Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035920.D
Acq On : 12 Nov 2020 19:20
Operator : SY/AP
Sample : L4720-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Quant Time: Nov 13 00:59:45 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	1175109	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	4028413	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3745415	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2717947	10.21	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	10614	0.048	ppbv		92
3) Chlorodifluoromethane	2.96	51	96868	0.688	ppbv	#	59
4) Chloromethane	3.13	50	3770	0.055	ppbv	#	84
9) Propene	3.20	41	34112	0.662	ppbv		83
13) Ethanol	3.61	45	3865648	345.950	ppbv		95
15) Acetone	3.85	43	229178	1.824	ppbv		94
16) 1,3-Butadiene	3.30	39	1720	0.032	ppbv	#	1
17) tert-Butyl alcohol	3.97	59	43443	0.261	ppbv		95
19) Isopropyl Alcohol	3.97	45	1098336	14.227	ppbv		99
20) Methylene Chloride	4.34	84	150717	1.704	ppbv		94
21) Allyl Chloride	4.13	41	5758	0.085	ppbv	#	49
25) Ethyl Acetate	5.68	43	58577	0.237	ppbv	#	84
26) Hexane	5.68	57	70899	0.519	ppbv	#	53
34) 2-Butanone	5.24	43	6132	0.047	ppbv	#	42
39) 1,2-Dichloropropane	7.17	63	832258	8.254	ppbv	#	30
53) Toluene	9.80	91	50896	0.141	ppbv	#	50

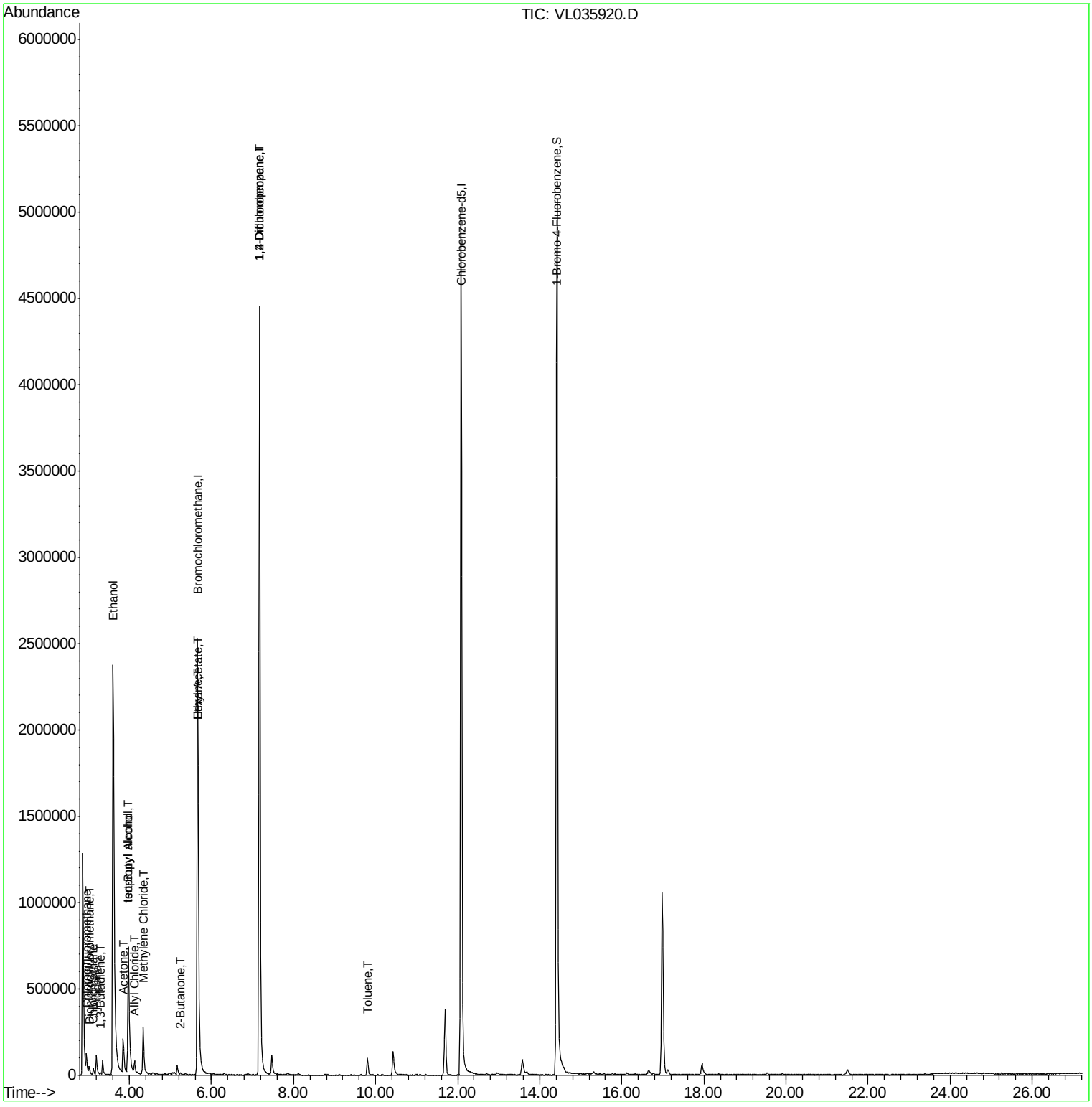
(#) = qualifier out of range (m) = manual integration (+) = signals summed

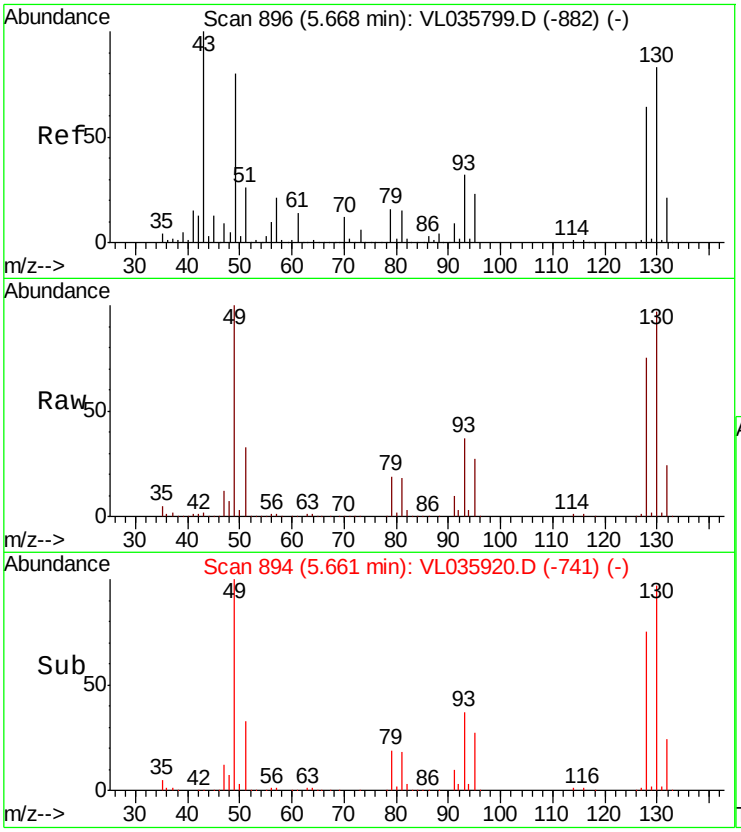
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035920.D
Acq On : 12 Nov 2020 19:20
Operator : SY/AP
Sample : L4720-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Quant Time: Nov 13 00:59:45 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



