Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035918.D
Acq On : 12 Nov 2020 18:01
Operator : SY/AP
Sample : L4720-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Quant Time: Nov 13 00:59:14 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	1145541	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3951320	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3740341	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2695208	10.14	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	10592	0.049	ppbv		99
3) Chlorodifluoromethane	2.96	51	113946	0.831	ppbv	#	57
4) Chloromethane	3.13	50	4117	0.062	ppbv		93
9) Propene	3.02	41	10569	0.210	ppbv		98
13) Ethanol	3.61	45	3880652	356.257	ppbv		96
15) Acetone	3.85	43	254758	2.080	ppbv		95
17) tert-Butyl alcohol	4.31	59	6434	0.040	ppbv		98
19) Isopropyl Alcohol	3.98	45	1184999	15.745	ppbv		99
20) Methylene Chloride	4.34	84	120769	1.401	ppbv		95
21) Allyl Chloride	4.13	41	4243	0.064	ppbv	#	73
23) Vinyl Acetate	5.06	43	8317	0.048	ppbv	#	56
25) Ethyl Acetate	5.68	43	68922	0.286	ppbv	#	86
26) Hexane	5.69	57	80643	0.606	ppbv	#	54
34) 2-Butanone	5.25	43	9559	0.075	ppbv	#	87
39) 1,2-Dichloropropane	7.17	63	816907	8.260	ppbv	#	30
53) Toluene	9.80	91	87053	0.246	ppbv		96

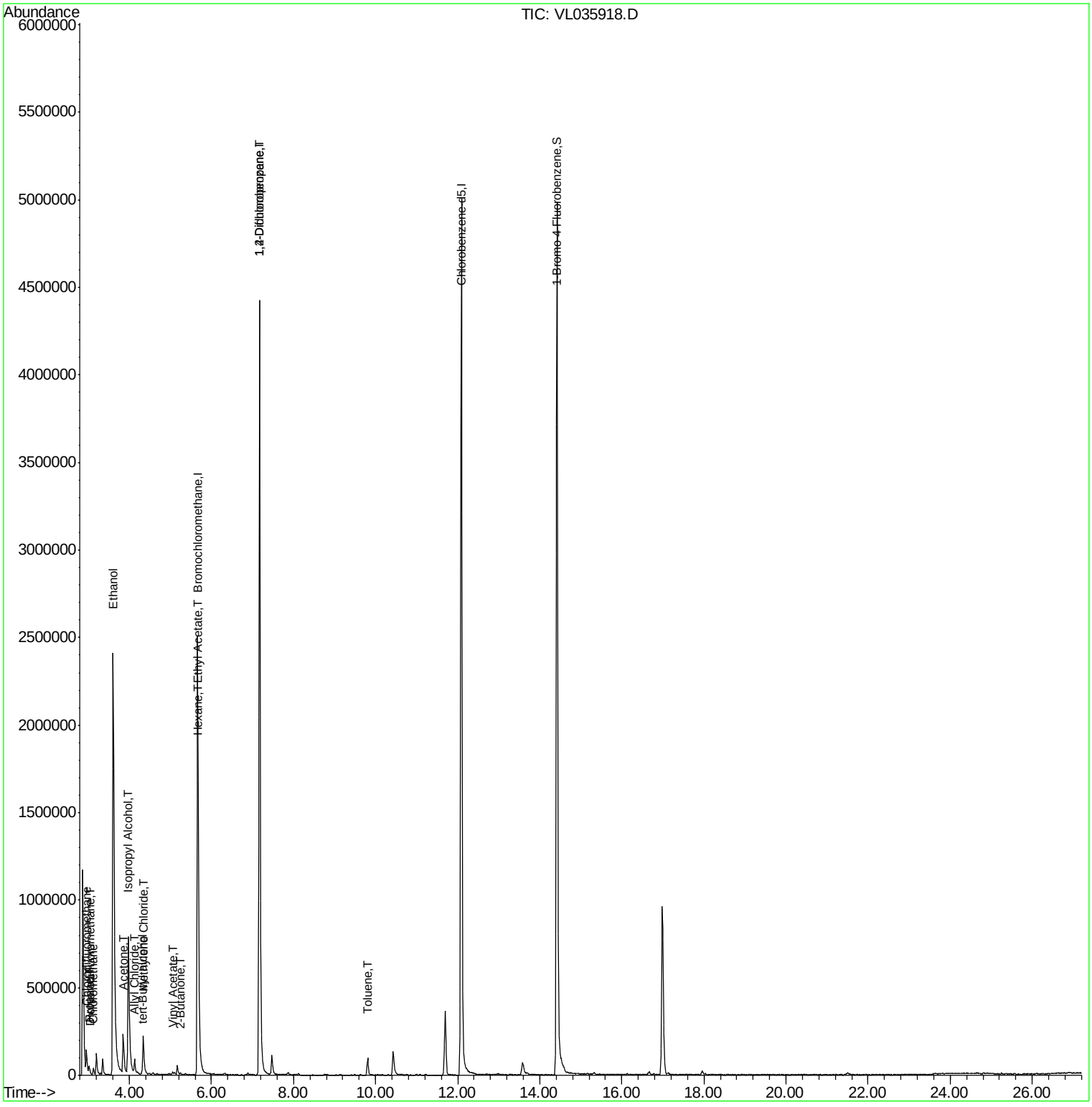
(#) = qualifier out of range (m) = manual integration (+) = signals summed

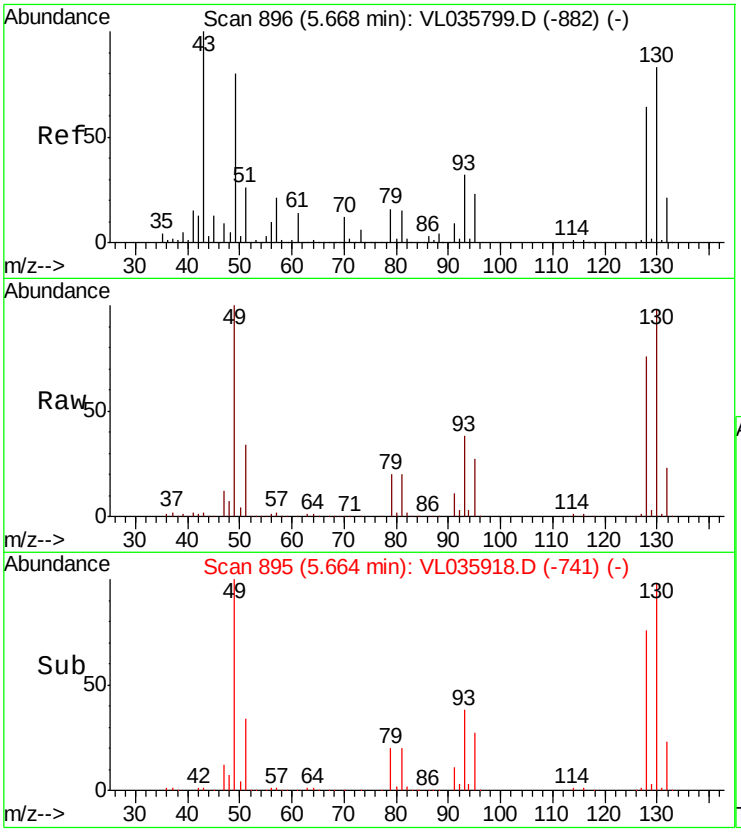
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111220\
Data File : VL035918.D
Acq On : 12 Nov 2020 18:01
Operator : SY/AP
Sample : L4720-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Quant Time: Nov 13 00:59:14 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



