L
ClientSampleId : LA-4DL

Tgt Ion: 43 Resp: 95905

Ion	Ratio	Lower	Upper
43	100		
58	42.2	27.5	41.3#

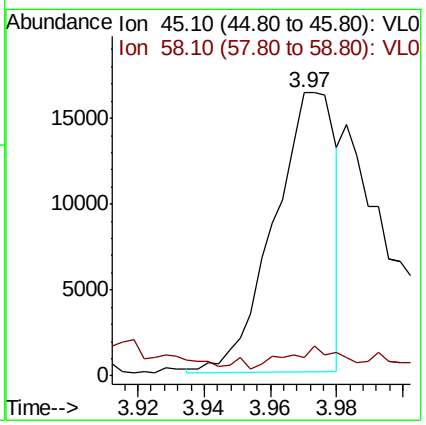


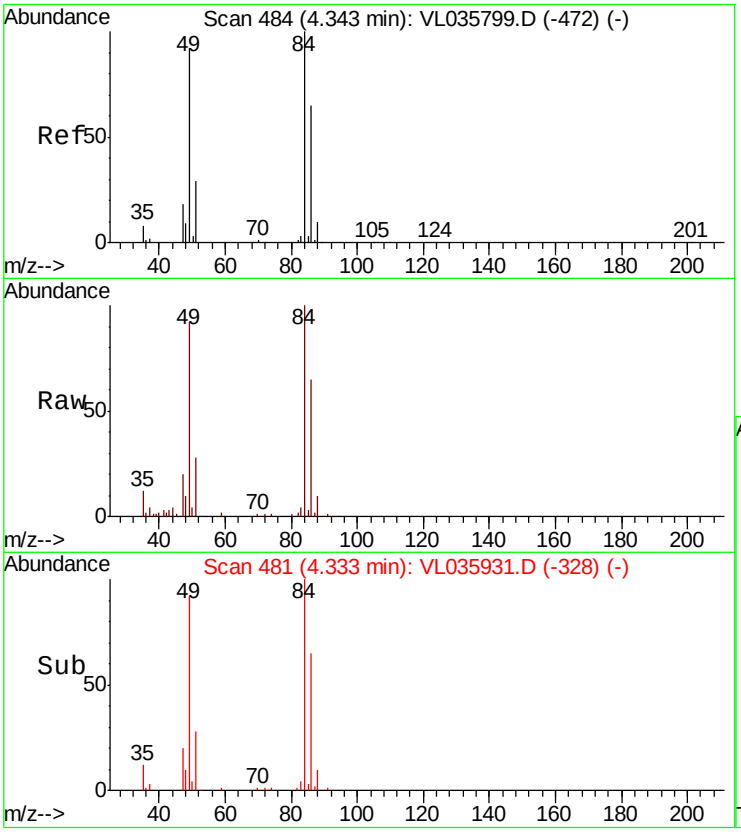


#19
Isopropyl Alcohol
Concen: 0.299 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion: 45 Resp: 20933

