Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035933.D
Acq On : 13 Nov 2020 3:53
Operator : SY/AP
Sample : L4721-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Quant Time: Nov 13 05:06:08 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	5.66	49	1099530	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3809029	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3541383	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2589852	10.29	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	10763	0.052	ppbv	94
3) Chlorodifluoromethane	2.98	51	12627	0.096	ppbv #	81
9) Propene	3.01	41	10975	0.228	ppbv	96
13) Ethanol	3.60	45	2264769	216.614	ppbv	94
15) Acetone	3.85	43	178002	1.514	ppbv	94
16) 1,3-Butadiene	3.35	39	11461	0.226	ppbv #	3
17) tert-Butyl alcohol	4.29	59	7087	0.045	ppbv #	72
19) Isopropyl Alcohol	3.97	45	737978	10.216	ppbv #	98
20) Methylene Chloride	4.34	84	76043	0.919	ppbv	97
23) Vinyl Acetate	5.06	43	7543	0.046	ppbv #	82
25) Ethyl Acetate	5.68	43	34500	0.149	ppbv #	77
26) Hexane	5.68	57	49092	0.384	ppbv #	46
34) 2-Butanone	5.25	43	7515	0.061	ppbv #	76
39) 1,2-Dichloropropane	7.17	63	781982	8.202	ppbv #	30
53) Toluene	9.80	91	22130	0.065	ppbv #	19

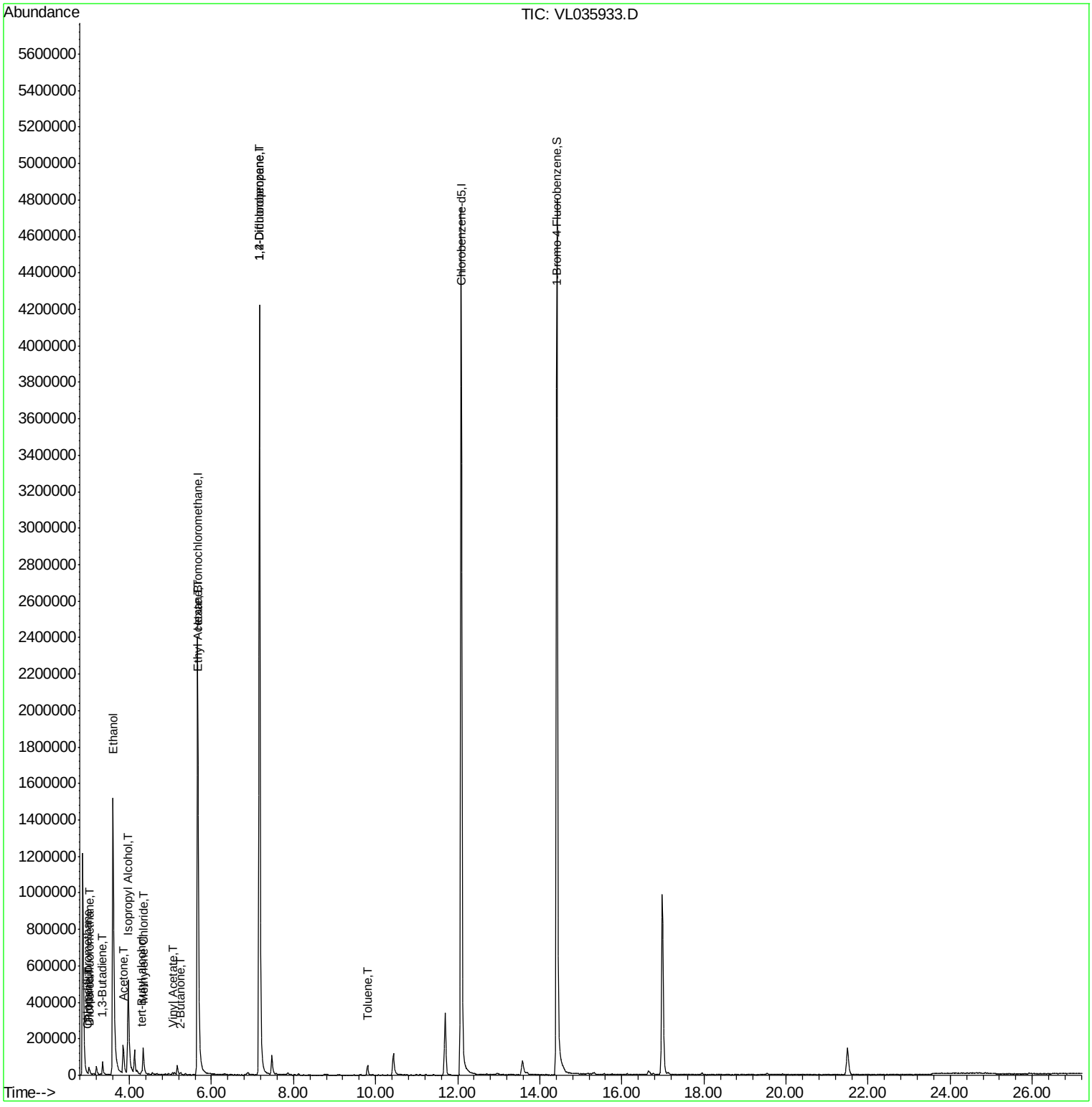
(#) = qualifier out of range (m) = manual integration (+) = signals summed

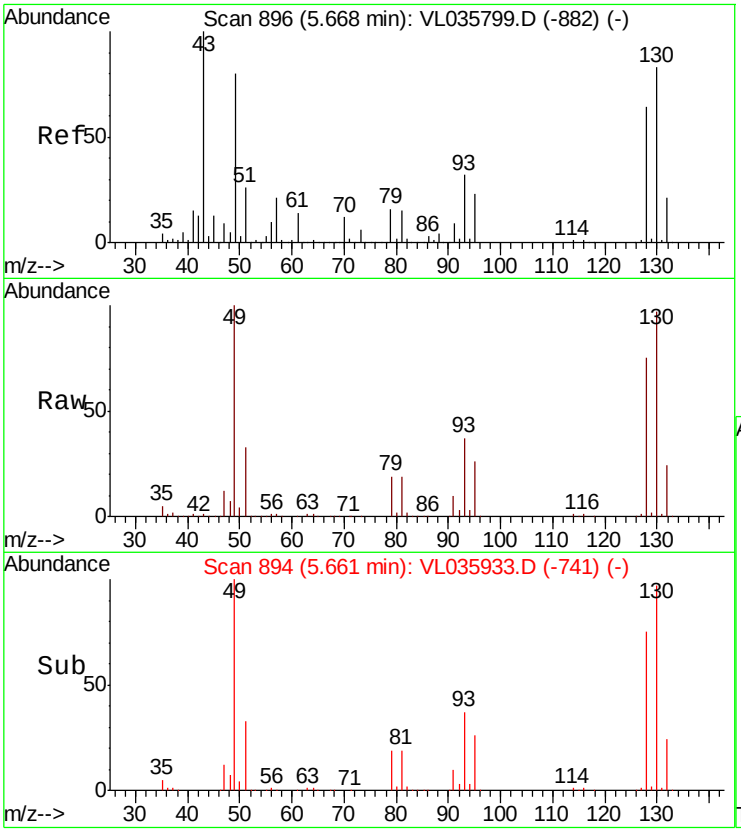
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035933.D
Acq On : 13 Nov 2020 3:53
Operator : SY/AP
Sample : L4721-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Quant Time: Nov 13 05:06:08 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