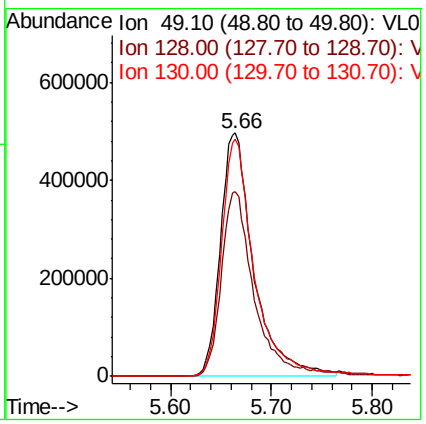


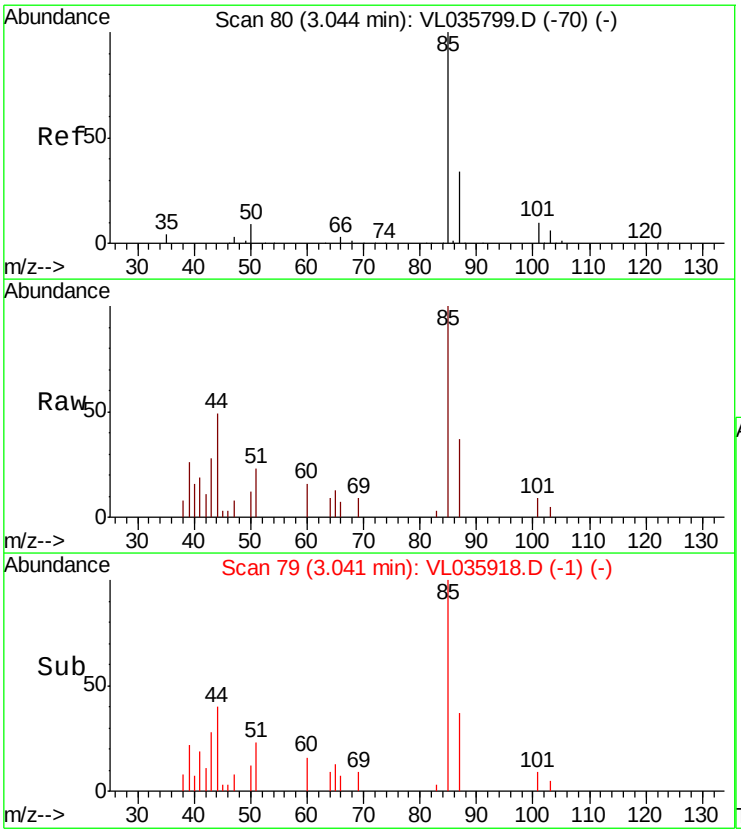
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument :
MSVOA_L
ClientSampleId :
CVS-3DL

Tgt Ion: 49 Resp: 1145541

Ion	Ratio	Lower	Upper
49	100		
128	76.8	41.5	124.6
130	97.9	53.7	161.1

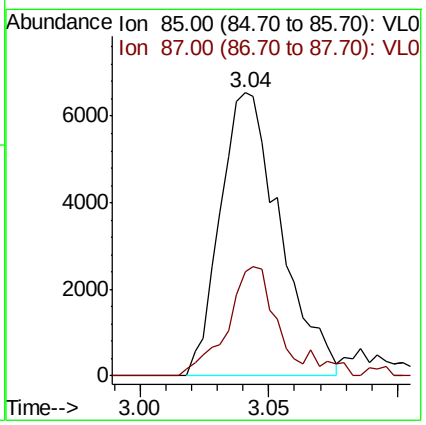


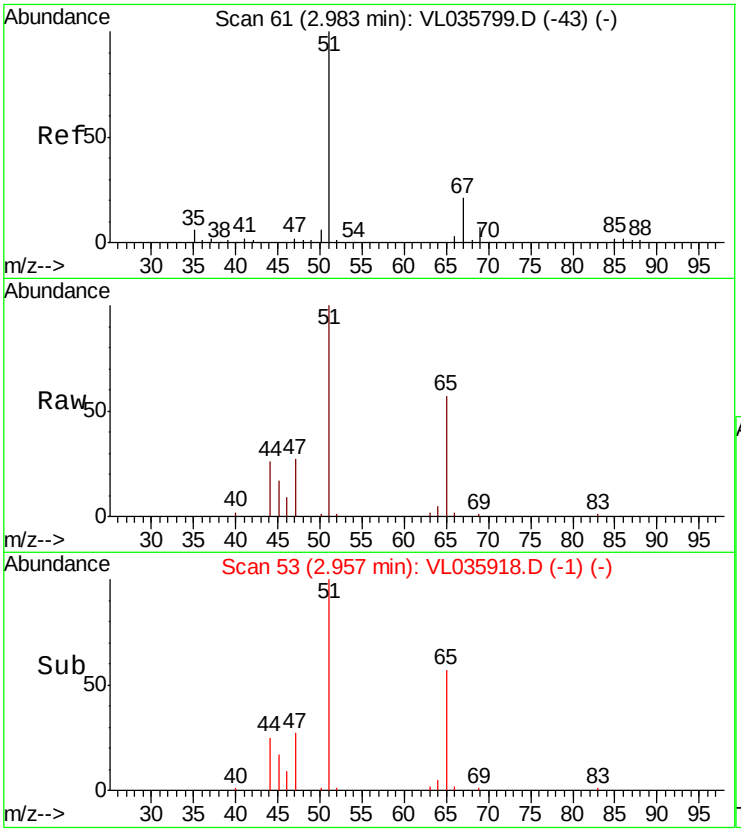


#2
Dichlorodifluoromethane
Concen: 0.049 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 85 Resp: 10592

Ion	Ratio	Lower	Upper
85	100		
87	34.3	27.1	40.7



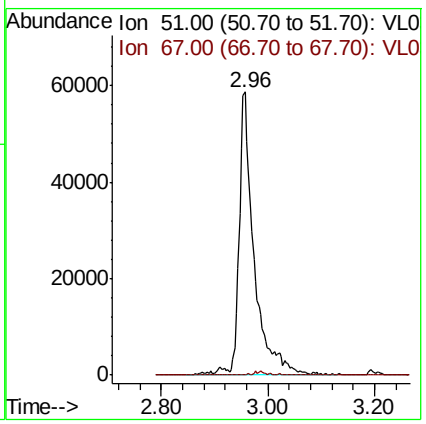


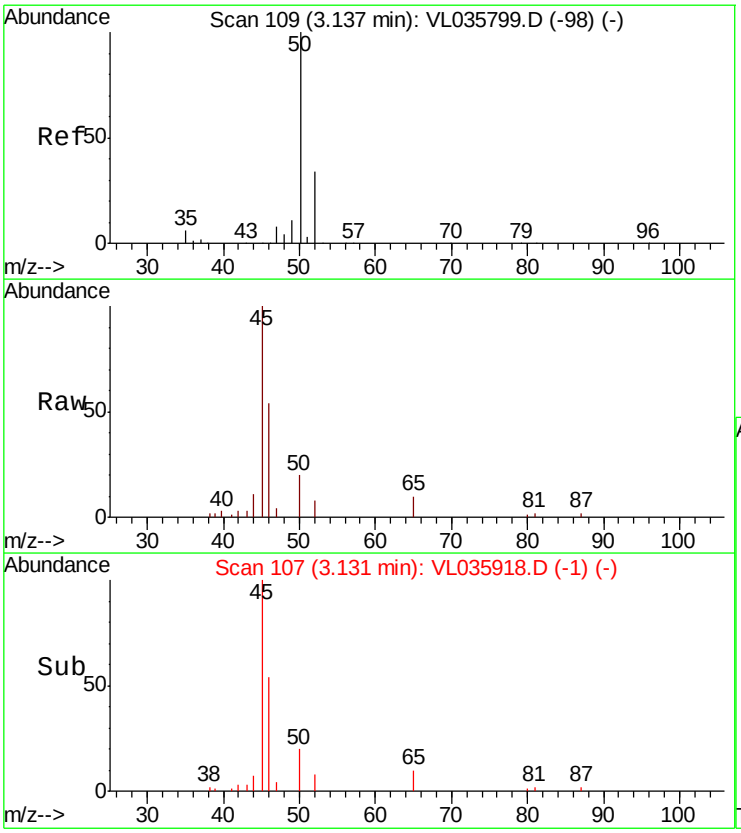
#3
Chlorodifluoromethane
Concen: 0.831 ppbv
RT: 2.96 min Scan# 53
Delta R.T. -0.03 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument :
MSVOA_L
ClientSampleId :
CVS-3DL