Ion	Ratio	Lower	Upper
45	100		
58	20.7	2.6	3.8#



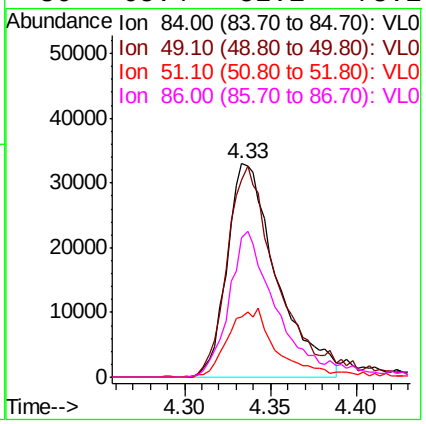


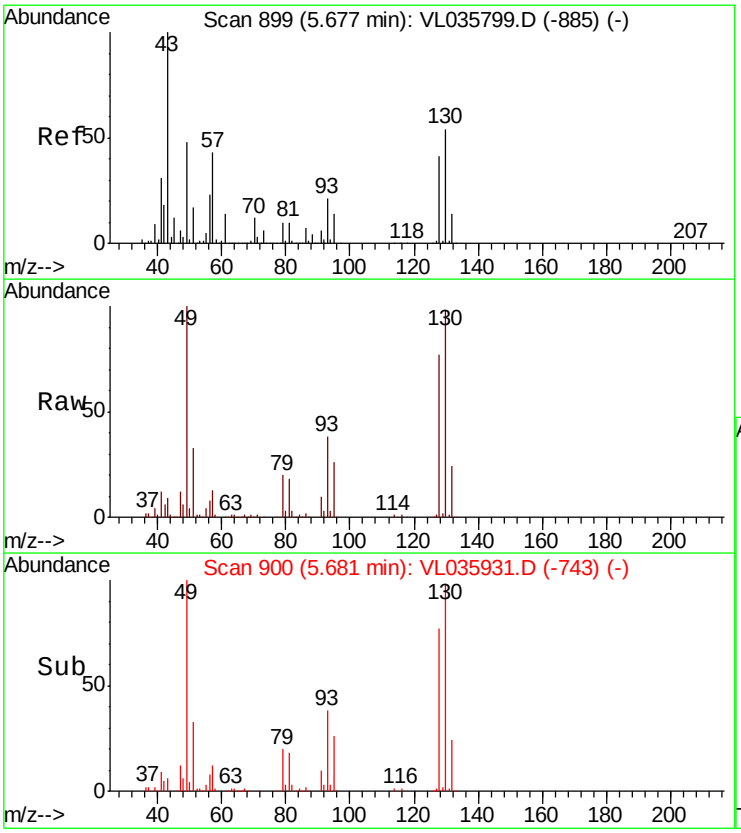
#20
Methylene Chloride
Concen: 0.828 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument : MSVOA_L
ClientSampleId : LA-4DL

Tgt Ion: 84 Resp: 66520

Ion	Ratio	Lower	Upper
84	100		
49	92.2	73.8	110.8
51	27.8	23.0	34.4
86	65.4	52.1	78.1

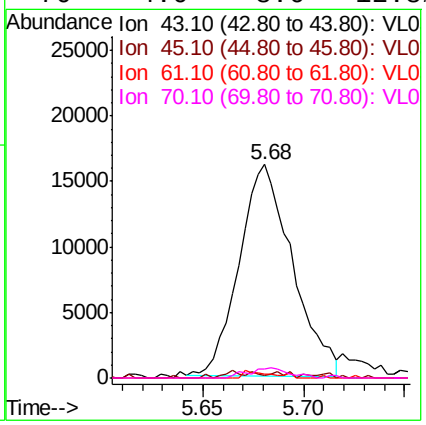


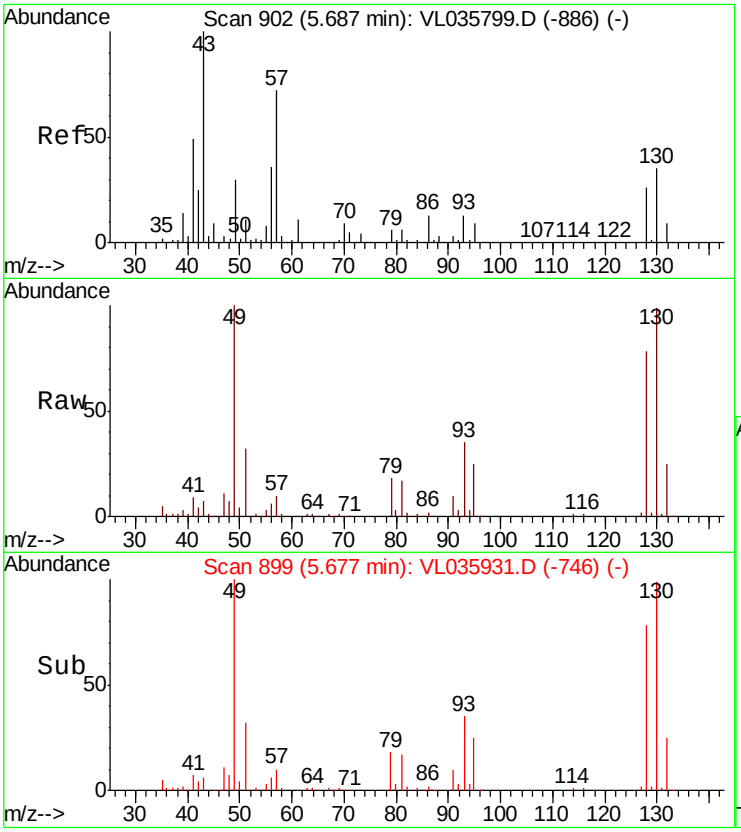


#25
Ethyl Acetate
Concen: 0.132 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion: 43 Resp: 29699