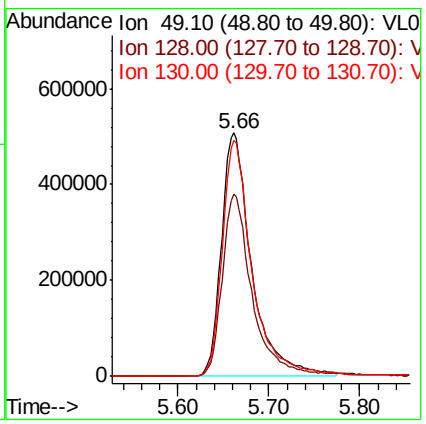


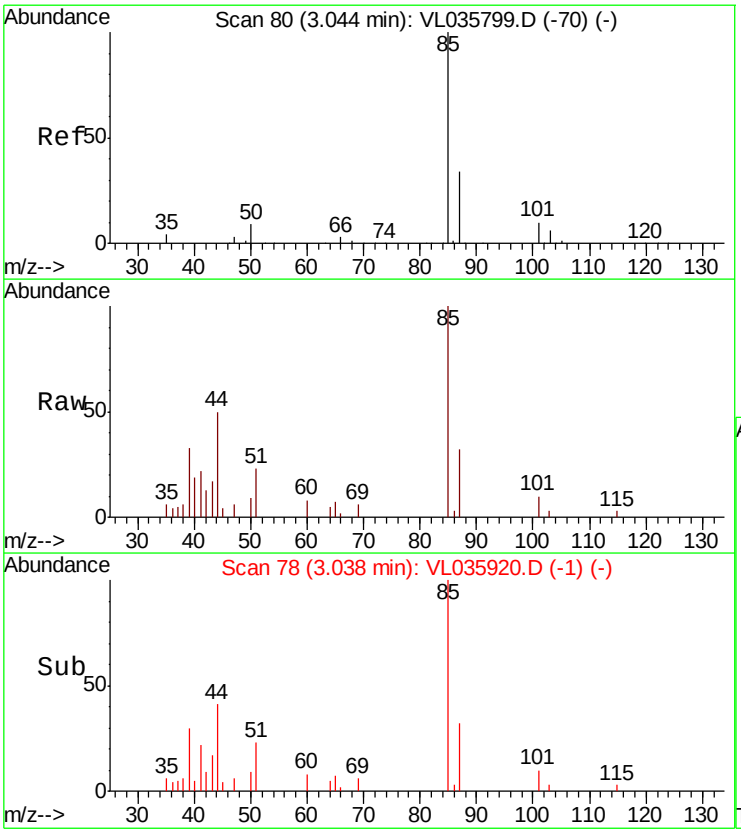
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument :
MSVOA_L
ClientSampleId :
CVS-4DL

Tgt Ion: 49 Resp: 1175109

Ion	Ratio	Lower	Upper
49	100		
128	75.7	41.5	124.6
130	97.5	53.7	161.1

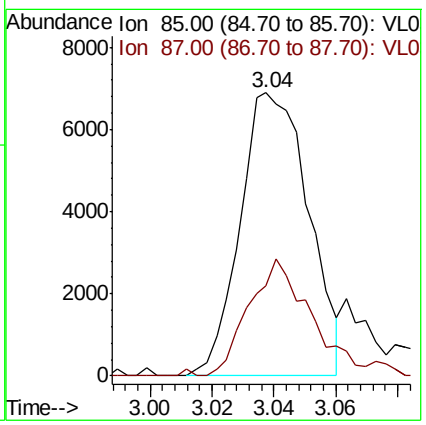


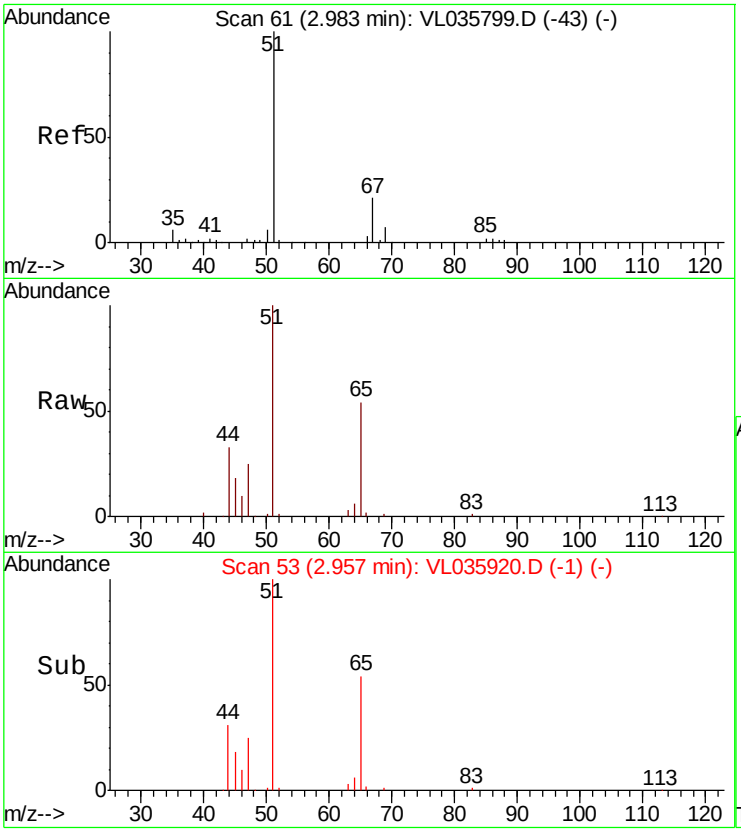


#2
Dichlorodifluoromethane
Concen: 0.048 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 85 Resp: 10614

Ion	Ratio	Lower	Upper
85	100		
87	29.4	27.1	40.7



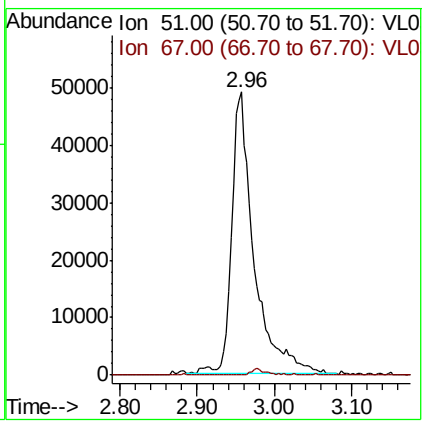


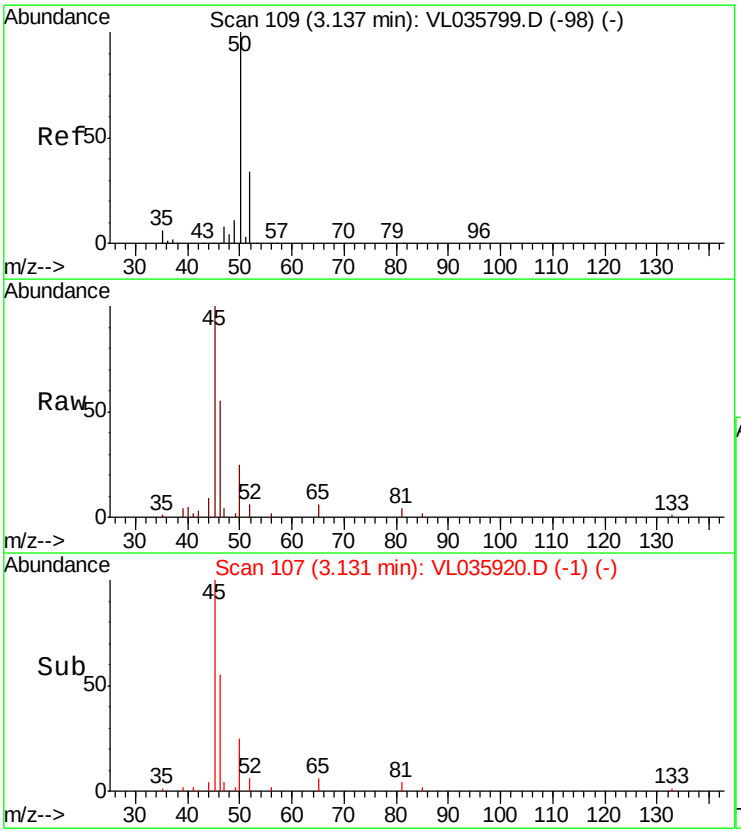
#3
Chlorodifluoromethane
Concen: 0.688 ppbv
RT: 2.96 min Scan# 53
Delta R.T. -0.03 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument :
MSVOA_L
ClientSampleId :
CVS-4DL