Tgt Ion: 51 Resp: 113946

Ion	Ratio	Lower	Upper
51	100		
67	1.0	17.0	25.4#

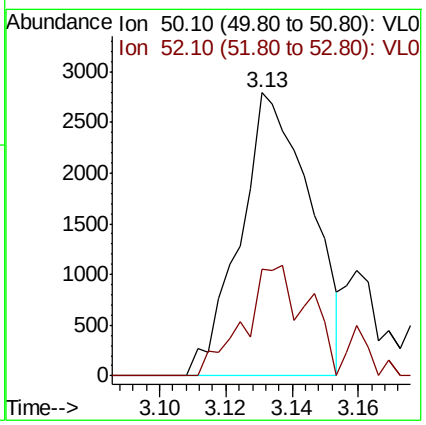


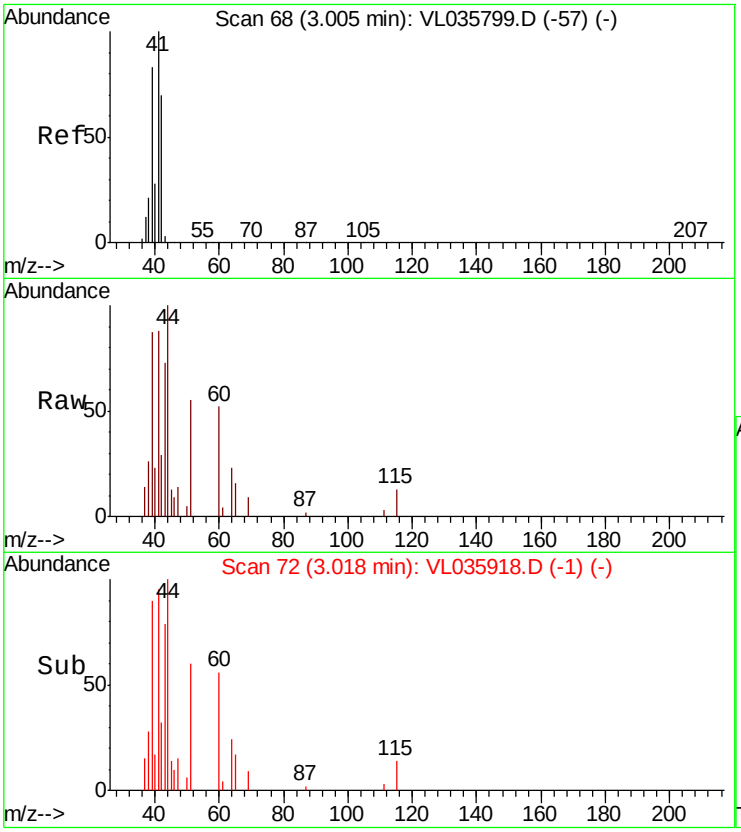


#4
Chloromethane
Concen: 0.062 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 50 Resp: 4117

Ion	Ratio	Lower	Upper
50	100		
52	37.8	27.1	40.7



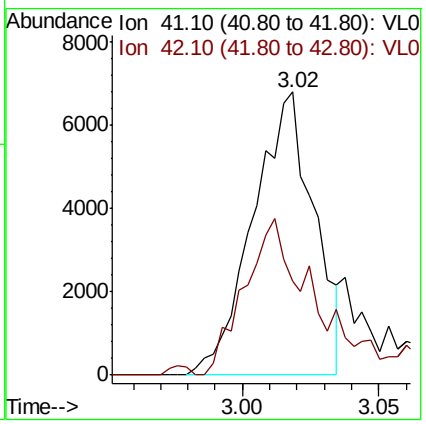


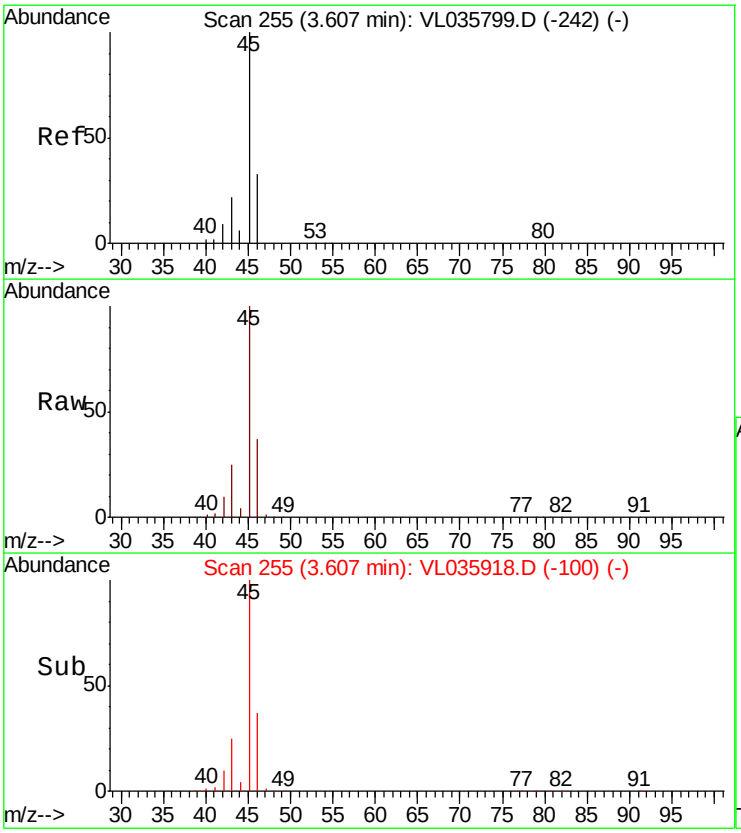
#9
Propene
Concen: 0.210 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument :
MSVOA_L
ClientSampleId :
CVS-3DL