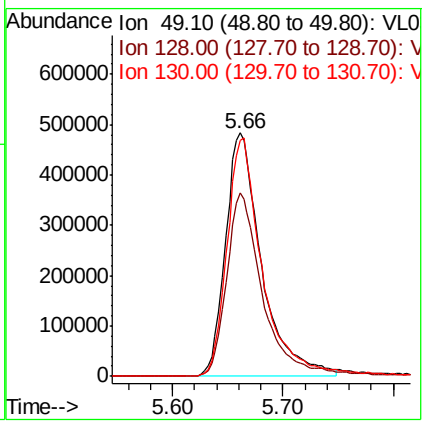


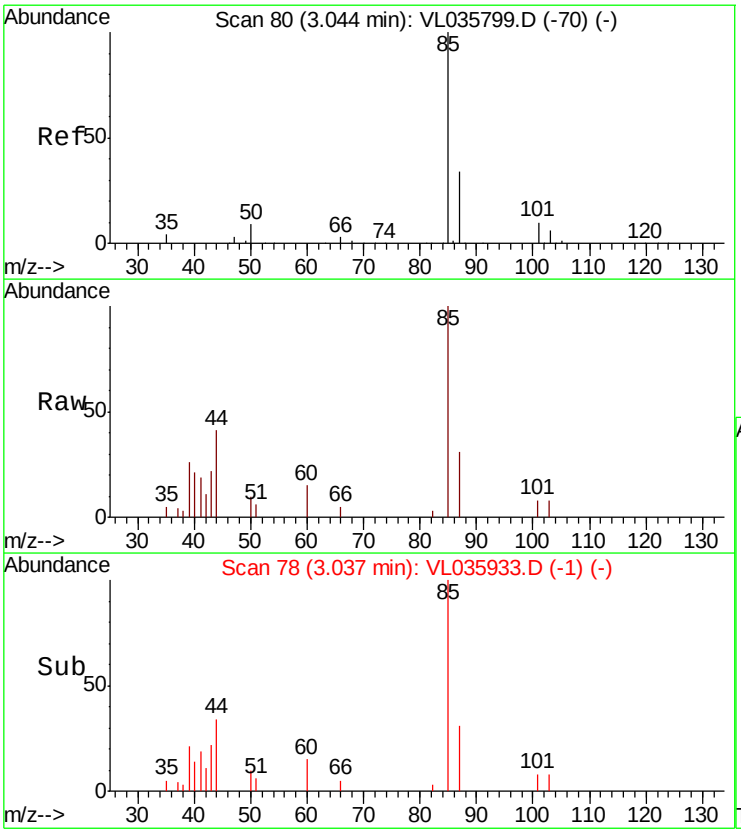
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

Tgt Ion: 49 Resp: 1099530

Ion	Ratio	Lower	Upper
49	100		
128	76.4	41.5	124.6
130	98.8	53.7	161.1

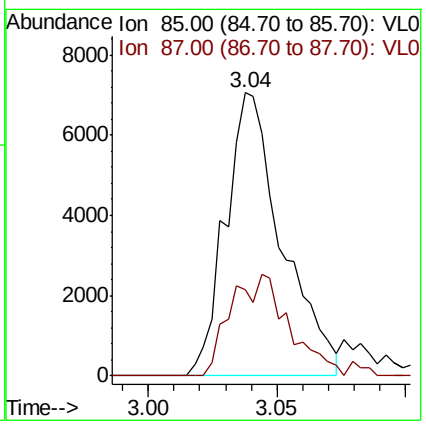


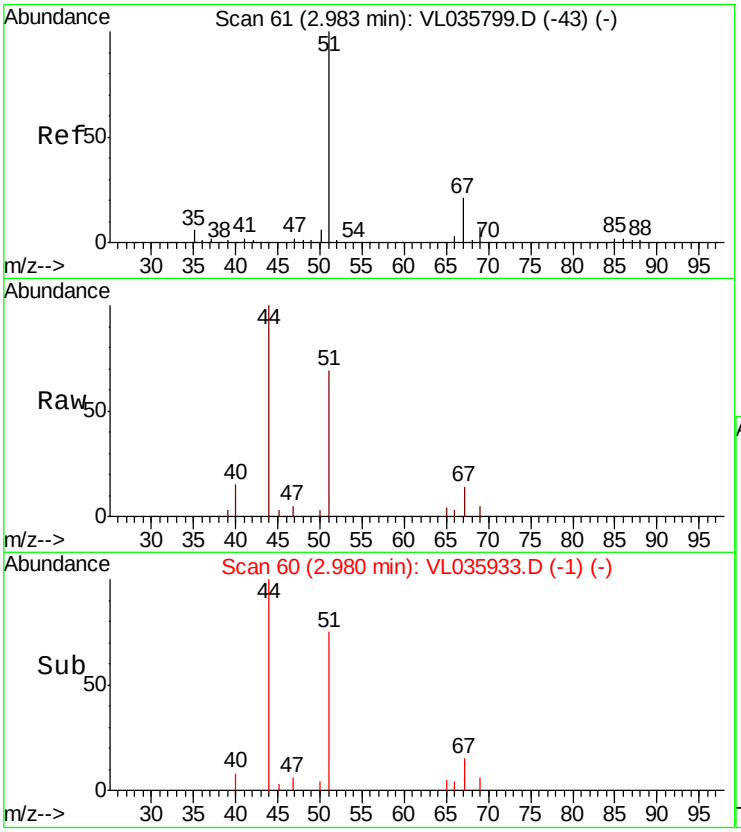


#2
Dichlorodifluoromethane
Concen: 0.052 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 85 Resp: 10763

