Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035885.D
Acq On : 6 Nov 2020 7:37
Operator : SY/AP
Sample : L4220-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1

Quant Time: Nov 06 08:12:04 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	5.64	49	1014424	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	3760144	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.07	117	3361886	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2330942	9.76	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	55163	0.289	ppbv		99
3) Chlorodifluoromethane	2.97	51	52686	0.434	ppbv	#	89
4) Chloromethane	3.12	50	17310	0.293	ppbv		94
7) Chloroethane	3.54	64	2243	0.085	ppbv	#	63
9) Propene	3.00	41	124258	2.795	ppbv	#	81
11) Trichlorofluoromethane	3.93	101	55045	0.230	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	11004	0.062	ppbv		94
13) Ethanol	3.59	45	40073	4.154	ppbv		93
15) Acetone	3.83	43	2222033	20.489	ppbv		98
16) 1,3-Butadiene	3.29	39	110522	2.367	ppbv	#	10
19) Isopropyl Alcohol	3.97	45	8170	0.123	ppbv	#	90
20) Methylene Chloride	4.32	84	597339	7.824	ppbv		99
21) Allyl Chloride	4.34	41	2970	0.051	ppbv	#	28
23) Vinyl Acetate	5.03	43	4727	0.031	ppbv	#	1
25) Ethyl Acetate	5.66	43	94205	0.441	ppbv	#	73
26) Hexane	5.66	57	158225	1.343	ppbv	#	44
27) Carbon Disulfide	4.53	76	64290	0.364	ppbv	#	89
30) Cyclohexane	7.11	84	10989	0.086	ppbv	#	12
34) 2-Butanone	5.23	43	48925	0.401	ppbv		89
39) 1,2-Dichloropropane	7.15	63	744265	7.908	ppbv	#	30

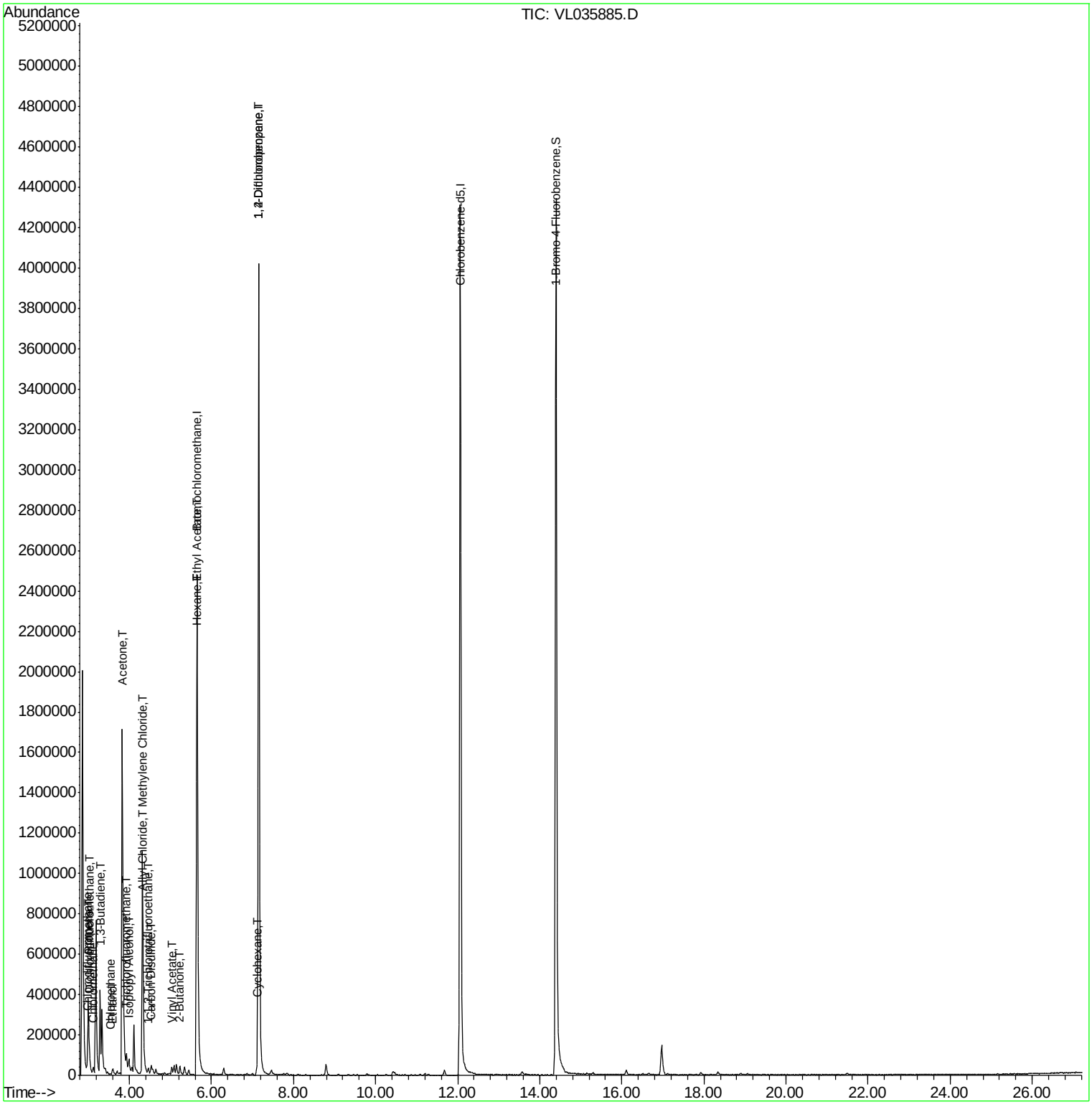
(#) = qualifier out of range (m) = manual integration (+) = signals summed