Tgt Ion: 41 Resp: 10569

Ion	Ratio	Lower	Upper
41	100		
42	68.7	56.2	84.4

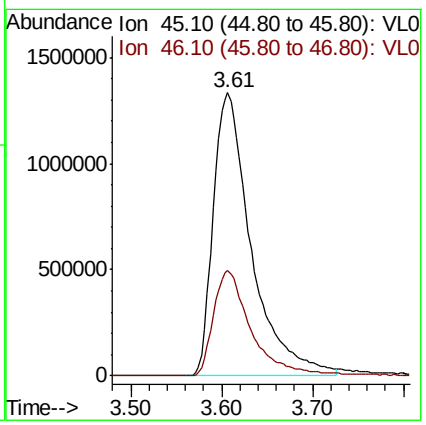


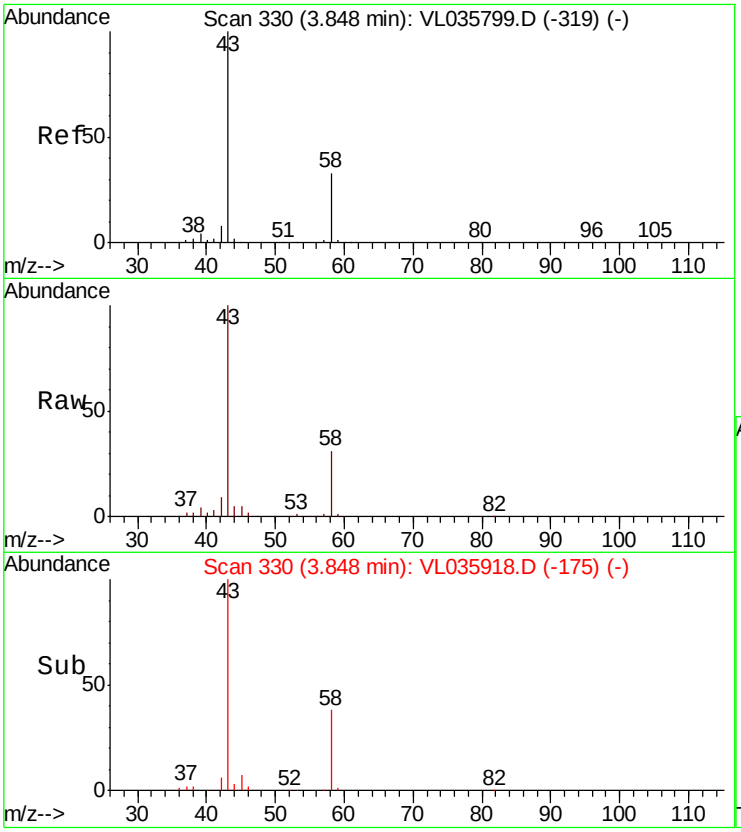


#13
Ethanol
Concen: 356.257 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 45 Resp: 3880652

Ion	Ratio	Lower	Upper
45	100		
46	37.6	16.1	64.5



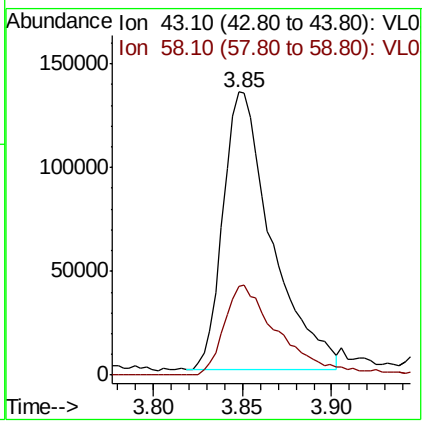


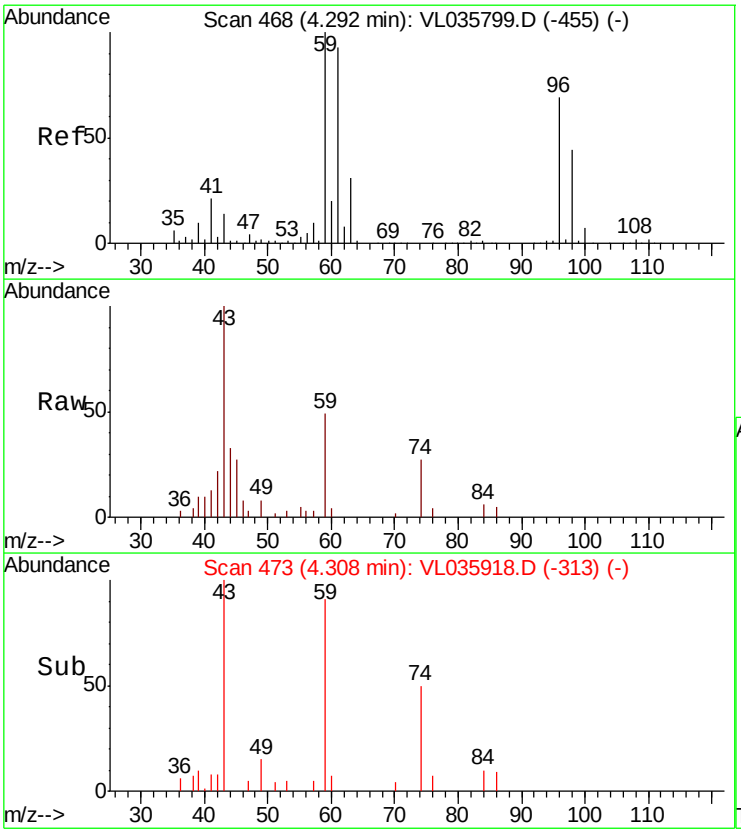
#15
Acetone
Concen: 2.080 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument :
MSVOA_L
ClientSampleId :
CVS-3DL

Tgt Ion: 43 Resp: 254758

Ion	Ratio	Lower	Upper
43	100		
58	37.1	27.5	41.3

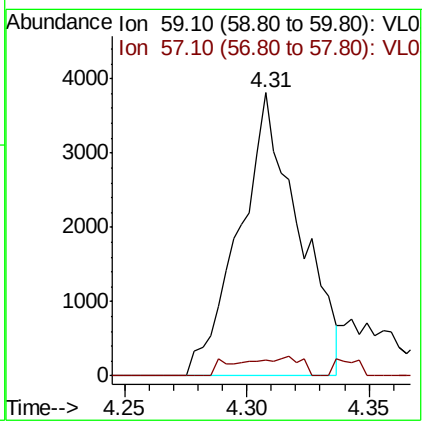


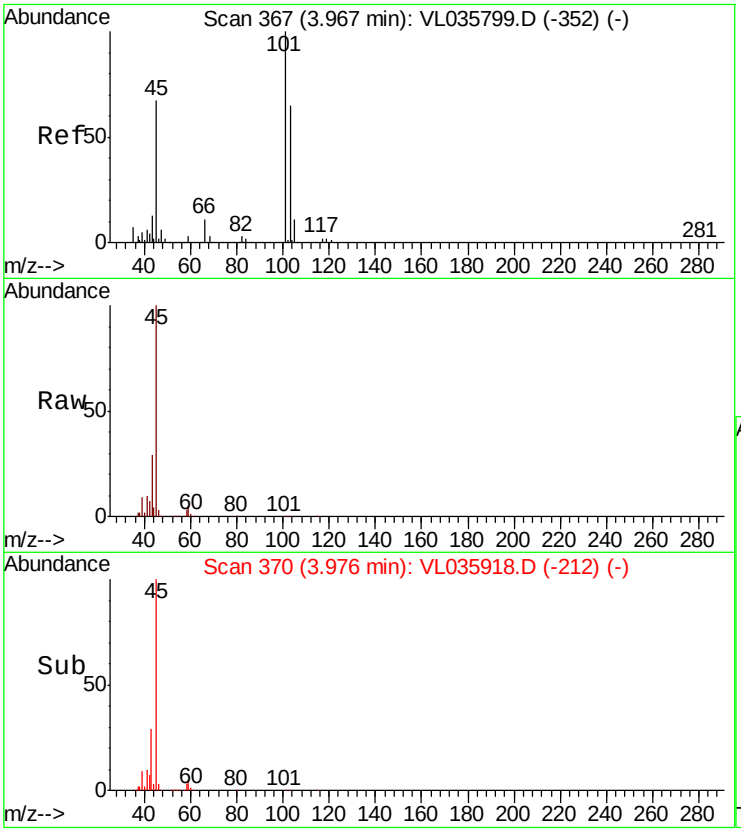


#17
tert-Butyl alcohol
Concen: 0.040 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 59 Resp: 6434