Ion	Ratio	Lower	Upper
85	100		
87	30.6	27.1	40.7



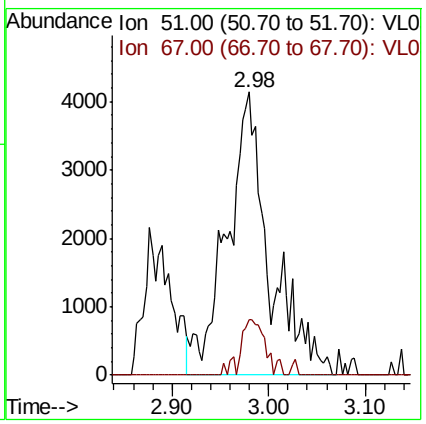


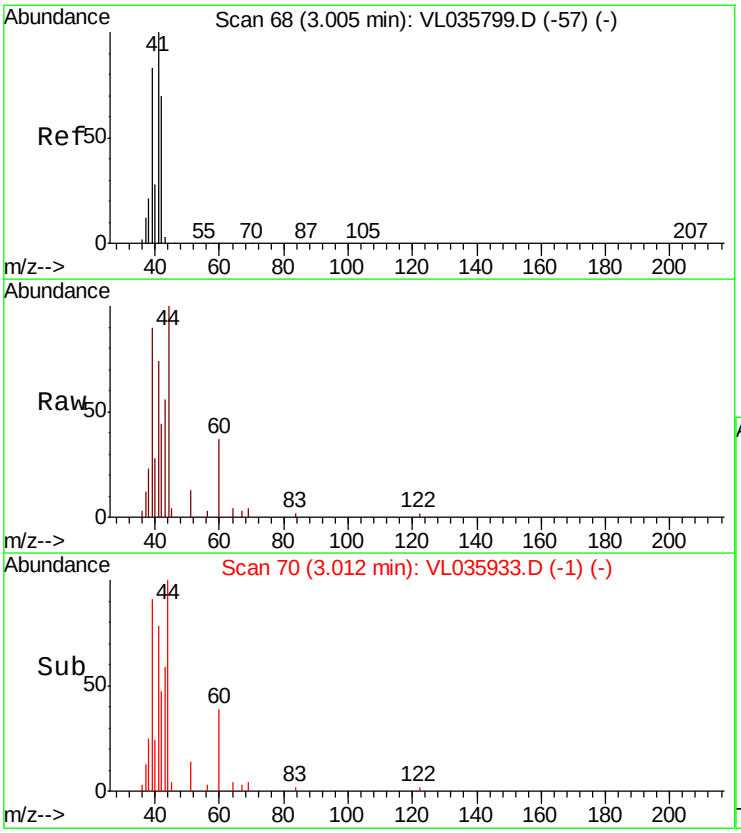
#3
Chlorodifluoromethane
Concen: 0.096 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

Tgt Ion: 51 Resp: 12627

Ion	Ratio	Lower	Upper
51	100		
67	12.1	17.0	25.4#

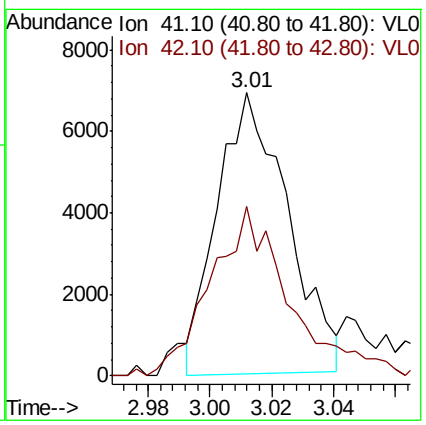


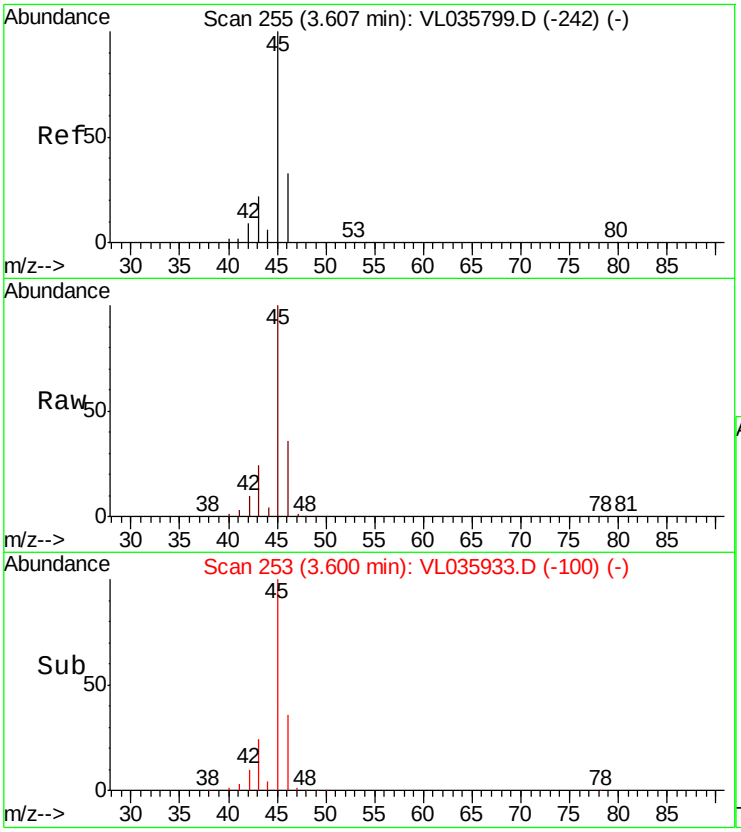


#9
Propene
Concen: 0.228 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 41 Resp: 10975

Ion	Ratio	Lower	Upper
41	100		
42	67.4	56.2	84.4



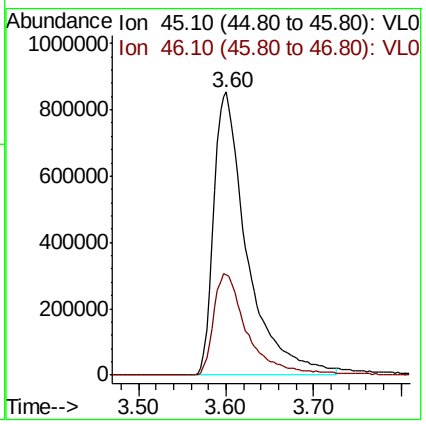


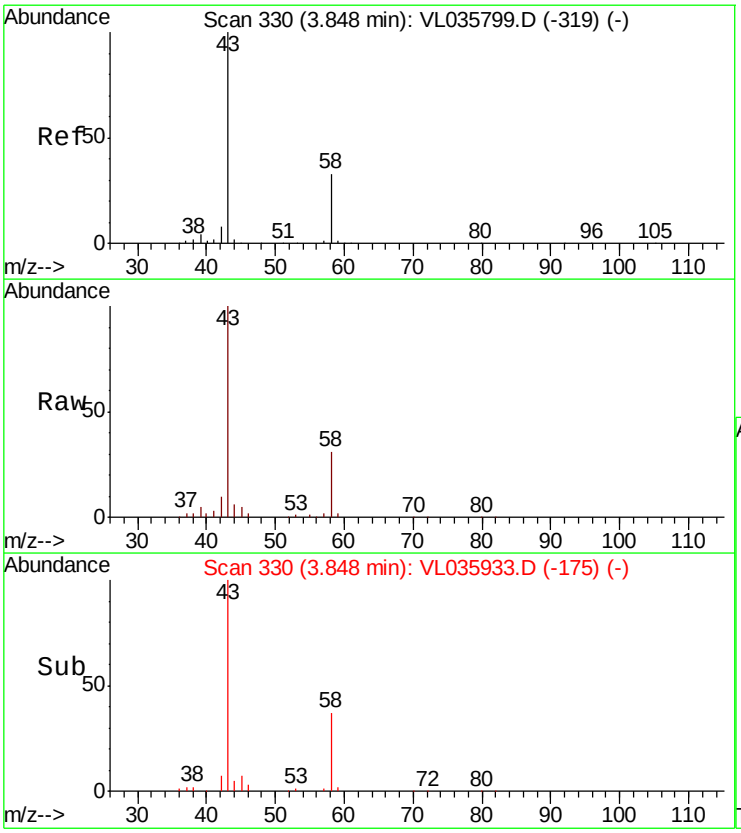
#13
Ethanol
Concen: 216.614 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Tgt Ion: 45 Resp: 2264769