Tgt Ion: 51 Resp: 96868

Ion	Ratio	Lower	Upper
51	100		
67	1.7	17.0	25.4#

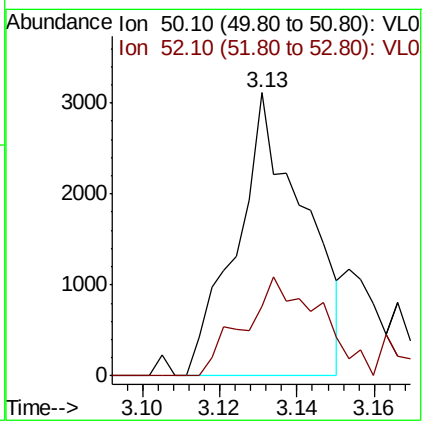


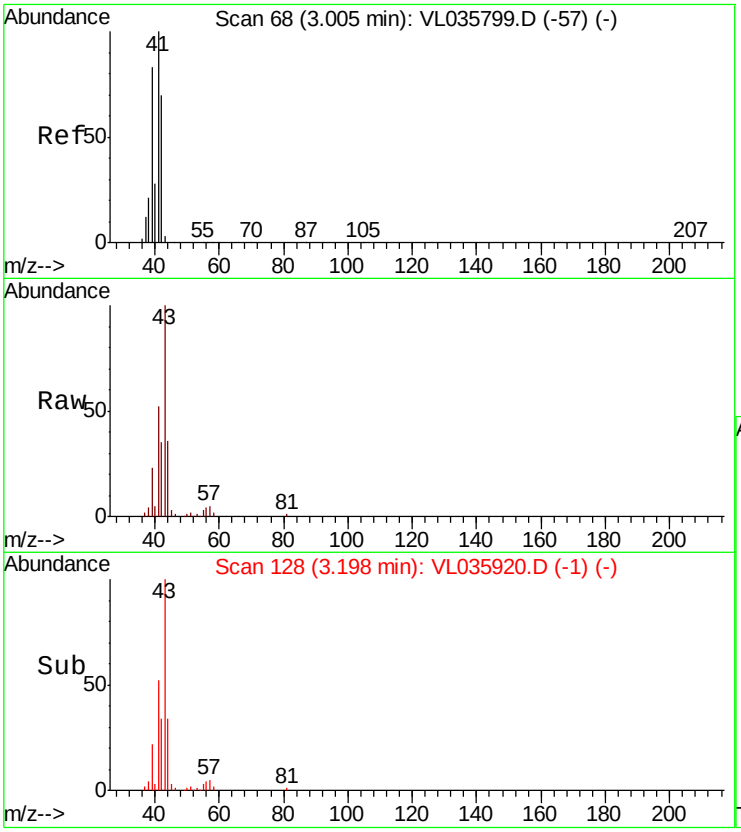


#4
Chloromethane
Concen: 0.055 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 50 Resp: 3770

Ion	Ratio	Lower	Upper
50	100		
52	24.6	27.1	40.7#



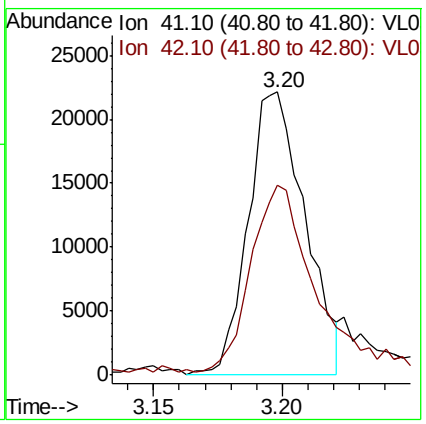


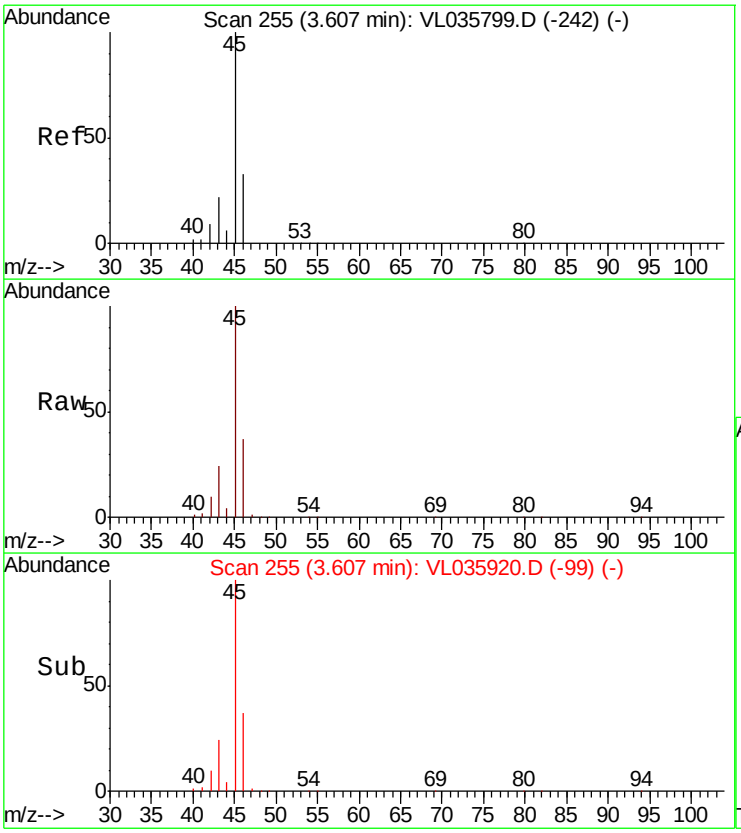
#9
Propene
Concen: 0.662 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.19 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument :
MSVOA_L
ClientSampleId :
CVS-4DL