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.4



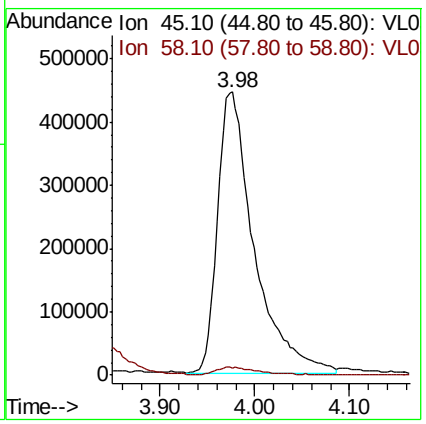


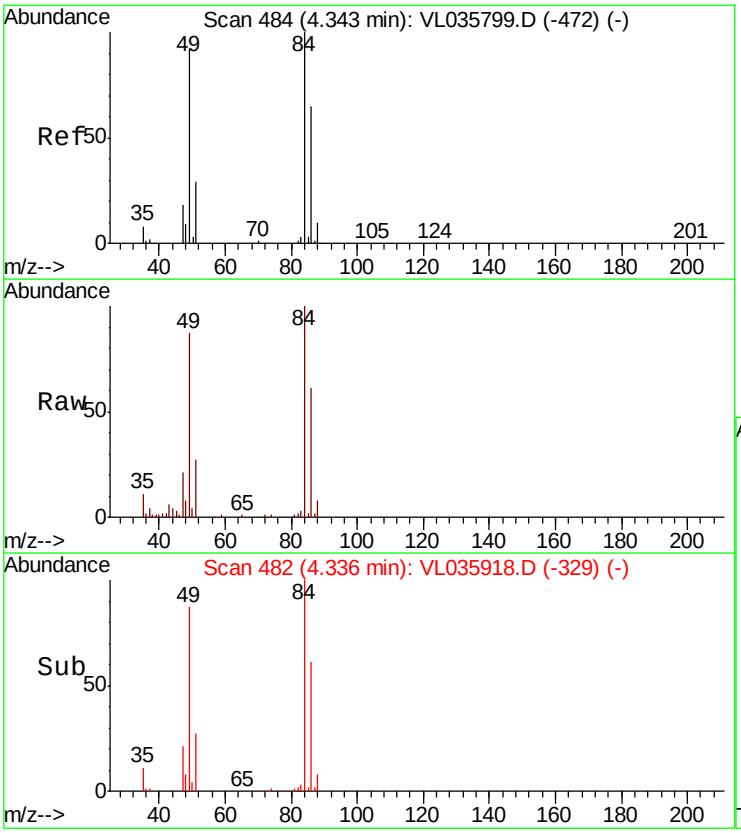
#19
Isopropyl Alcohol
Concen: 15.745 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Tgt Ion: 45 Resp: 1184999

Ion	Ratio	Lower	Upper
45	100		
58	3.5	2.6	3.8

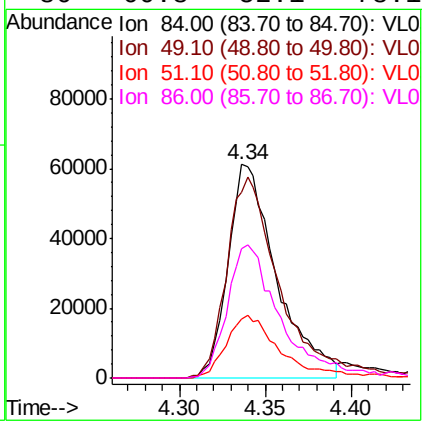


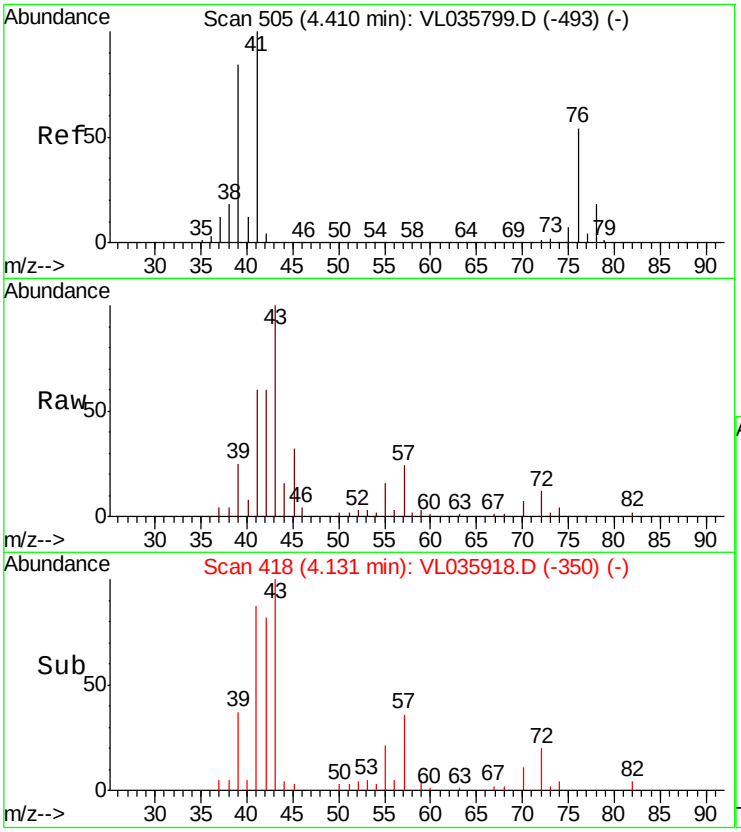


#20
Methylene Chloride
Concen: 1.401 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 84 Resp: 120769

Ion	Ratio	Lower	Upper
84	100		
49	87.1	73.8	110.8
51	27.3	23.0	34.4
86	60.8	52.1	78.1



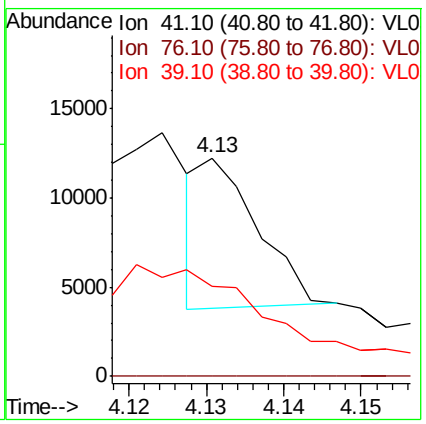


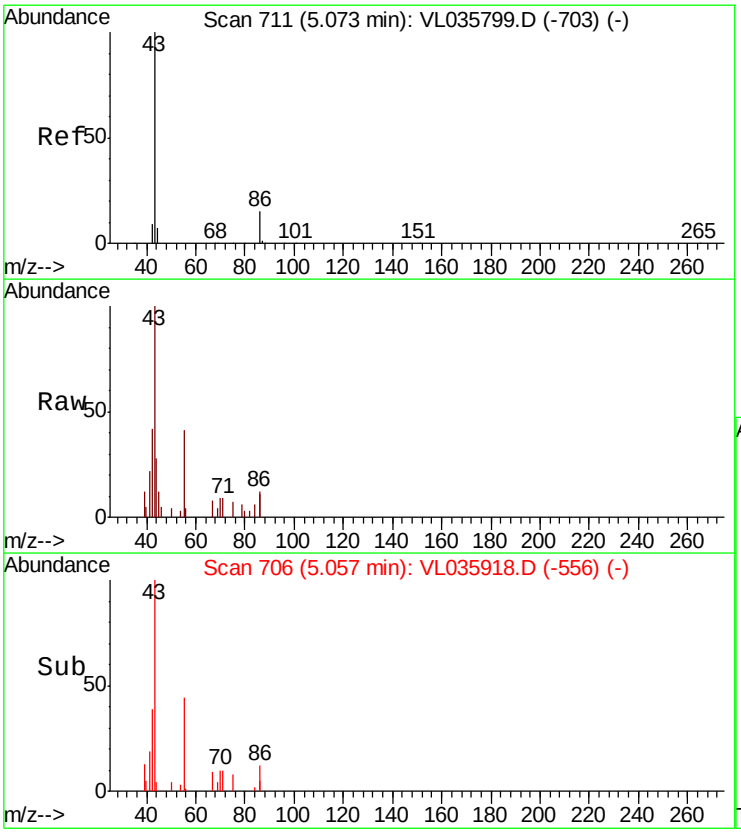
#21
Allyl Chloride
Concen: 0.064 ppbv
RT: 4.13 min Scan# 418
Delta R.T. -0.28 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Tgt Ion: 41 Resp: 4243