Ion	Ratio	Lower	Upper
45	100		
46	36.7	16.1	64.5

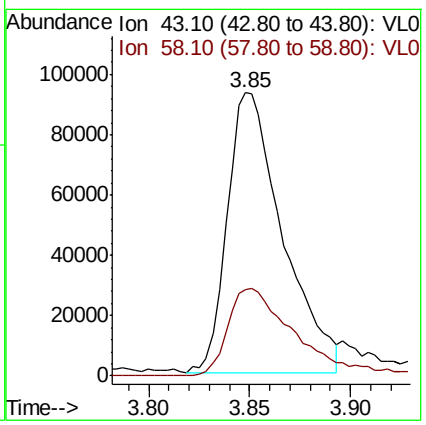


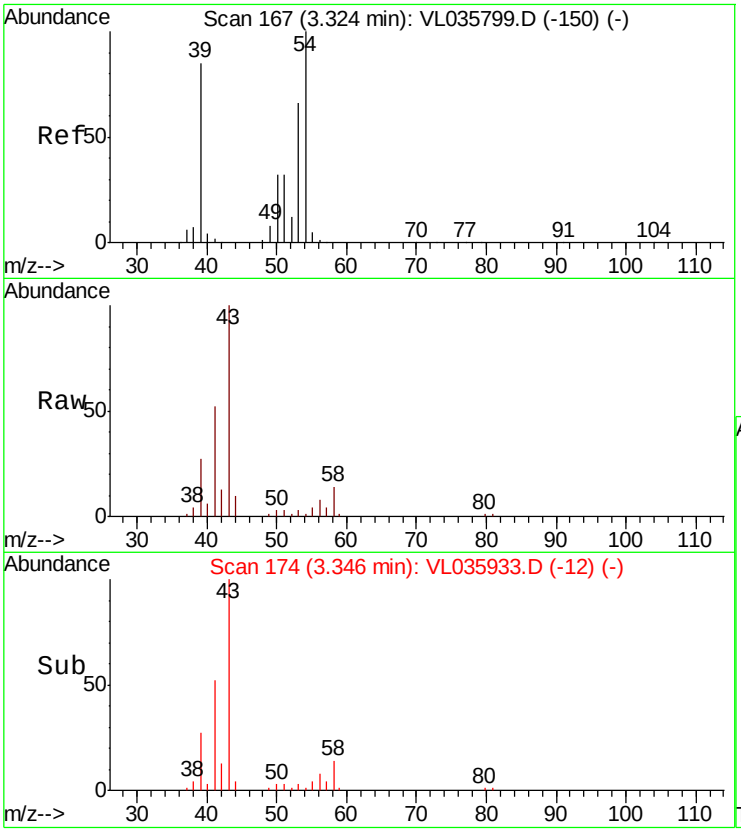


#15
Acetone
Concen: 1.514 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 43 Resp: 178002

Ion	Ratio	Lower	Upper
43	100		
58	37.9	27.5	41.3



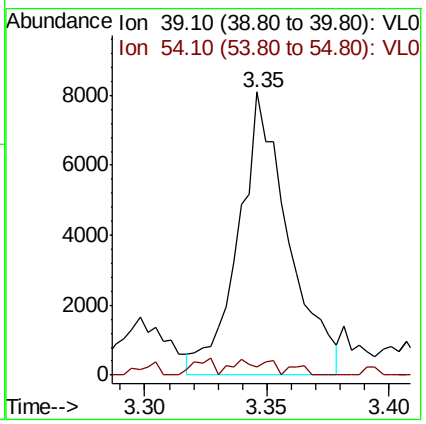


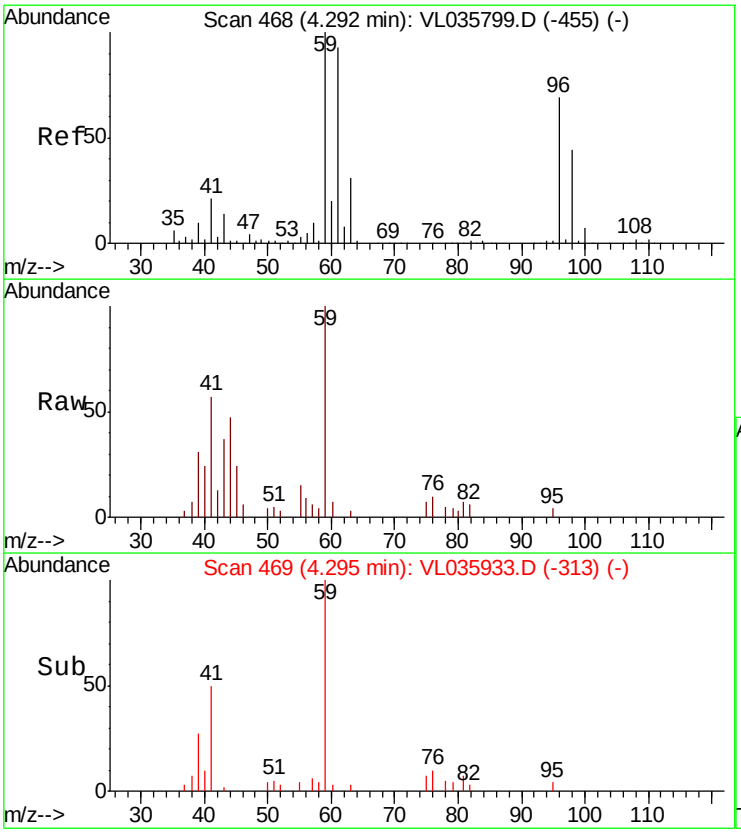
#16
1,3-Butadiene
Concen: 0.226 ppbv
RT: 3.35 min Scan# 174
Delta R.T. 0.02 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

Tgt Ion: 39 Resp: 11461

Ion	Ratio	Lower	Upper
39	100		
54	7.4	87.1	130.7#

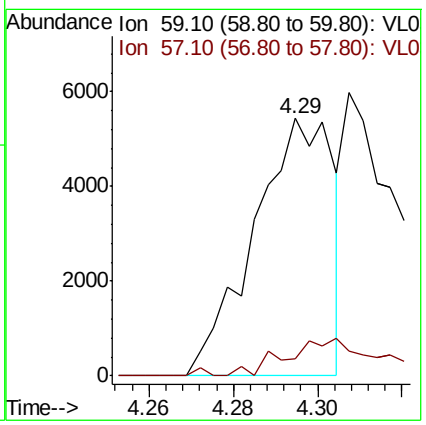


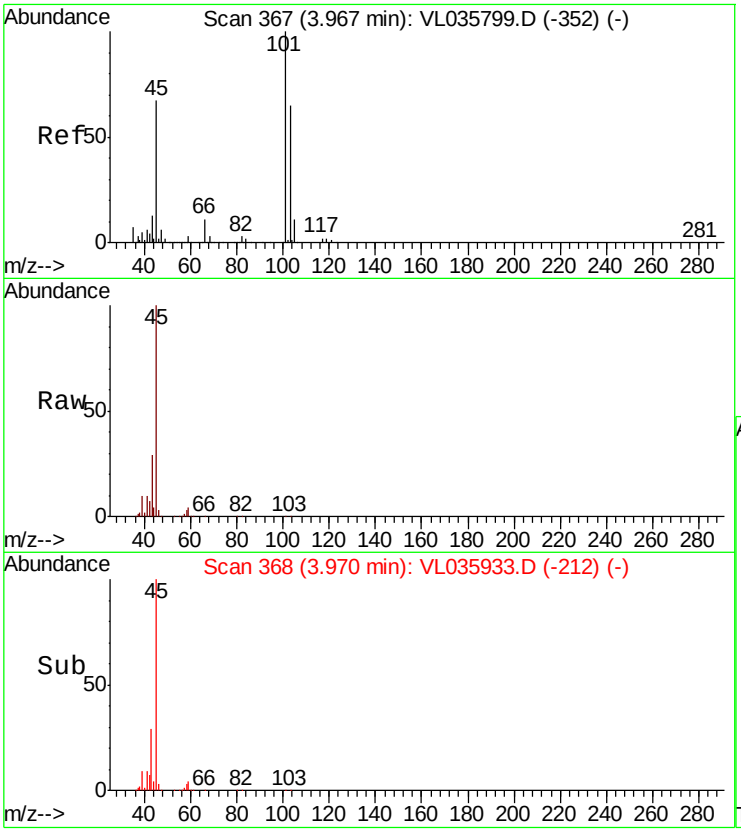


#17
tert-Butyl alcohol
Concen: 0.045 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 59 Resp: 7087