Ion	Ratio	Lower	Upper
43	100		
45	1.9	8.5	12.7#
61	0.0	10.7	16.1#
70	4.0	8.6	12.8#



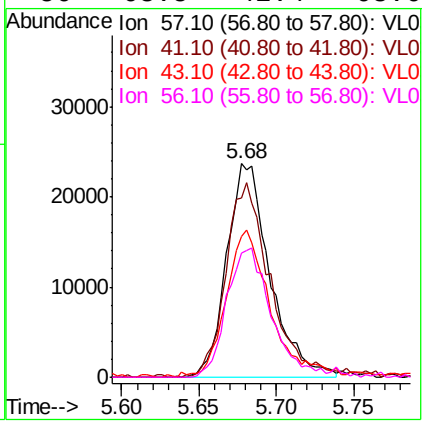


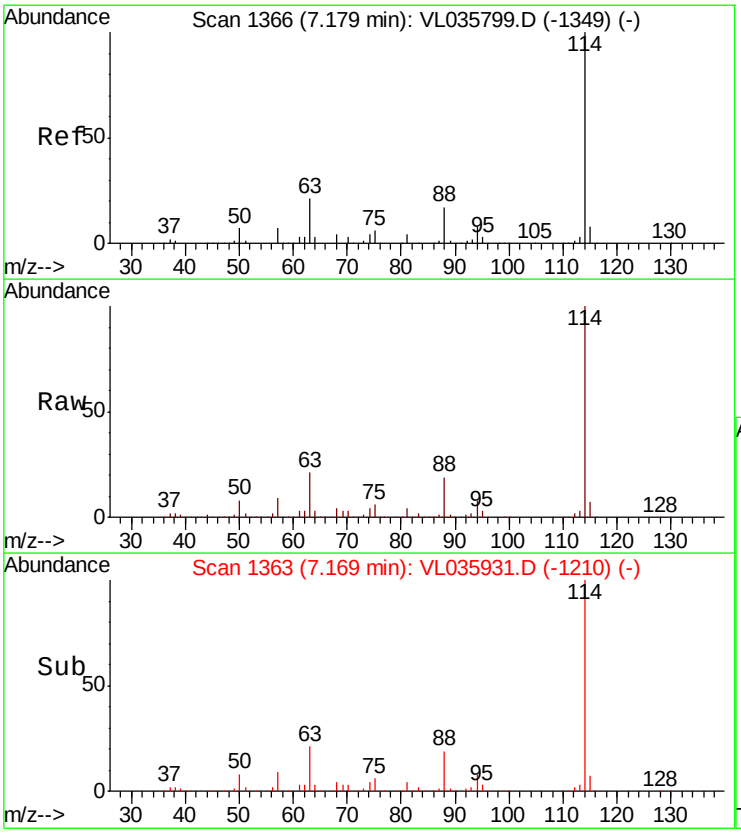
#26
Hexane
Concen: 0.371 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument :
MSVOA_L
ClientSampleId :
LA-4DL

Tgt Ion: 57 Resp: 45963

Ion	Ratio	Lower	Upper
57	100		
41	94.5	58.9	88.3#
43	72.0	150.2	225.2#
56	63.5	42.4	63.6