Ion	Ratio	Lower	Upper
41	100		
76	6.2	42.6	63.8#
39	85.2	67.0	100.4

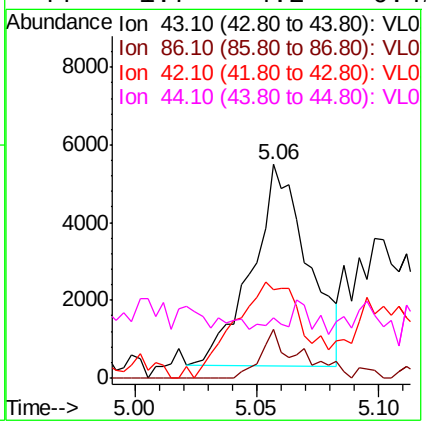


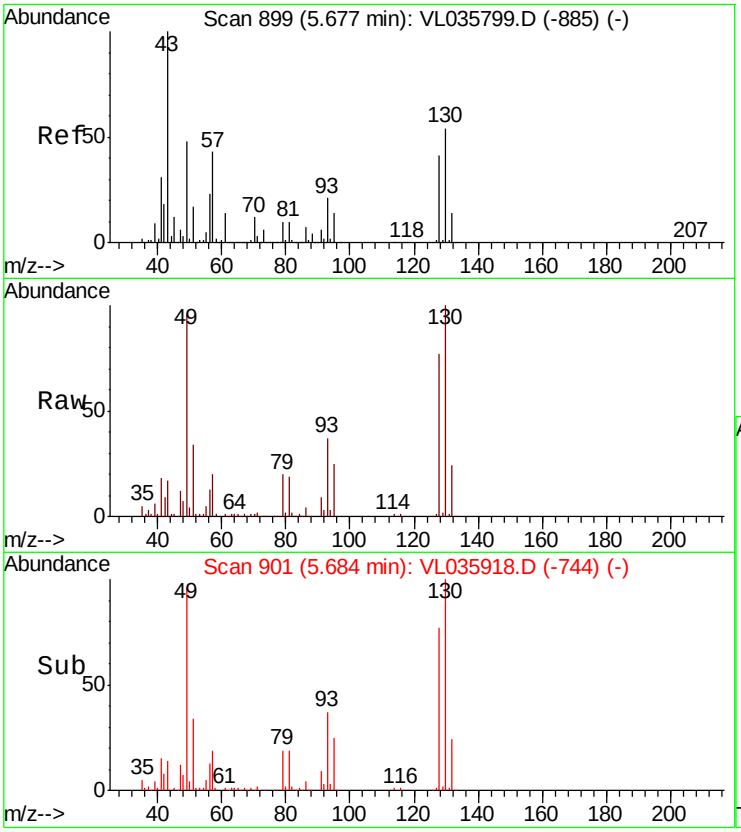


#23
Vinyl Acetate
Concen: 0.048 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 43 Resp: 8317

Ion	Ratio	Lower	Upper
43	100		
86	24.3	9.8	14.6#
42	38.7	8.1	12.1#
44	1.7	4.2	6.4#



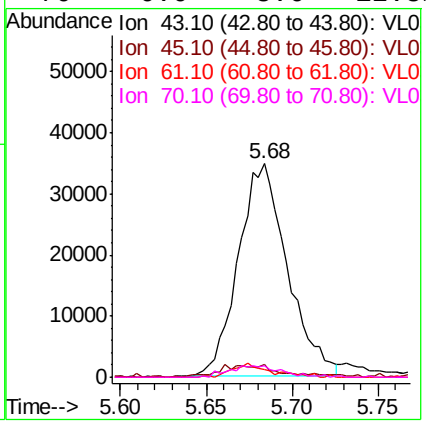


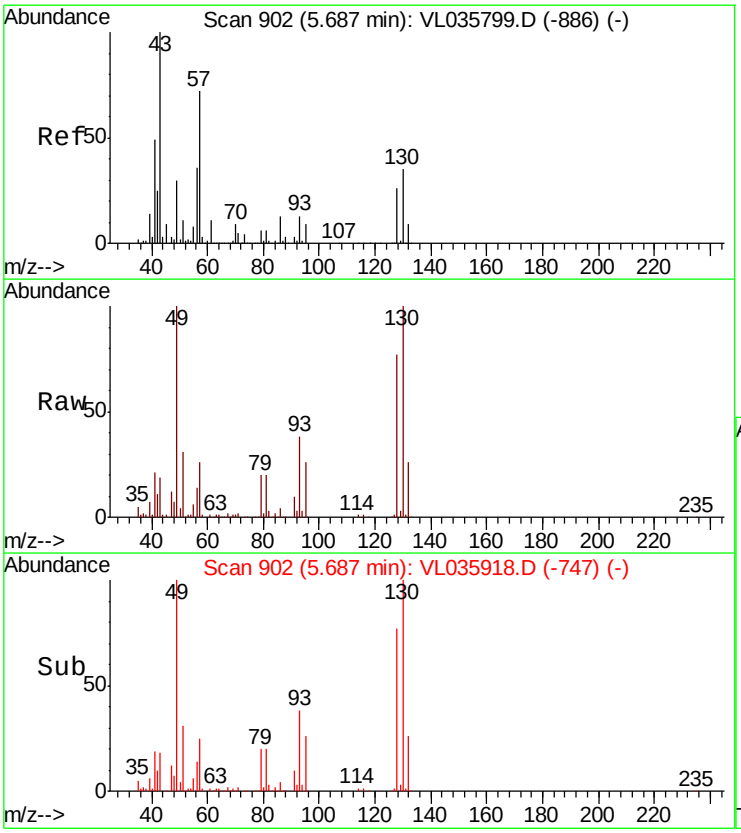
#25
Ethyl Acetate
Concen: 0.286 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Tgt Ion: 43 Resp: 68922

Ion	Ratio	Lower	Upper
43	100		
45	7.8	8.5	12.7#
61	5.2	10.7	16.1#
70	6.0	8.6	12.8#

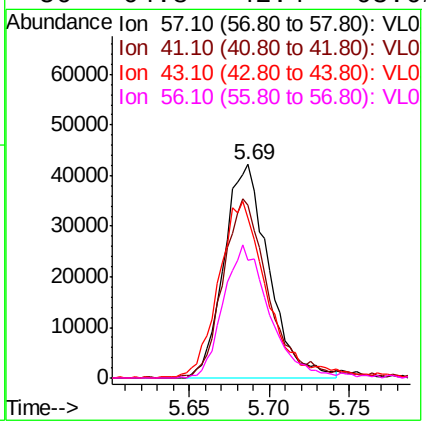


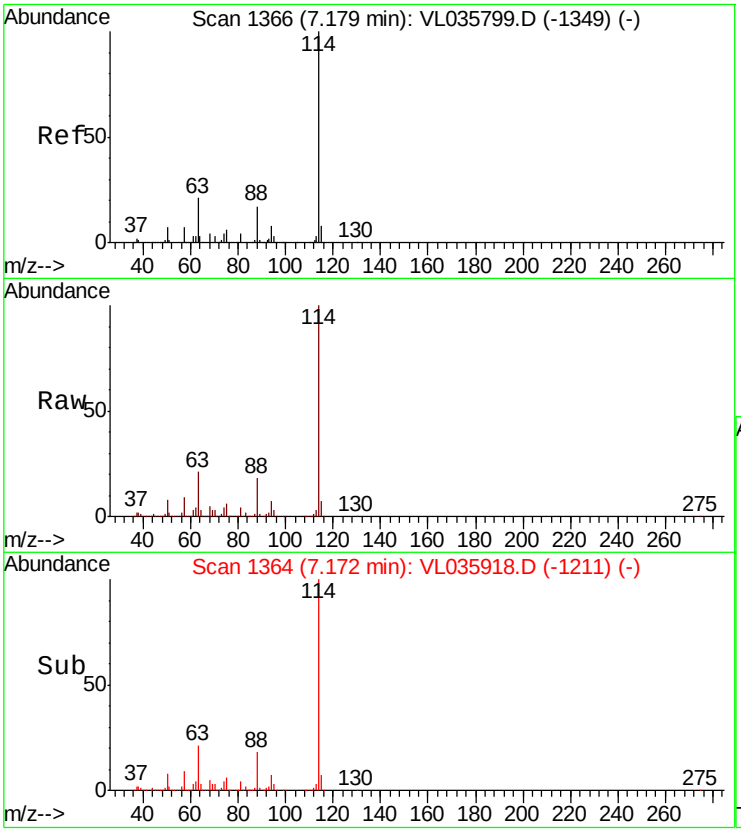


#26
Hexane
Concen: 0.606 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 57 Resp: 80643