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



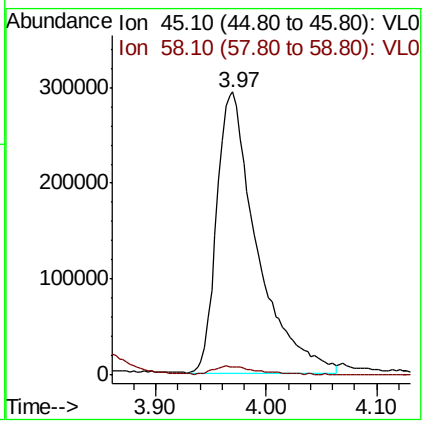


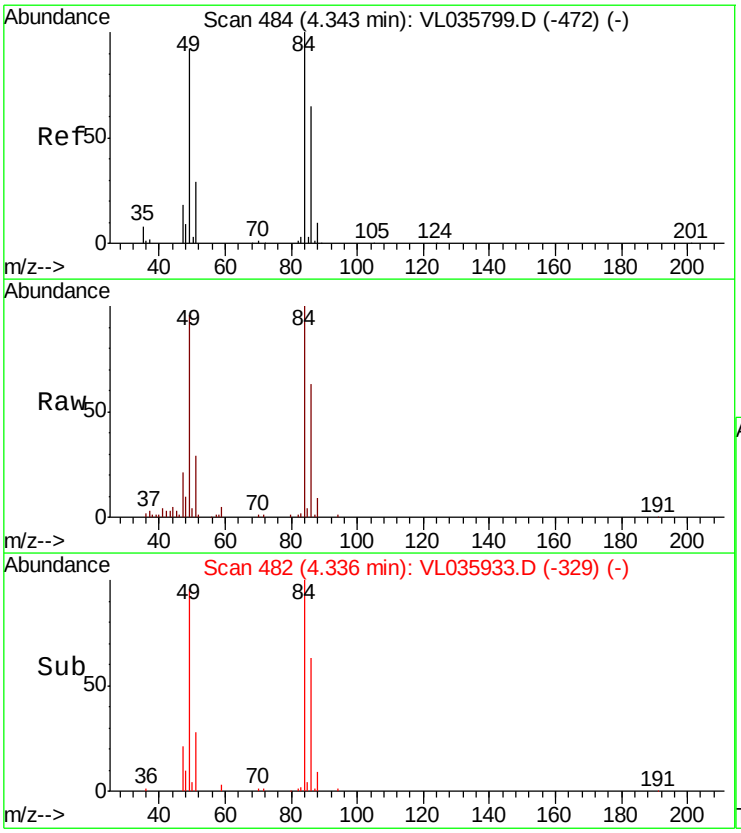
#19
Isopropyl Alcohol
Concen: 10.216 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Tgt Ion: 45 Resp: 737978

Ion	Ratio	Lower	Upper
45	100		
58	3.9	2.6	3.8#

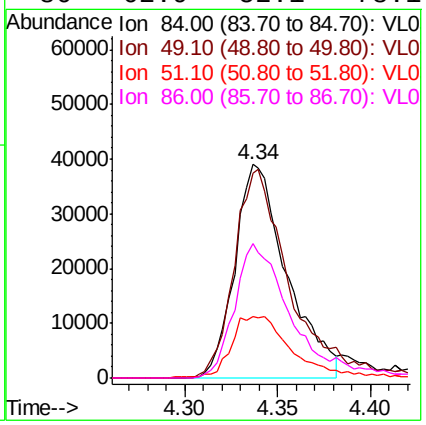


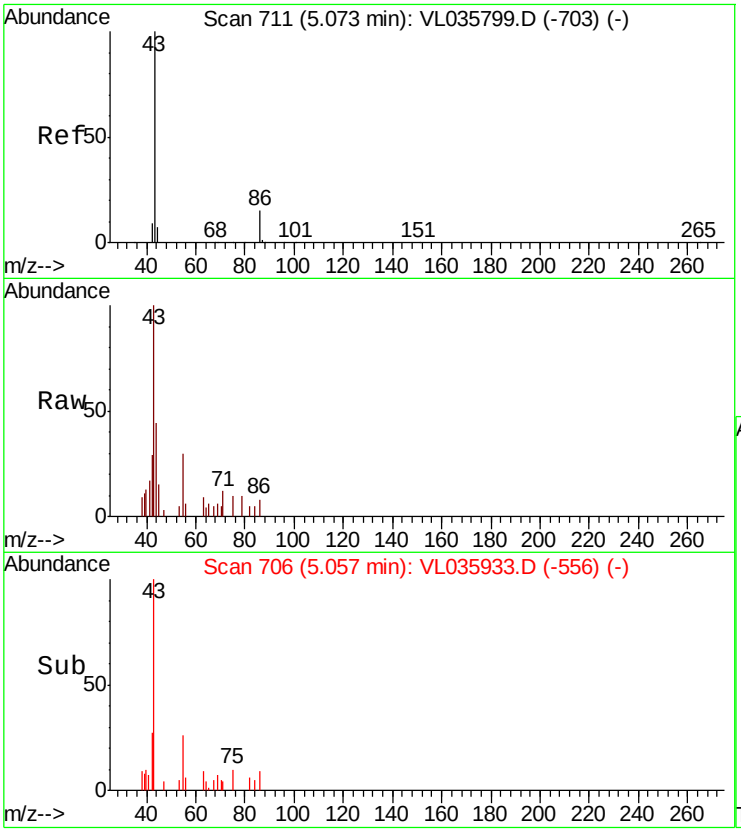


#20
Methylene Chloride
Concen: 0.919 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 84 Resp: 76043

Ion	Ratio	Lower	Upper
84	100		
49	96.2	73.8	110.8
51	28.3	23.0	34.4
86	62.9	52.1	78.1