Tgt Ion: 41 Resp: 34112

Ion	Ratio	Lower	Upper
41	100		
42	84.3	56.2	84.4

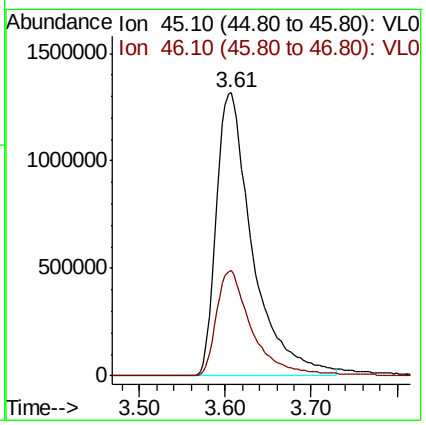


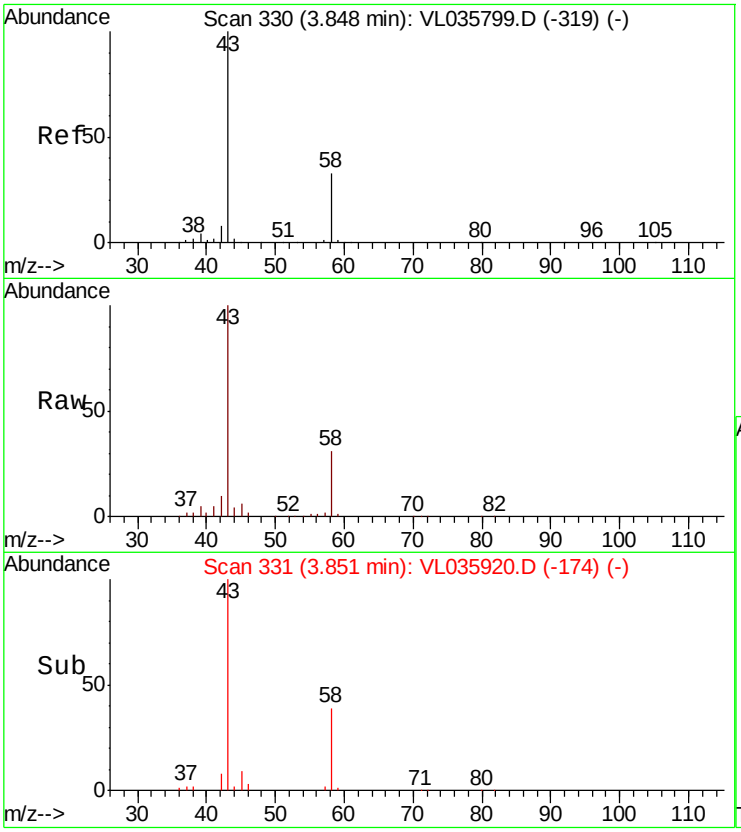


#13
Ethanol
Concen: 345.950 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 45 Resp: 3865648

Ion	Ratio	Lower	Upper
45	100		
46	37.4	16.1	64.5



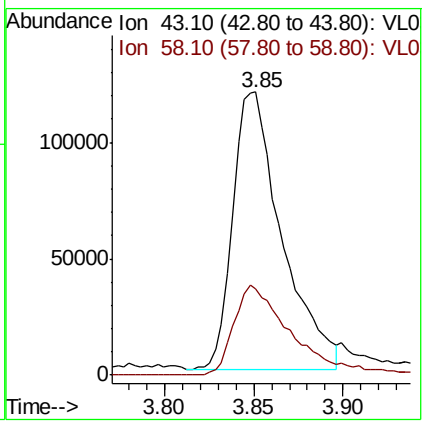


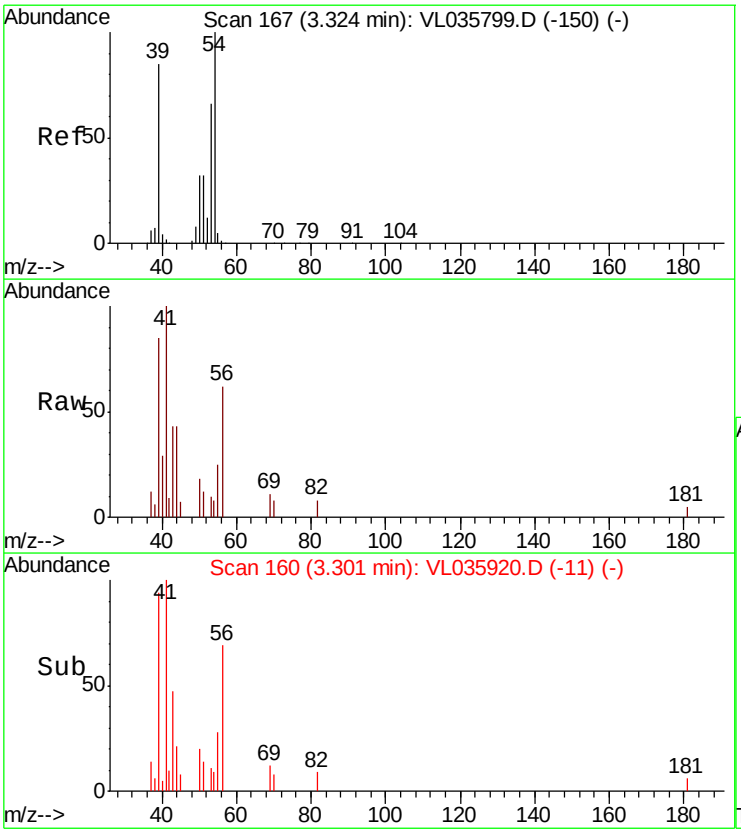
#15
Acetone
Concen: 1.824 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Tgt Ion: 43 Resp: 229178

Ion	Ratio	Lower	Upper
43	100		
58	37.8	27.5	41.3

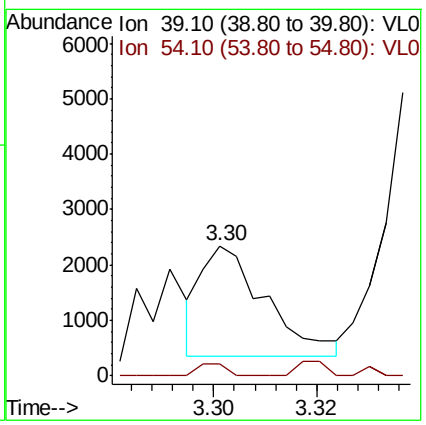


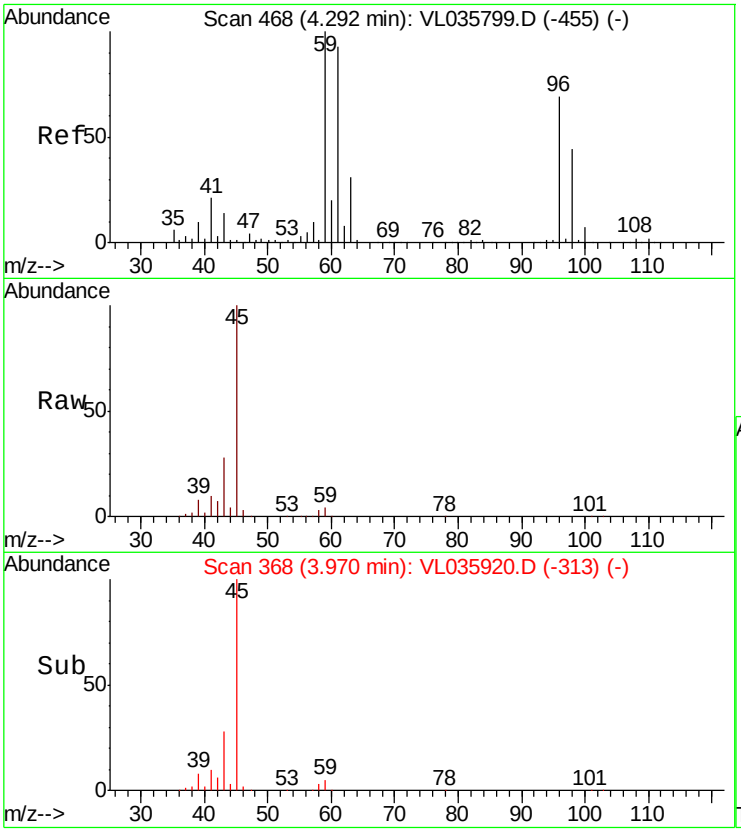


#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.02 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 39 Resp: 1720