Ion	Ratio	Lower	Upper
57	100		
41	88.0	58.9	88.3
43	92.6	150.2	225.2#
56	64.8	42.4	63.6#



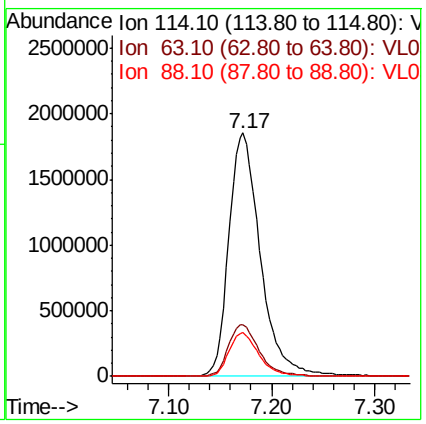


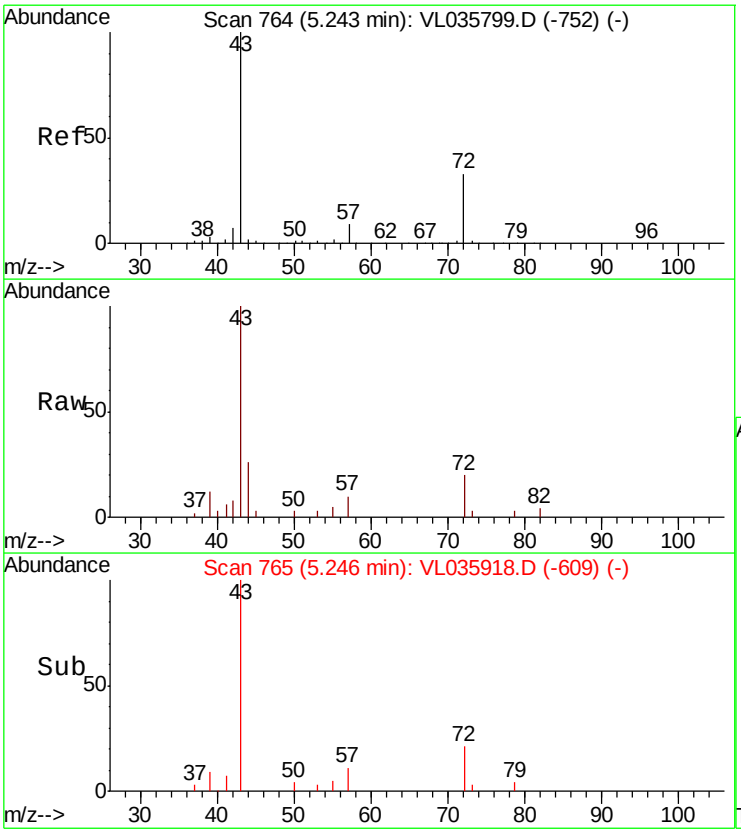
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument :
MSVOA_L
ClientSampleId :
CVS-3DL

Tgt Ion:114 Resp: 3951320

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.1	24.1
88	17.6	13.7	20.5

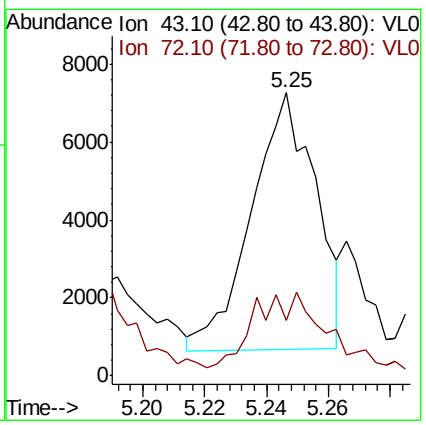


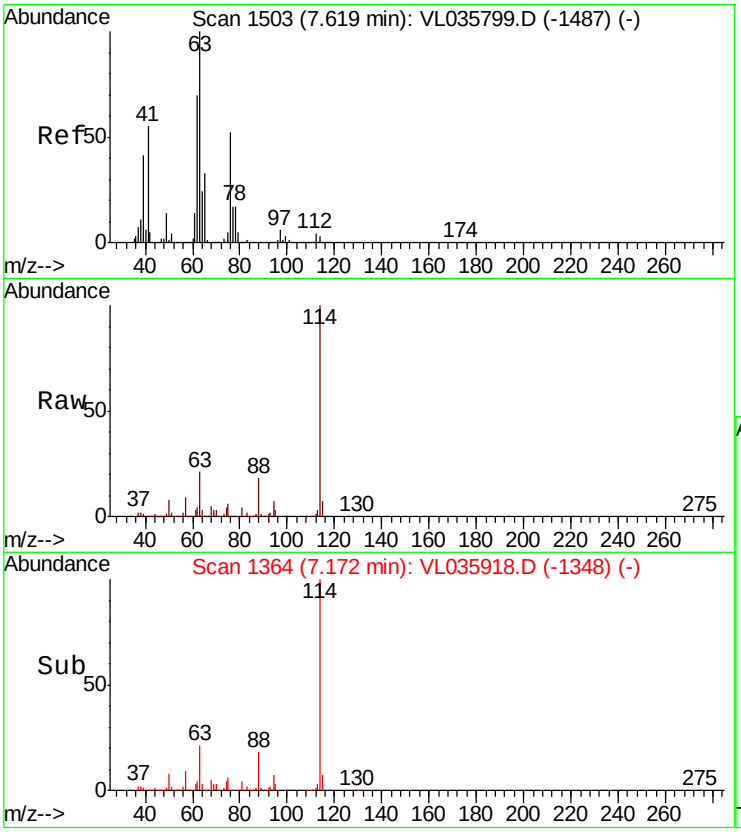


#34
2-Butanone
Concen: 0.075 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 43 Resp: 9559