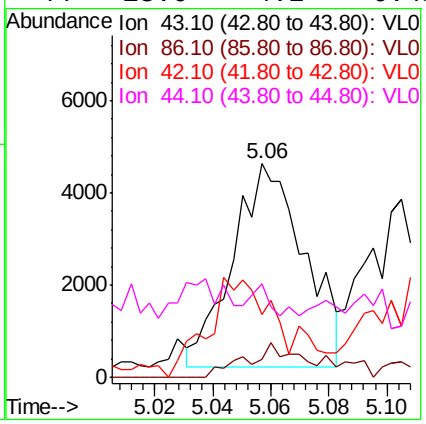


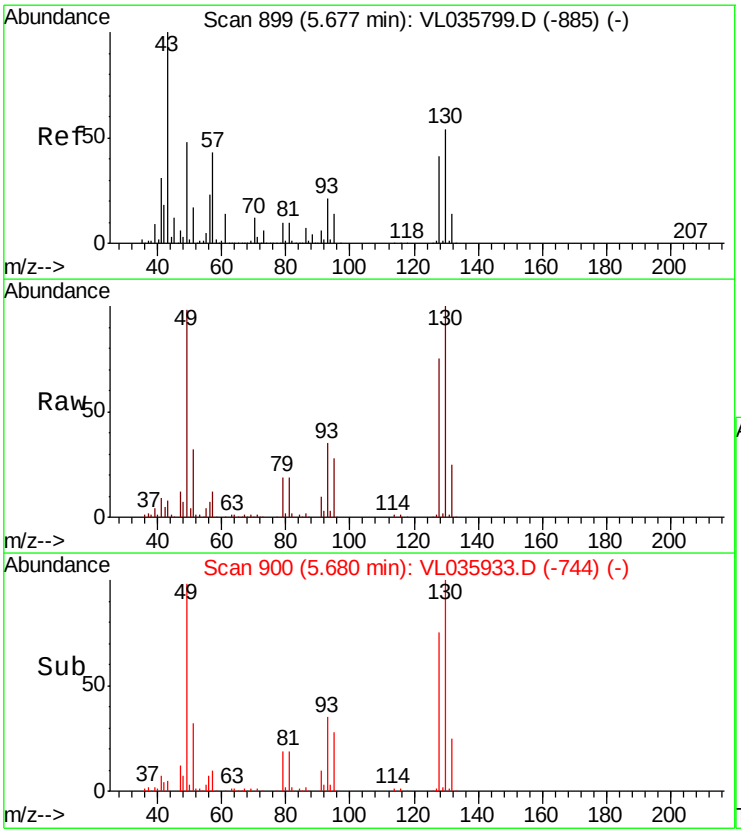
#23
Vinyl Acetate
Concen: 0.046 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Tgt Ion: 43 Resp: 7543

Ion	Ratio	Lower	Upper
43	100		
86	9.6	9.8	14.6#
42	20.9	8.1	12.1#
44	13.0	4.2	6.4#

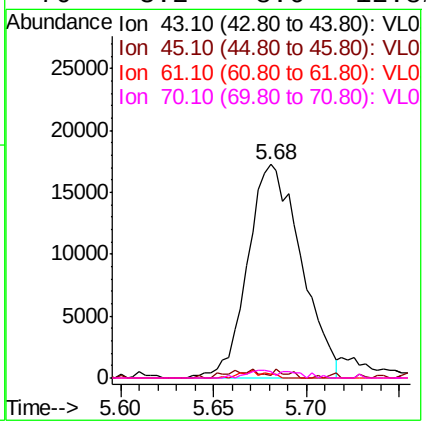


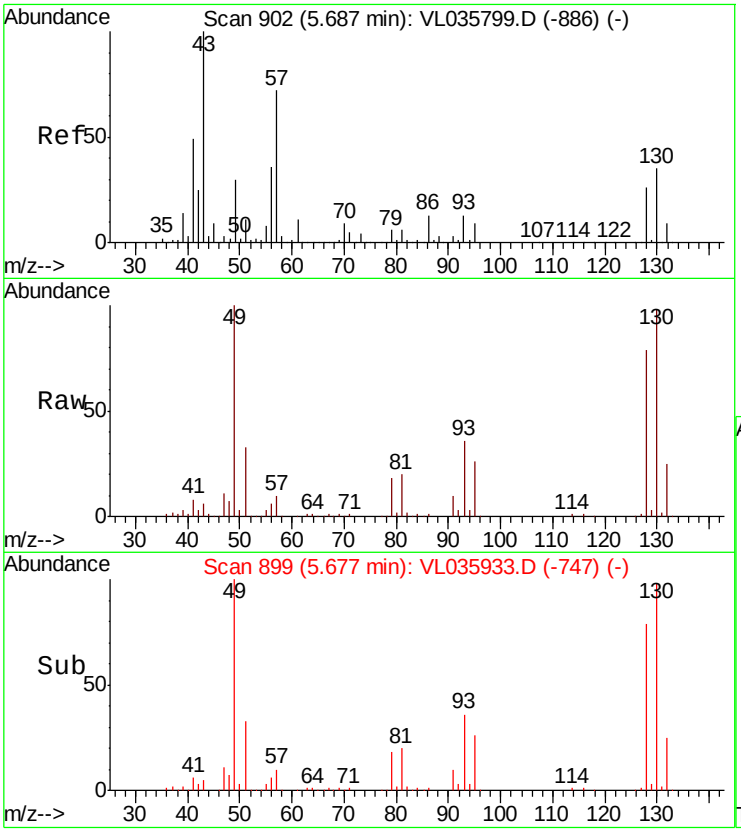


#25
Ethyl Acetate
Concen: 0.149 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 43 Resp: 34500

Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.5	12.7#
61	1.7	10.7	16.1#
70	3.2	8.6	12.8#



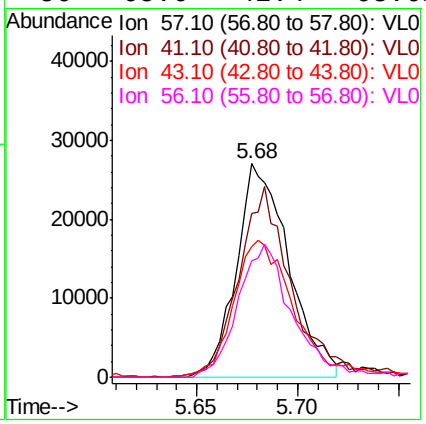


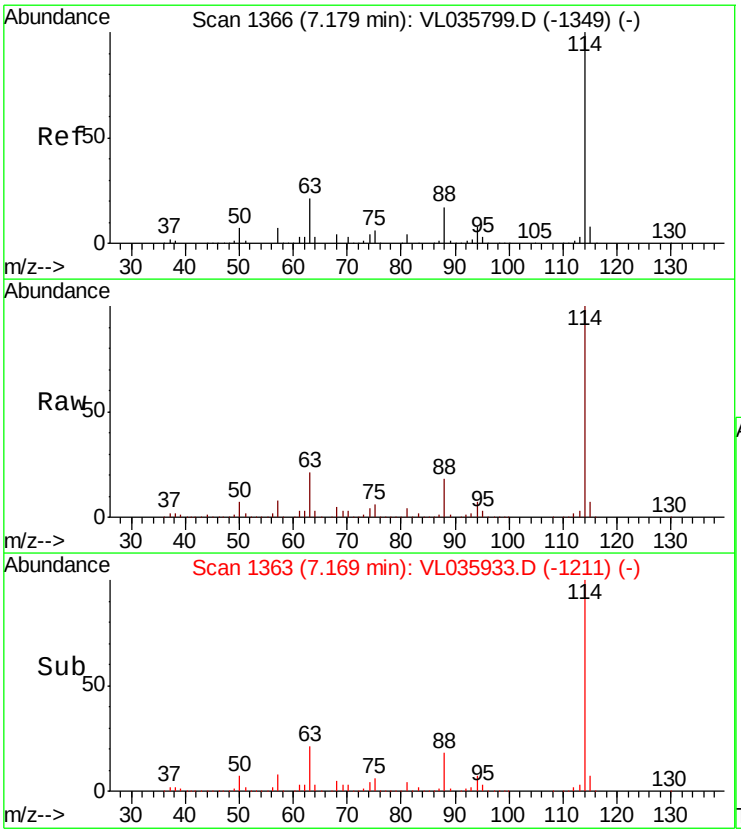
#26
Hexane
Concen: 0.384 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Tgt Ion: 57 Resp: 49092