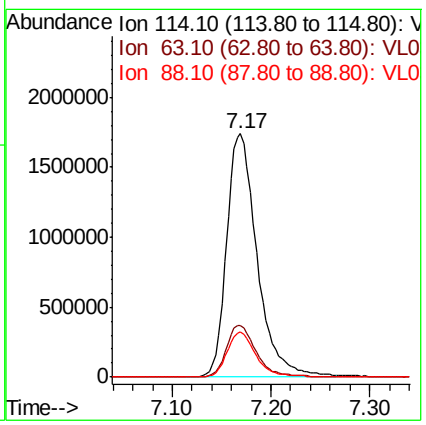


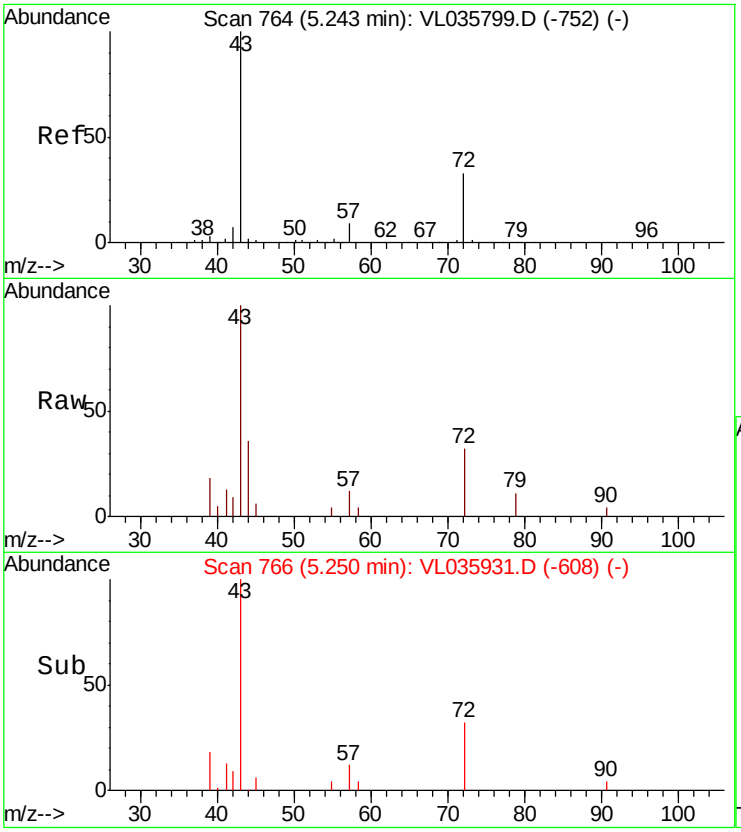


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion:114 Resp: 3756541

Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.1	24.1
88	17.7	13.7	20.5



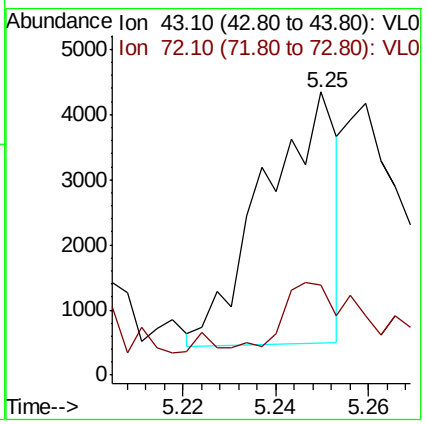


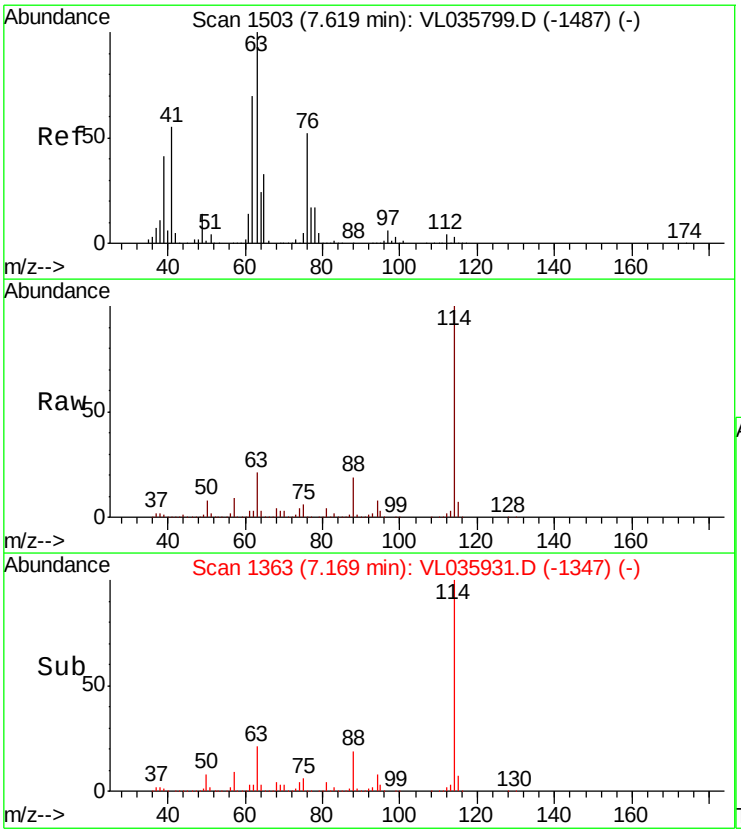
#34
2-Butanone
Concen: 0.034 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument : MSVOA_L
ClientSampleId : LA-4DL