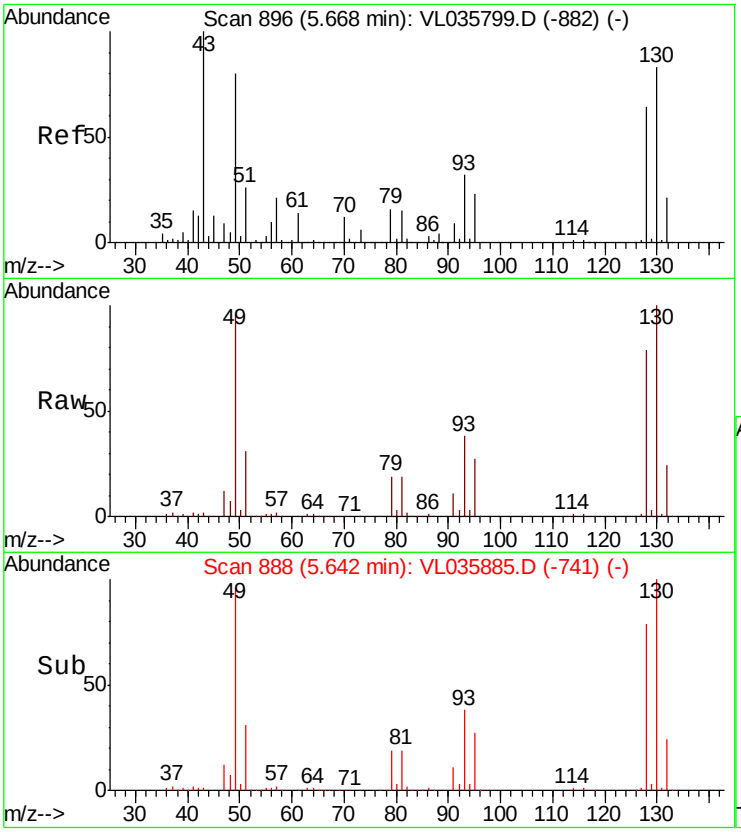
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035885.D
Acq On : 6 Nov 2020 7:37
Operator : SY/AP
Sample : L4220-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1

Quant Time: Nov 06 08:12:04 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