Ion	Ratio	Lower	Upper
57	100		
41	93.1	58.9	88.3#
43	75.4	150.2	225.2#
56	65.6	42.4	63.6#

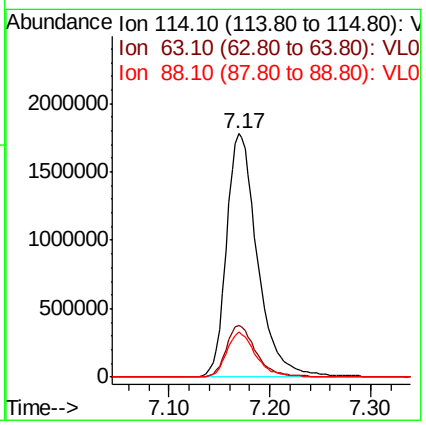


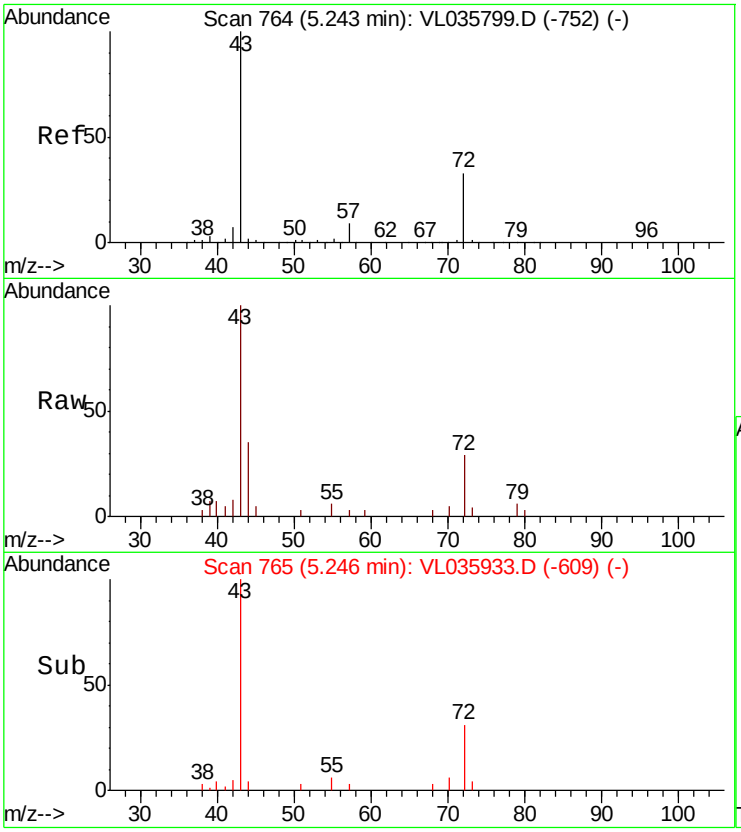


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion:114 Resp: 3809029

Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.1	24.1
88	17.6	13.7	20.5



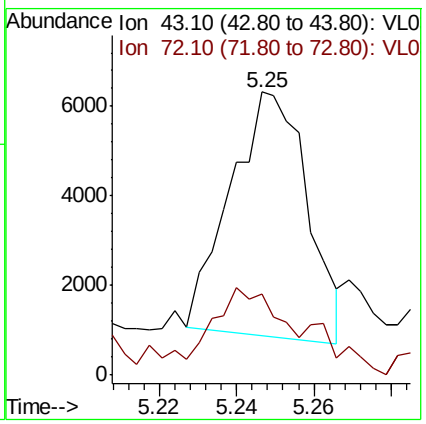


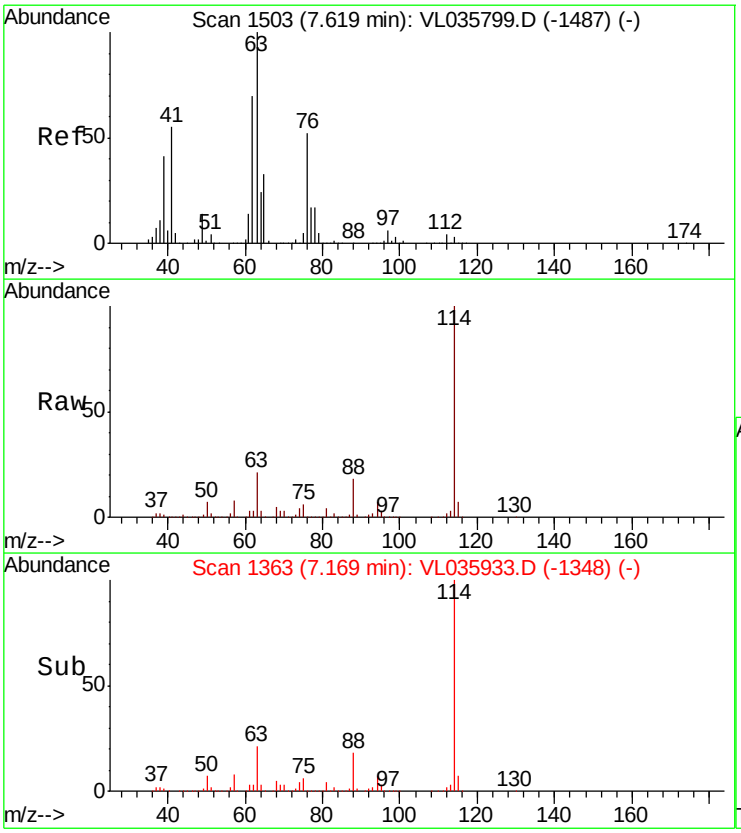
#34
2-Butanone
Concen: 0.061 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument : MSVOA_L
ClientSampleId : LA-5DL