Tgt Ion: 43 Resp: 4179

Ion	Ratio	Lower	Upper
43	100		
72	74.4	26.5	39.7#

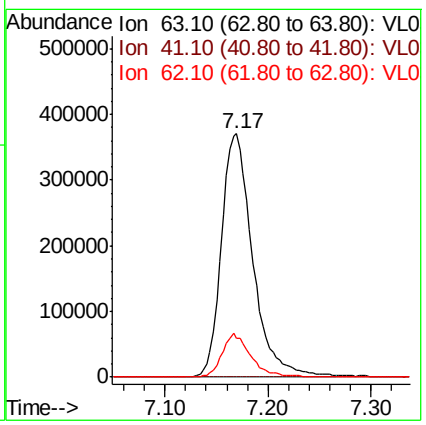


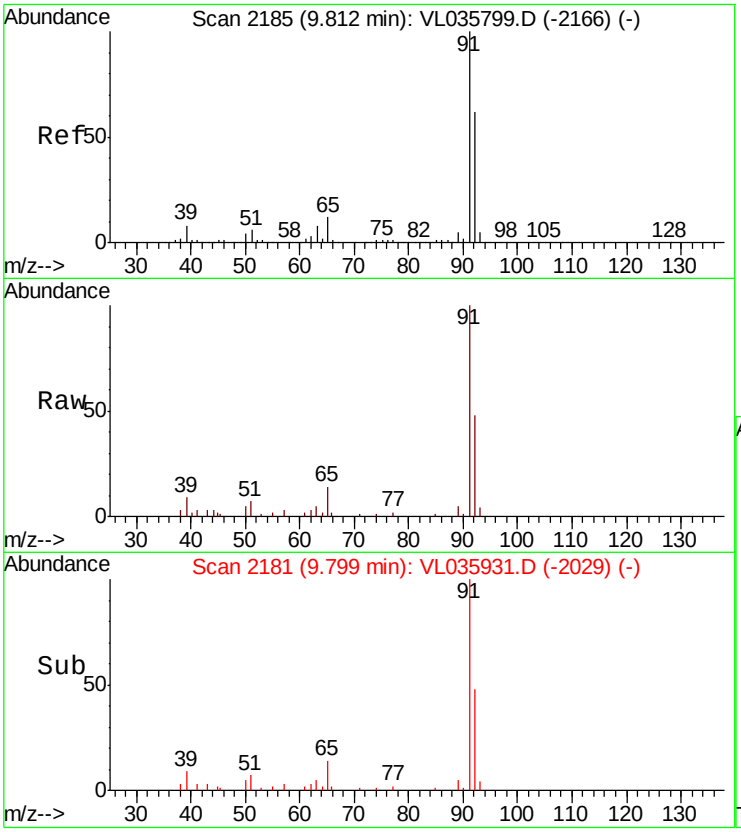


#39
1,2-Dichloropropane
Concen: 8.338 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion: 63 Resp: 783961