Ion	Ratio	Lower	Upper
43	100		
72	40.3	26.5	39.7#



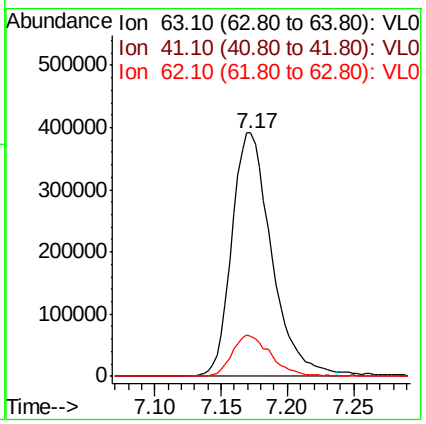


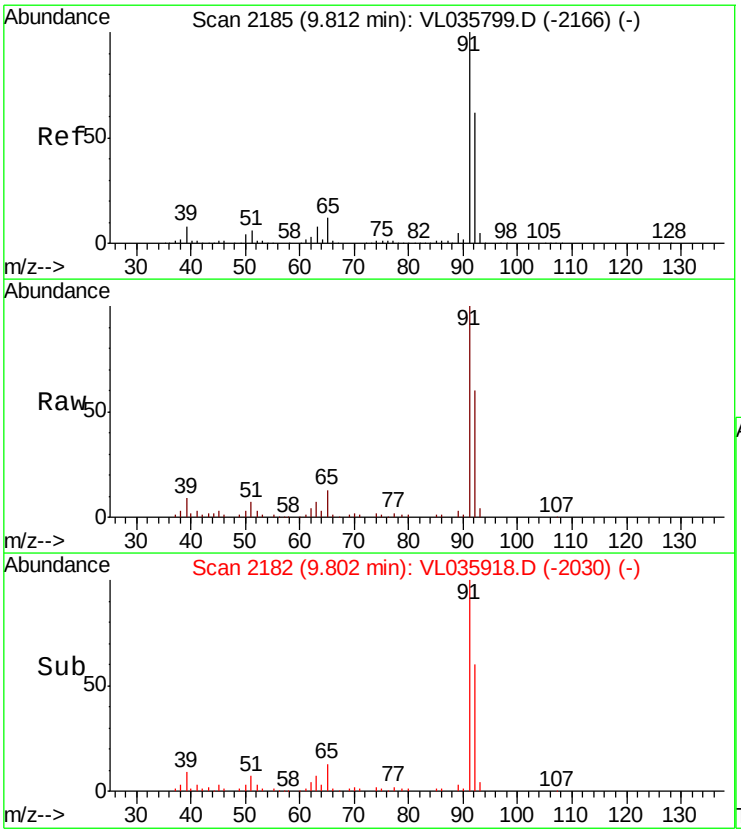
#39
1,2-Dichloropropane
Concen: 8.260 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Tgt Ion: 63 Resp: 816907

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.7	56.2	84.2#

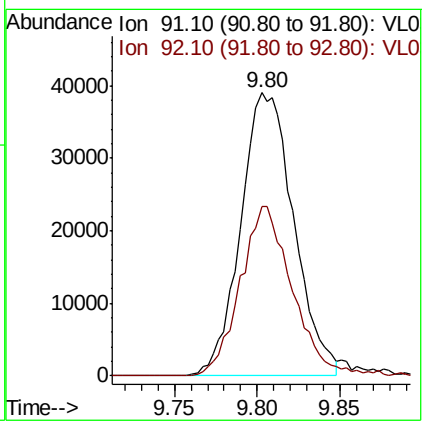


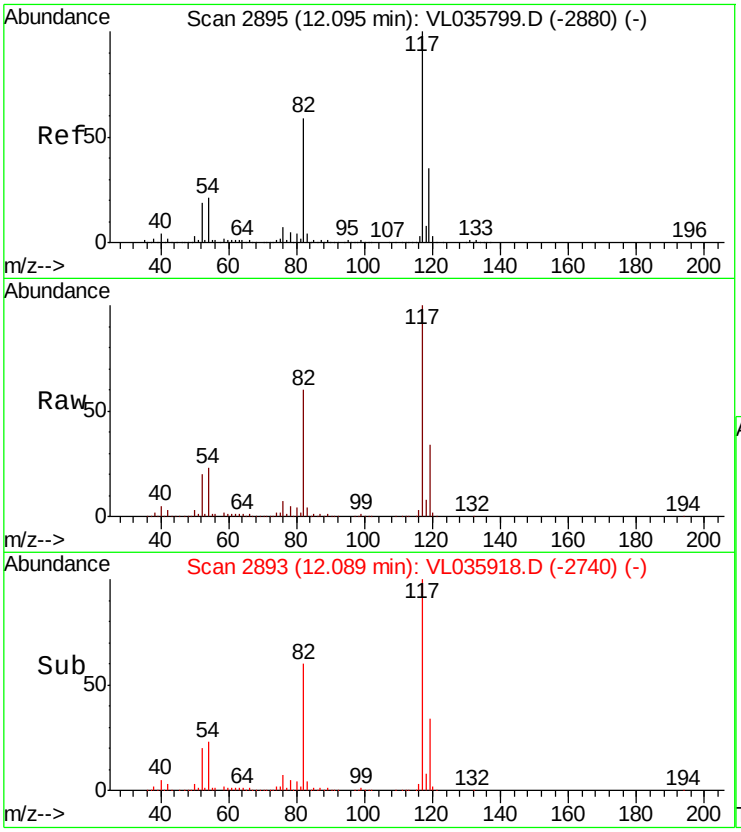


#53
Toluene
Concen: 0.246 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 91 Resp: 87053

Ion	Ratio	Lower	Upper
91	100		
92	59.1	49.8	74.6



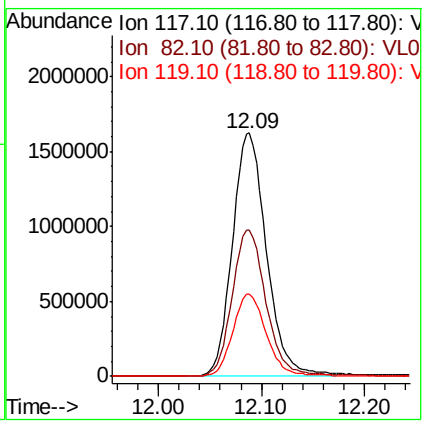


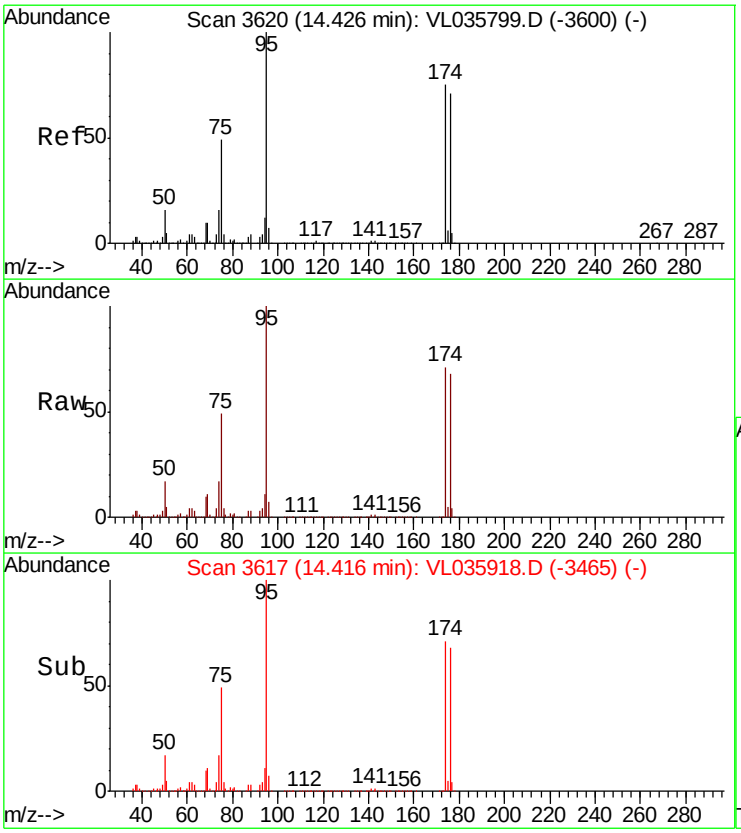
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Instrument : MSVOA_L
ClientSampleId : CVS-3DL

Tgt Ion:117 Resp: 3740341

Ion	Ratio	Lower	Upper
117	100		
82	60.9	50.6	76.0
119	33.9	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.142 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL035918.D
Acq: 12 Nov 2020 18:01

Tgt Ion: 95 Resp: 2695208

Ion	Ratio	Lower	Upper
95	100		
174	73.5	59.8	89.6
175	5.2	4.3	6.5