Tgt Ion: 43 Resp: 7515

Ion	Ratio	Lower	Upper
43	100		
72	46.9	26.5	39.7#

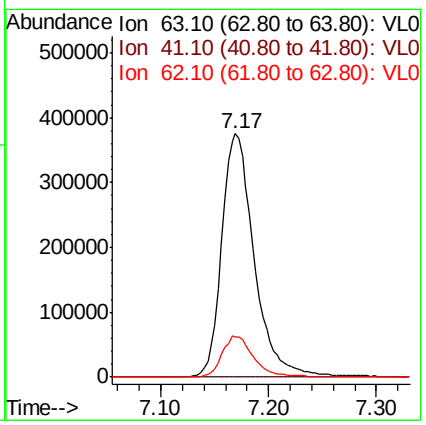


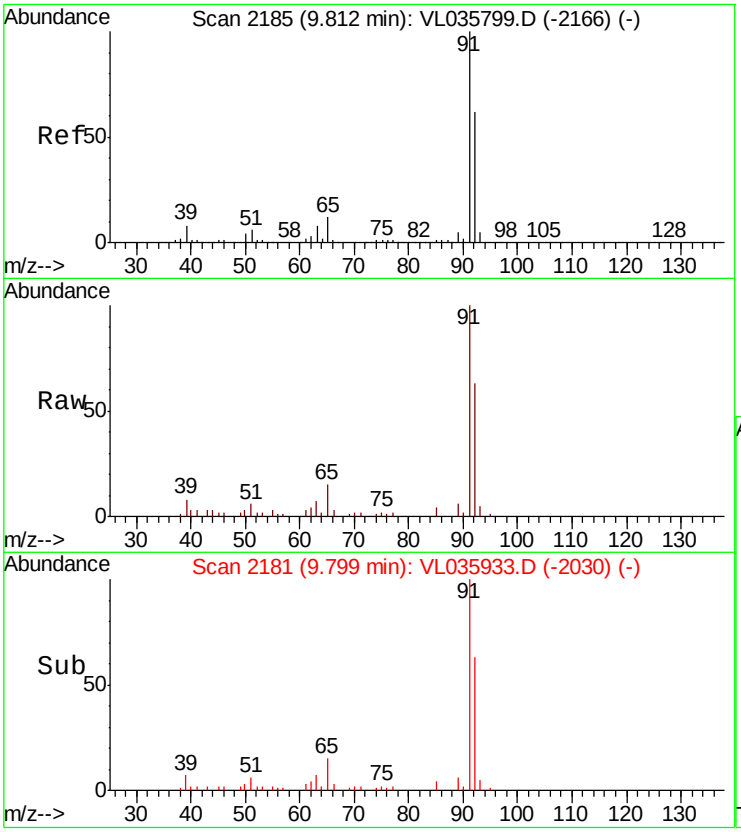


#39
1,2-Dichloropropane
Concen: 8.202 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion: 63 Resp: 781982

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.4	56.2	84.2#



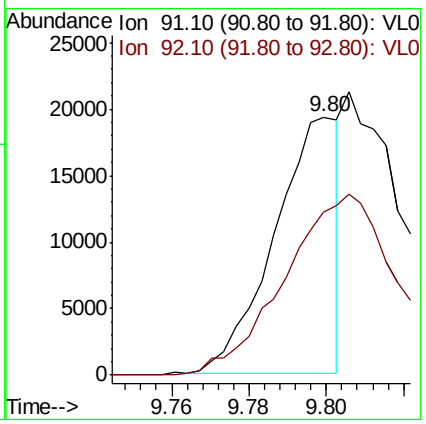


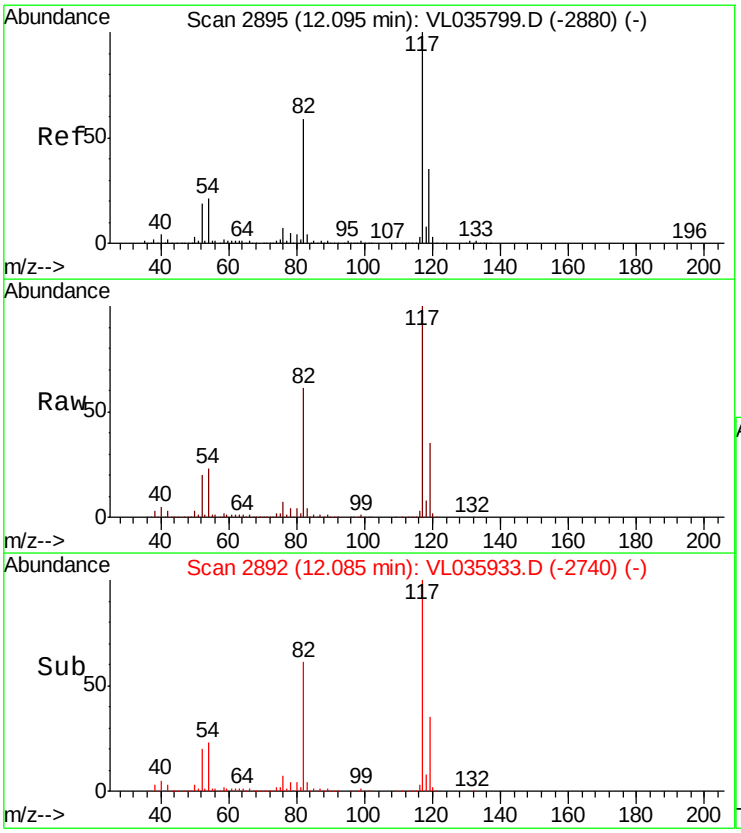
#53
Toluene
Concen: 0.065 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

Tgt Ion: 91 Resp: 22130

Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.8	74.6#

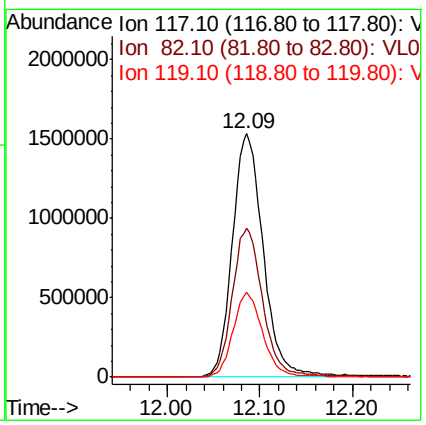


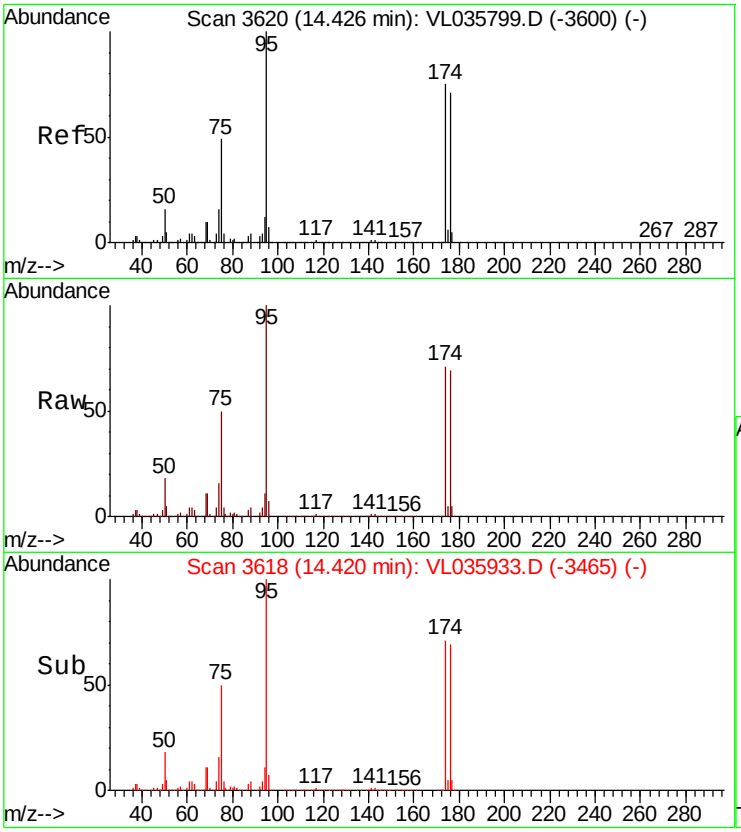


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Tgt Ion:117 Resp: 3541383

Ion	Ratio	Lower	Upper
117	100		
82	61.5	50.6	76.0
119	34.1	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.293 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035933.D
Acq: 13 Nov 2020 3:53

Instrument :
MSVOA_L
ClientSampleId :
LA-5DL

Tgt Ion: 95 Resp: 2589852

Ion	Ratio	Lower	Upper
95	100		
174	72.3	59.8	89.6
175	5.1	4.3	6.5