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	15.8	56.2	84.2#



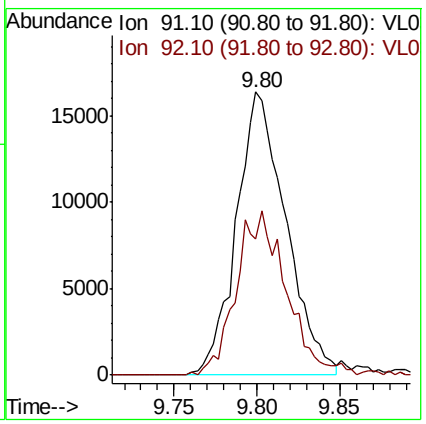


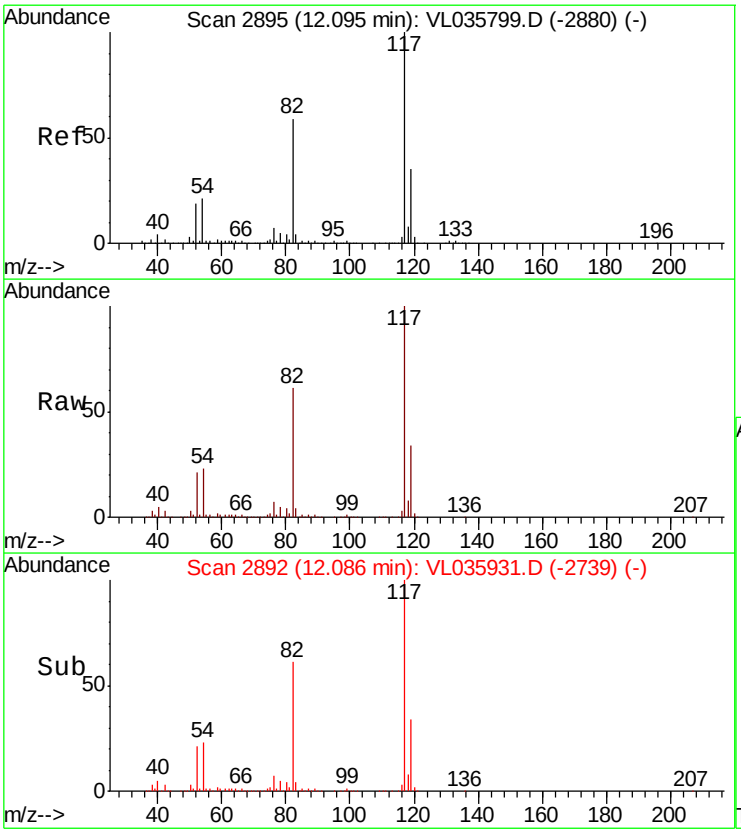
#53
Toluene
Concen: 0.101 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument :
MSVOA_L
ClientSampleId :
LA-4DL

Tgt Ion: 91 Resp: 33949

Ion	Ratio	Lower	Upper
91	100		
92	59.2	49.8	74.6

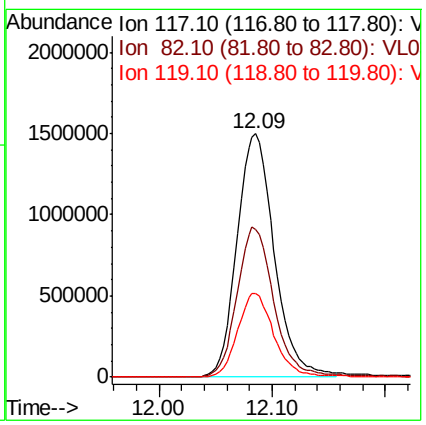


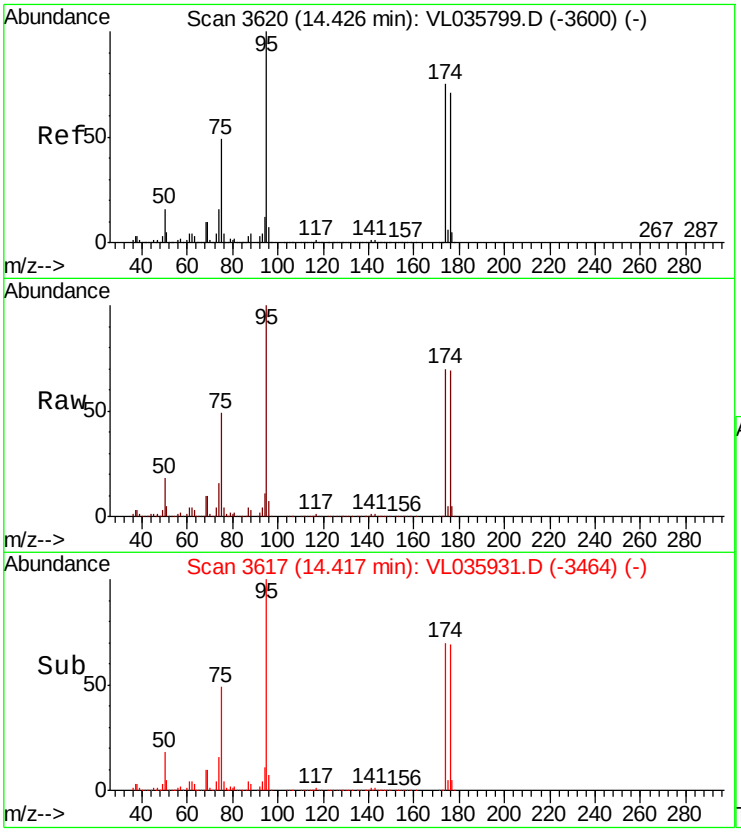


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Tgt Ion:117 Resp: 3442419

Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.6	76.0
119	34.3	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.430 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL035931.D
Acq: 13 Nov 2020 2:34

Instrument :
MSVOA_L
ClientSampleId :
LA-4DL

Tgt Ion: 95 Resp: 2550921

Ion	Ratio	Lower	Upper
95	100		
174	71.7	59.8	89.6
175	5.0	4.3	6.5