Ion	Ratio	Lower	Upper
39	100		
54	0.0	87.1	130.7#



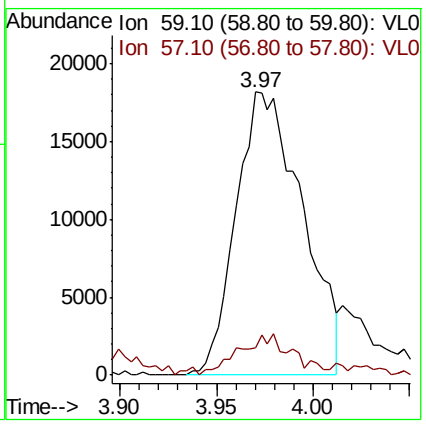


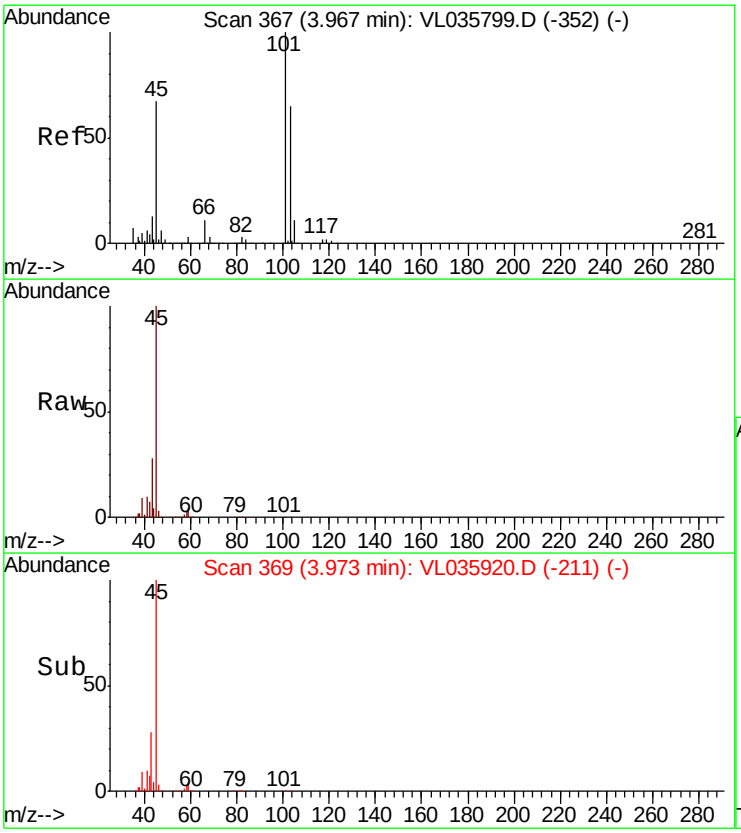
#17
tert-Butyl alcohol
Concen: 0.261 ppbv
RT: 3.97 min Scan# 368
Delta R.T. -0.32 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Tgt Ion: 59 Resp: 43443

Ion	Ratio	Lower	Upper
59	100		
57	12.4	8.2	12.4

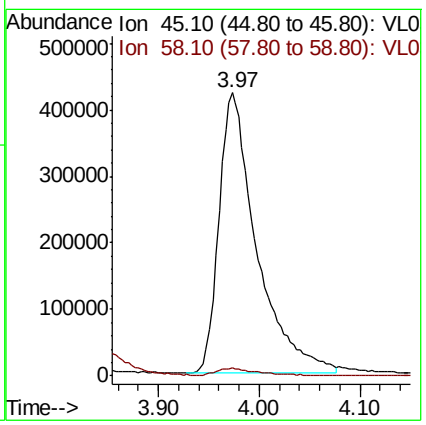


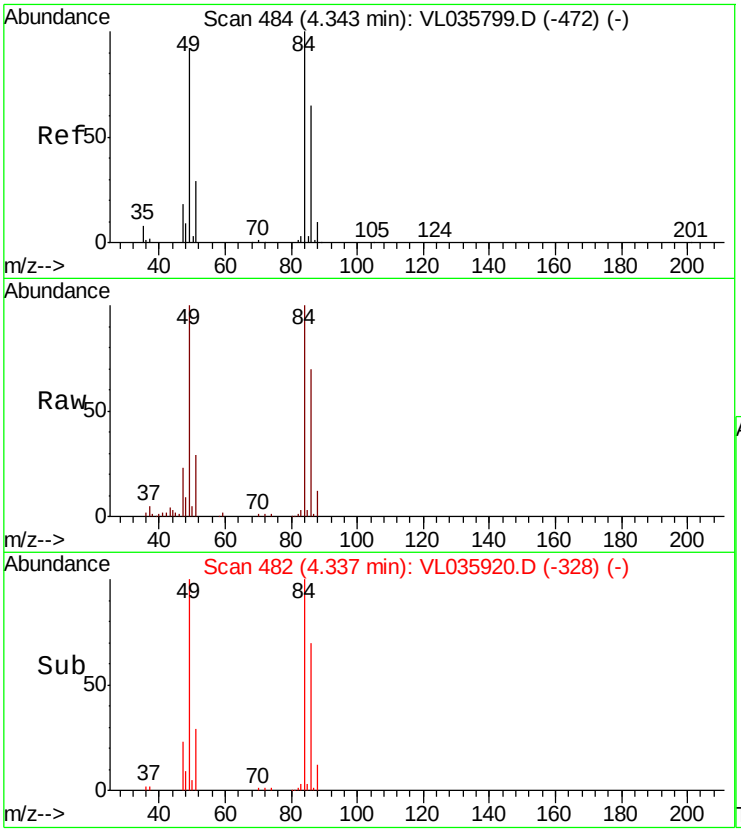


#19
Isopropyl Alcohol
Concen: 14.227 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 45 Resp: 1098336

Ion	Ratio	Lower	Upper
45	100		
58	3.7	2.6	3.8



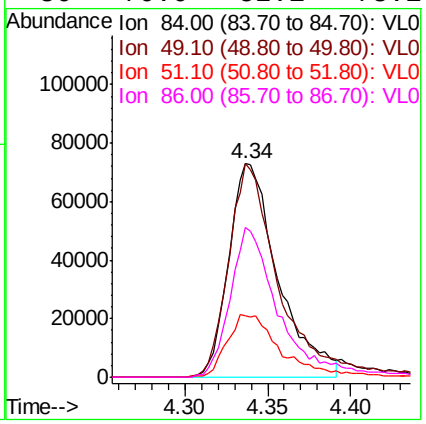


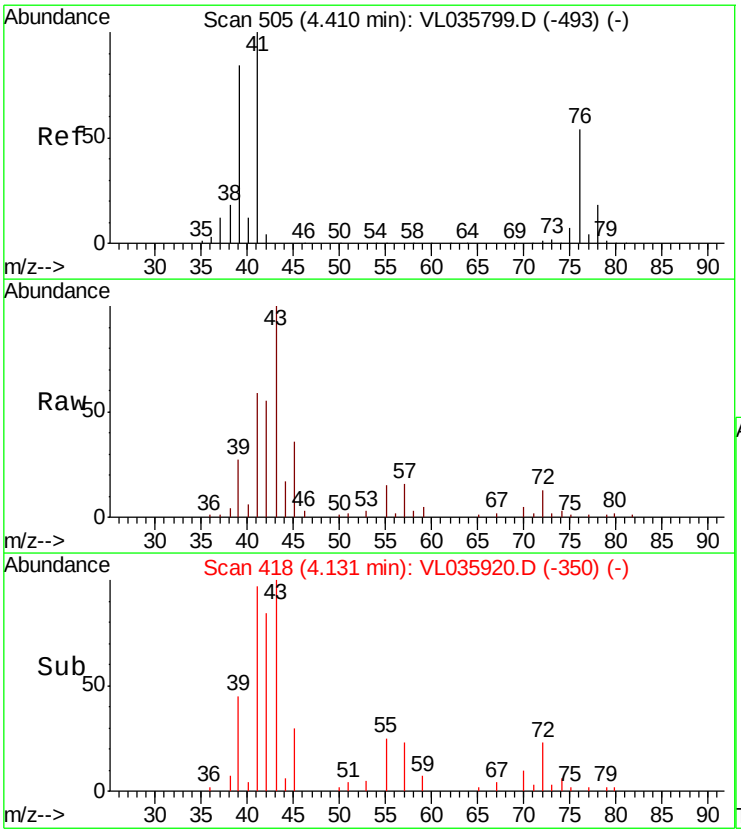
#20
Methylene Chloride
Concen: 1.704 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Tgt Ion: 84 Resp: 150717