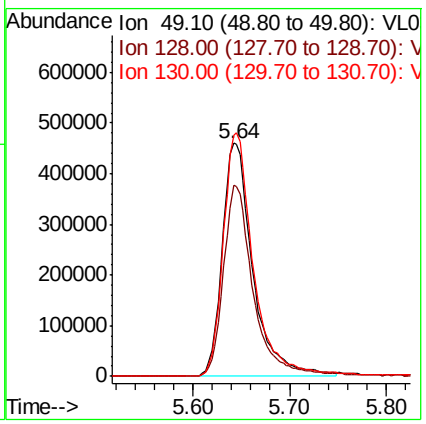


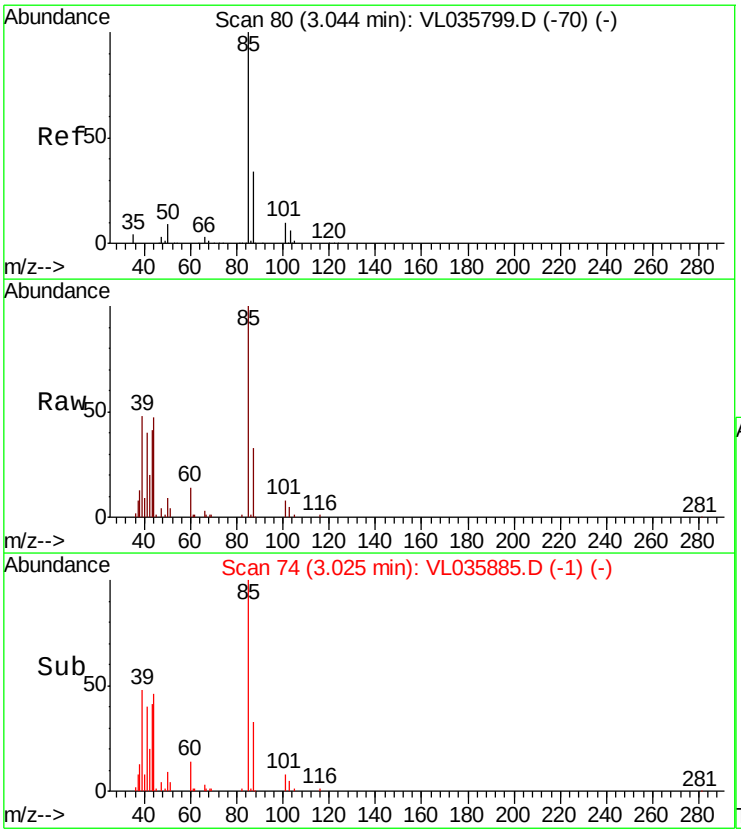
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.03 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 49 Resp: 1014424