Ion	Ratio	Lower	Upper
84	100		
49	100.2	73.8	110.8
51	29.0	23.0	34.4
86	70.0	52.1	78.1

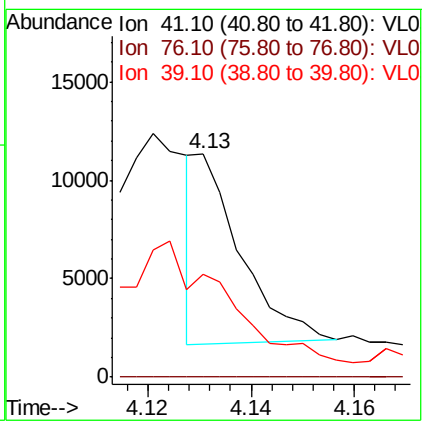


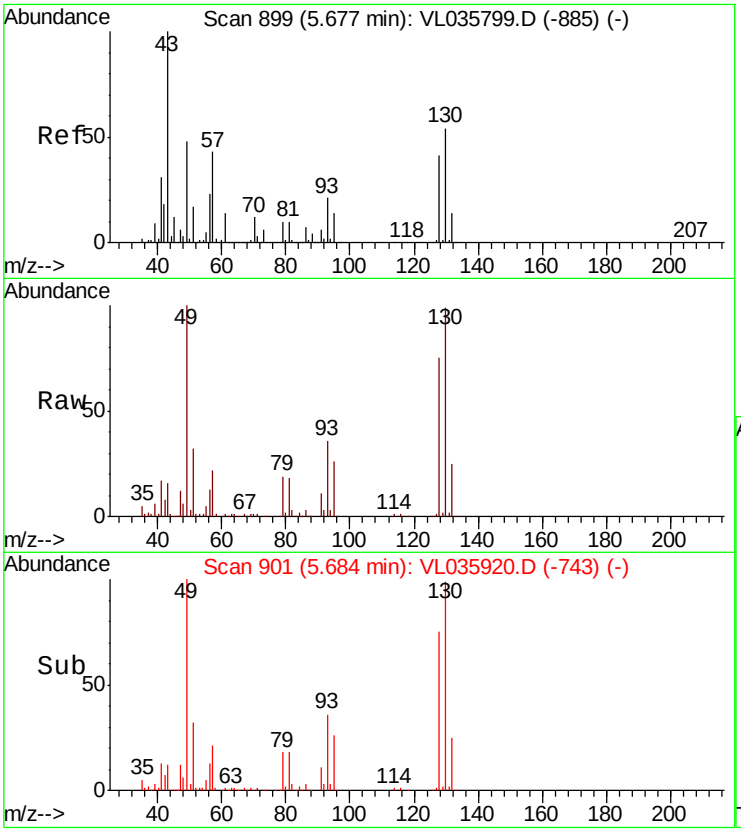


#21
Allyl Chloride
Concen: 0.085 ppbv
RT: 4.13 min Scan# 418
Delta R.T. -0.28 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 41 Resp: 5758

Ion	Ratio	Lower	Upper
41	100		
76	2.3	42.6	63.8#
39	49.9	67.0	100.4#



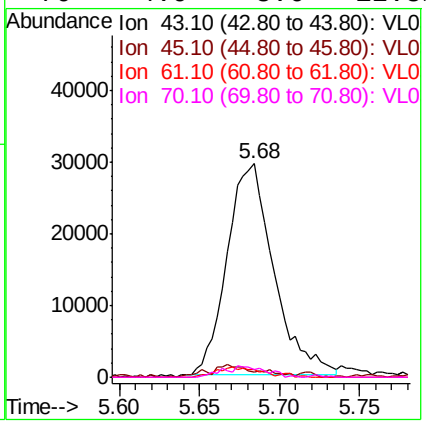


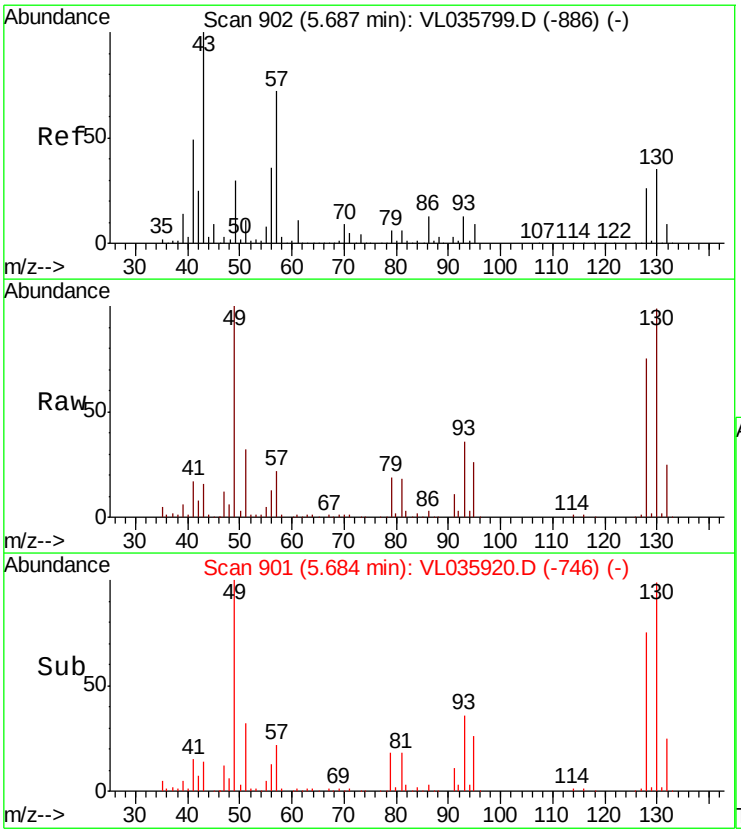
#25
Ethyl Acetate
Concen: 0.237 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Tgt Ion: 43 Resp: 58577

Ion	Ratio	Lower	Upper
43	100		
45	7.1	8.5	12.7#
61	4.9	10.7	16.1#
70	4.9	8.6	12.8#

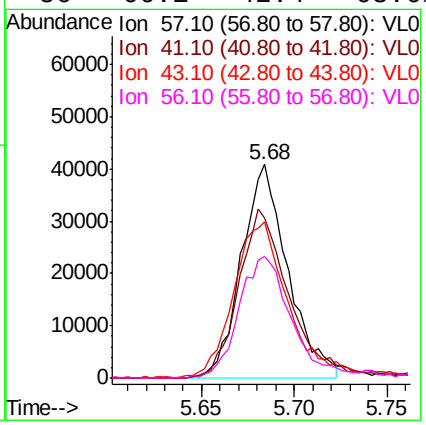


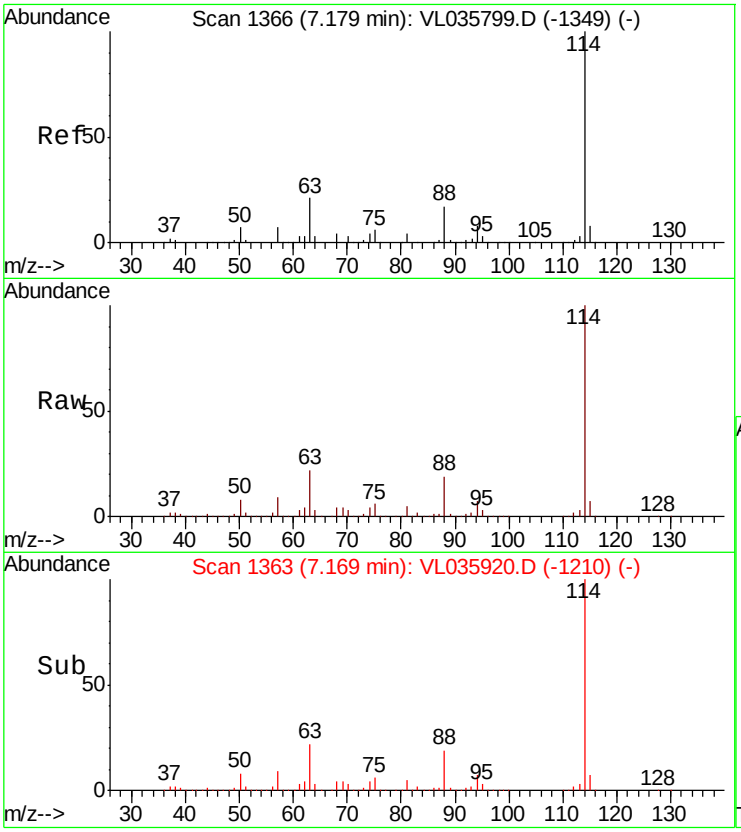


#26
Hexane
Concen: 0.519 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 57 Resp: 70899

Ion	Ratio	Lower	Upper
57	100		
41	89.1	58.9	88.3#
43	90.2	150.2	225.2#
56	66.1	42.4	63.6#



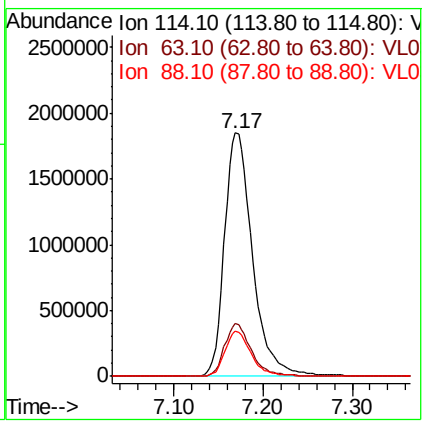


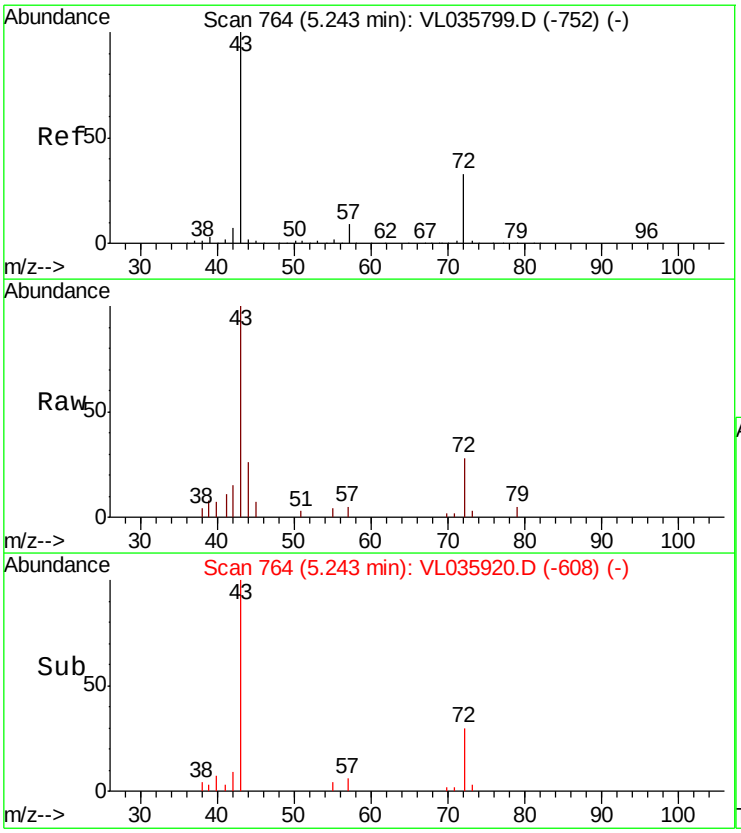
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument :
MSVOA_L
ClientSampleId :
CVS-4DL

Tgt Ion:114 Resp: 4028413

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

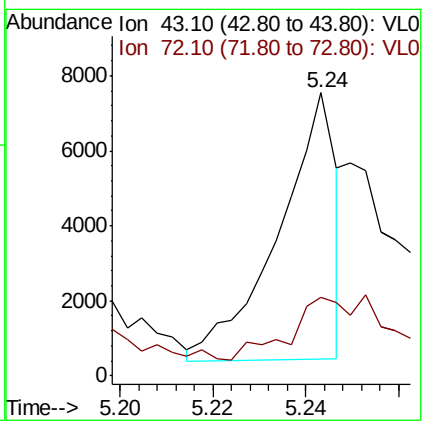


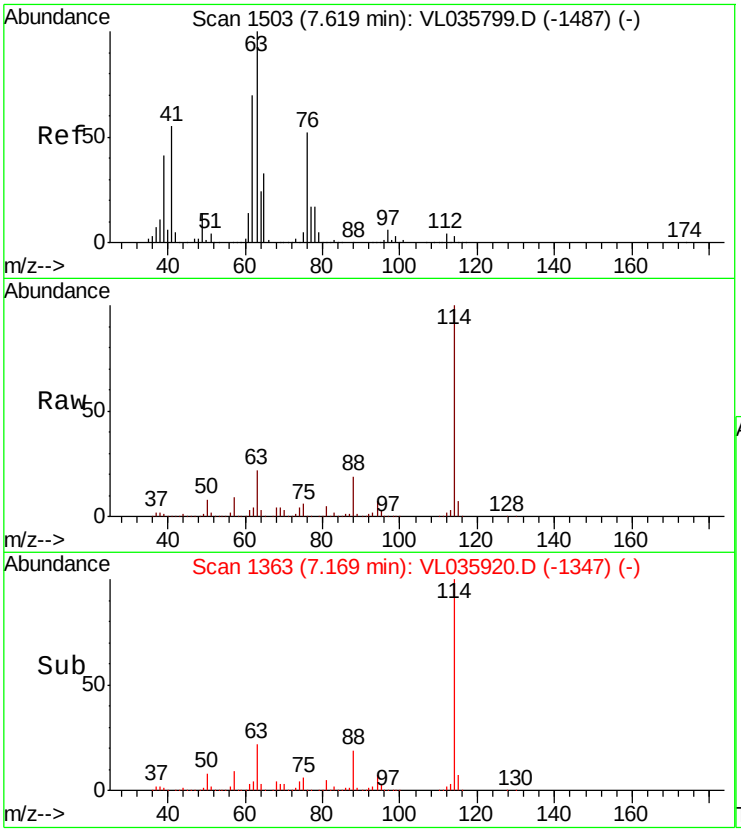


#34
2-Butanone
Concen: 0.047 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.00 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 43 Resp: 6132

Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.5	39.7#



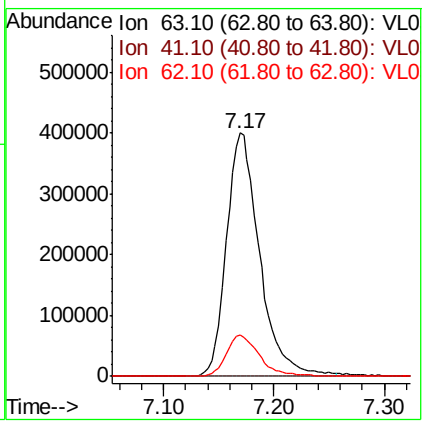


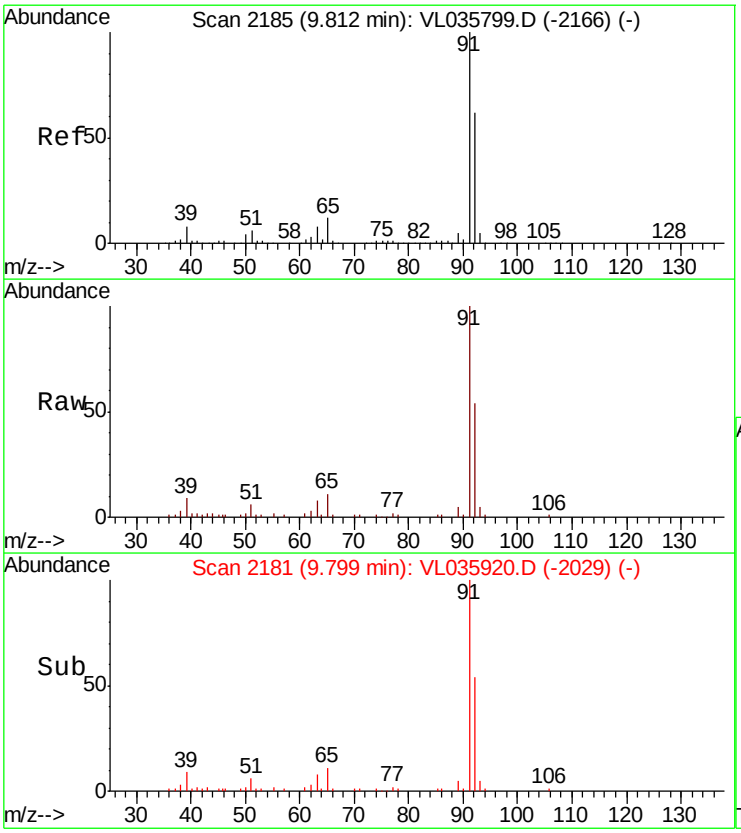
#39
1,2-Dichloropropane
Concen: 8.254 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument : MSVOA_L
ClientSampleId : CVS-4DL

Tgt Ion: 63 Resp: 832258

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

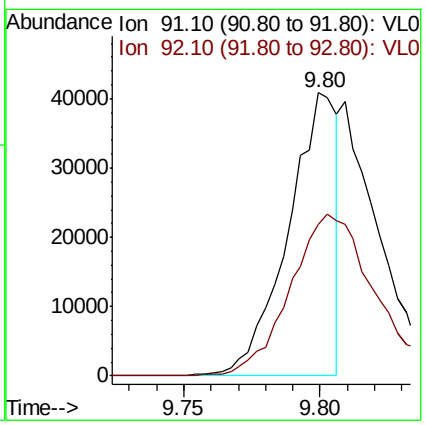


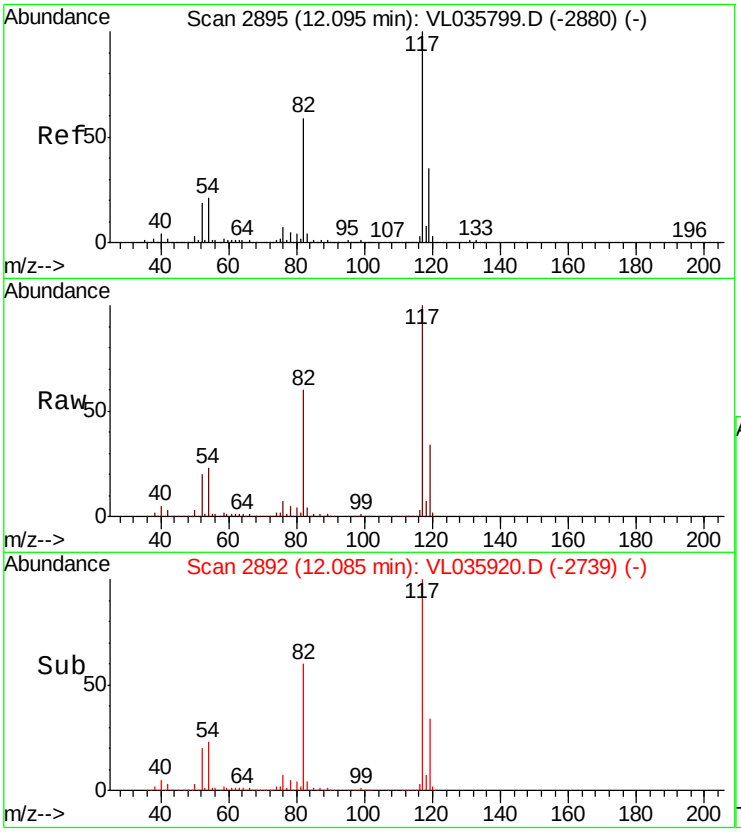


#53
Toluene
Concen: 0.141 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 91 Resp: 50896

Ion	Ratio	Lower	Upper
91	100		
92	101.1	49.8	74.6#



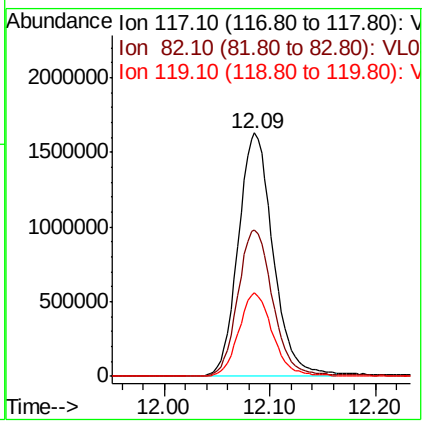


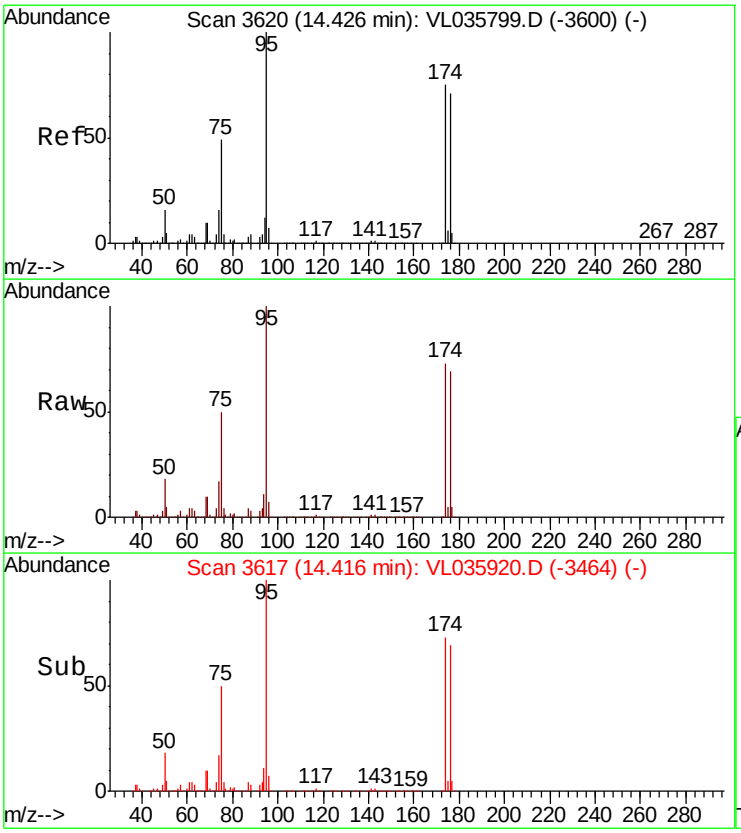
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Instrument :
MSVOA_L
ClientSampleId :
CVS-4DL

Tgt Ion:117 Resp: 3745415

Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.6	76.0
119	34.1	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.214 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL035920.D
Acq: 12 Nov 2020 19:20

Tgt Ion: 95 Resp: 2717947

Ion	Ratio	Lower	Upper
95	100		
174	73.5	59.8	89.6
175	5.1	4.3	6.5