Ion	Ratio	Lower	Upper
49	100		
128	81.4	41.5	124.6
130	104.6	53.7	161.1

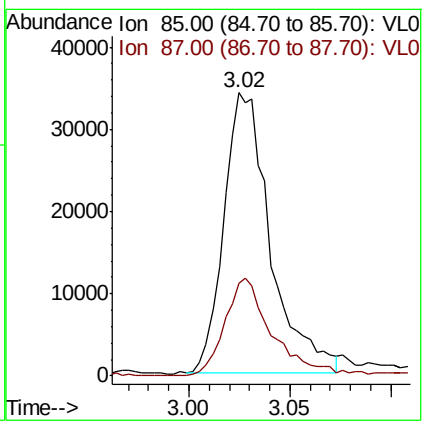


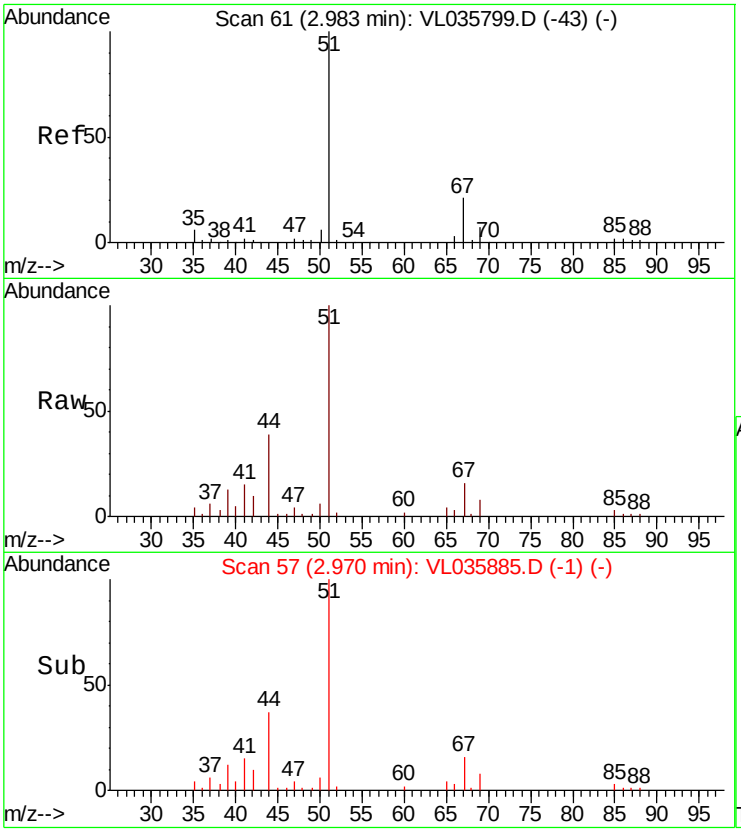


#2
Dichlorodifluoromethane
Concen: 0.289 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 85 Resp: 55163

Ion	Ratio	Lower	Upper
85	100		
87	33.1	27.1	40.7



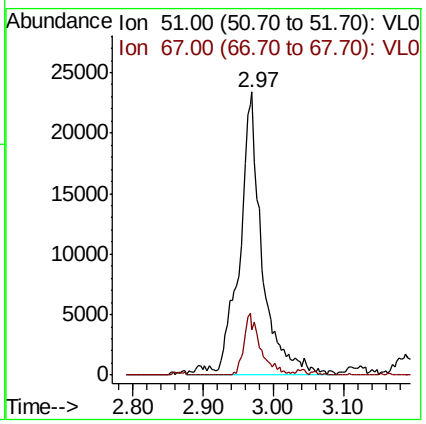


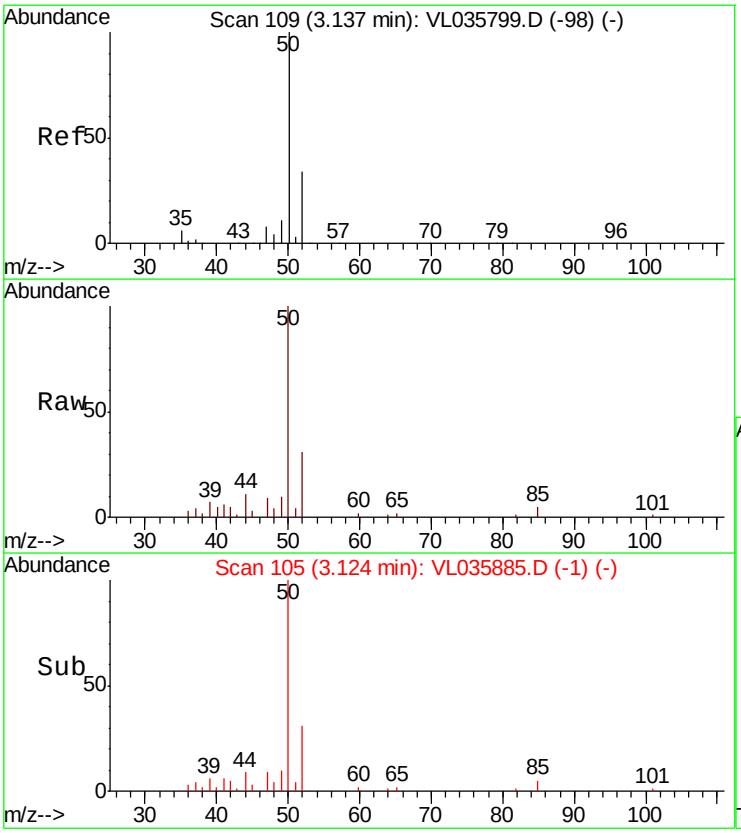
#3
Chlorodifluoromethane
Concen: 0.434 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 51 Resp: 52686

Ion	Ratio	Lower	Upper
51	100		
67	16.0	17.0	25.4#

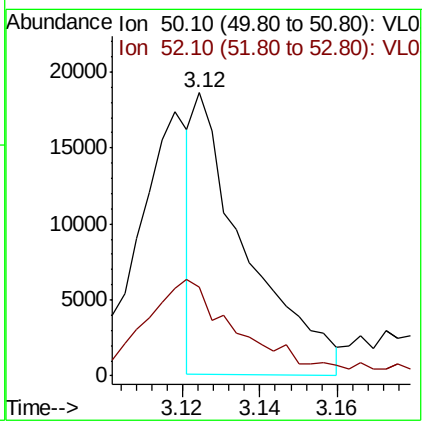


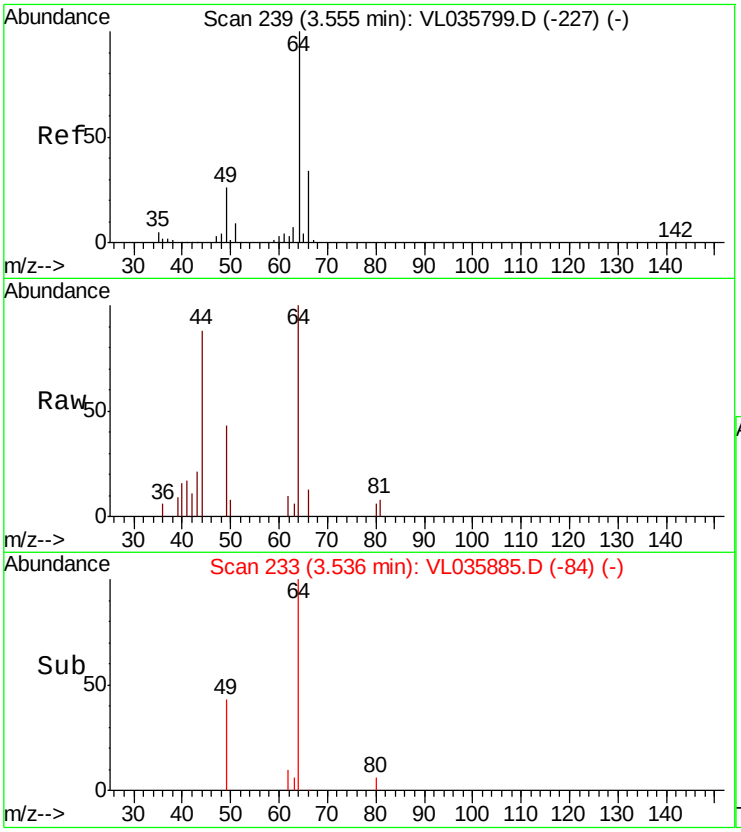


#4
Chloromethane
Concen: 0.293 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.01 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 50 Resp: 17310

Ion	Ratio	Lower	Upper
50	100		
52	30.6	27.1	40.7



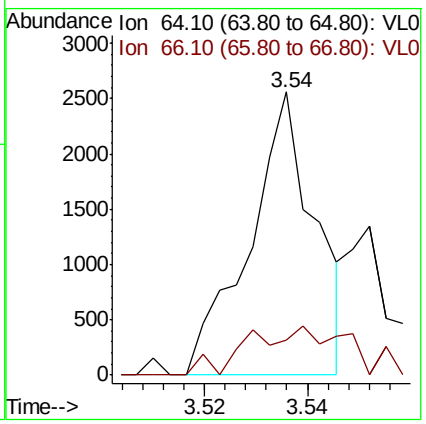


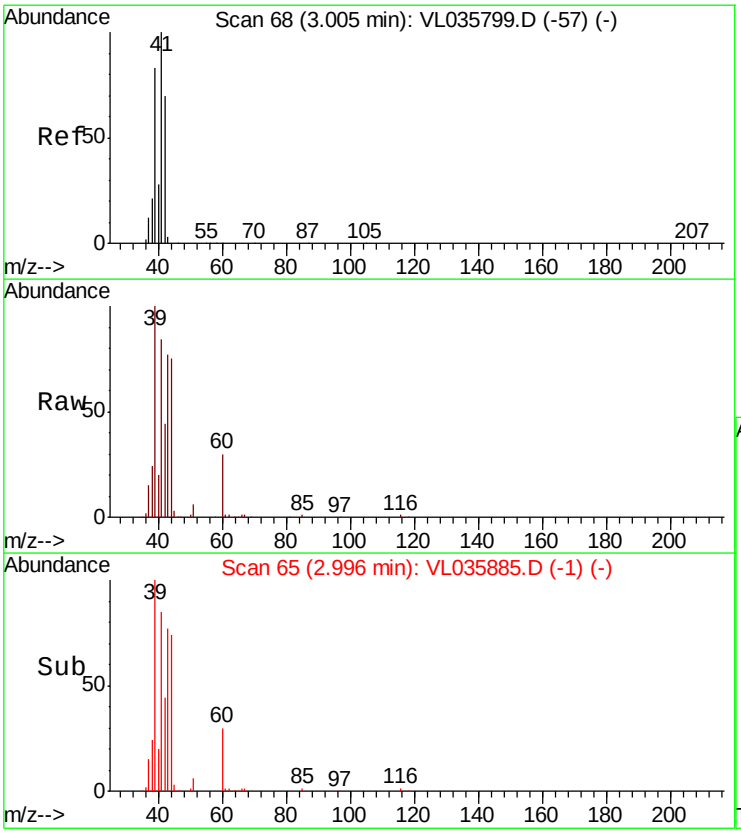
#7
Chloroethane
Concen: 0.085 ppbv
RT: 3.54 min Scan# 233
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 64 Resp: 2243

Ion	Ratio	Lower	Upper
64	100		
66	12.5	27.0	40.6#

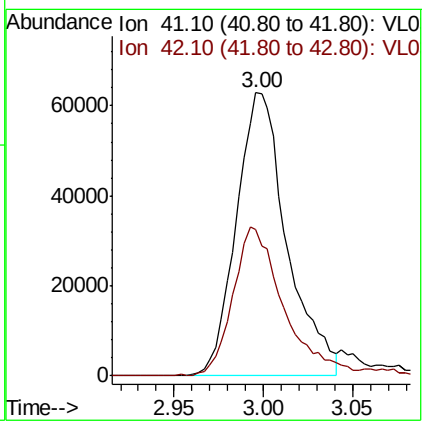


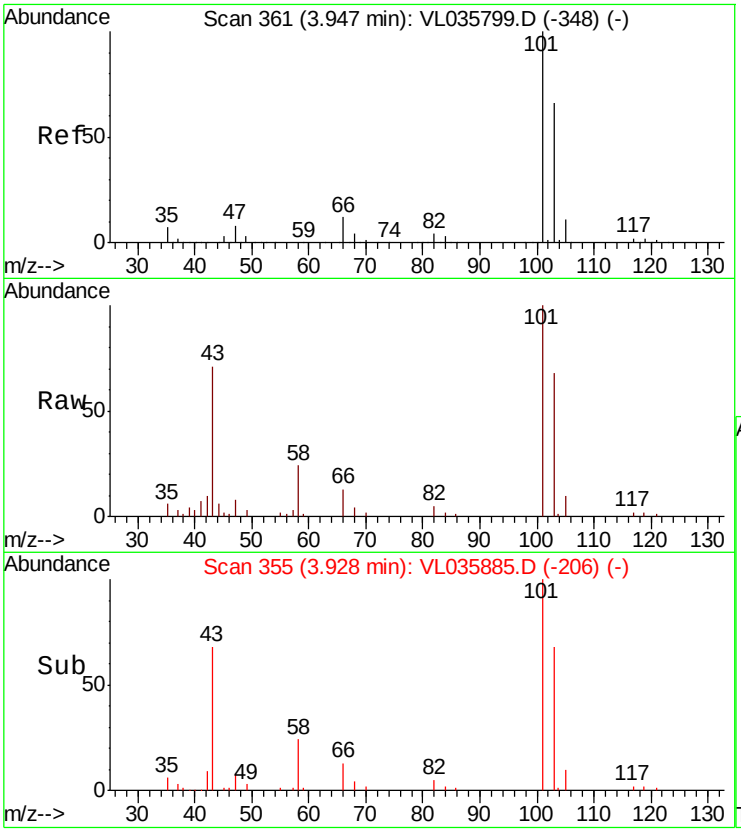


#9
Propene
Concen: 2.795 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 41 Resp: 124258

Ion	Ratio	Lower	Upper
41	100		
42	54.7	56.2	84.4#



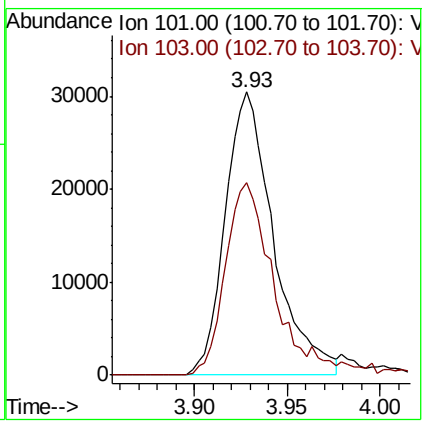


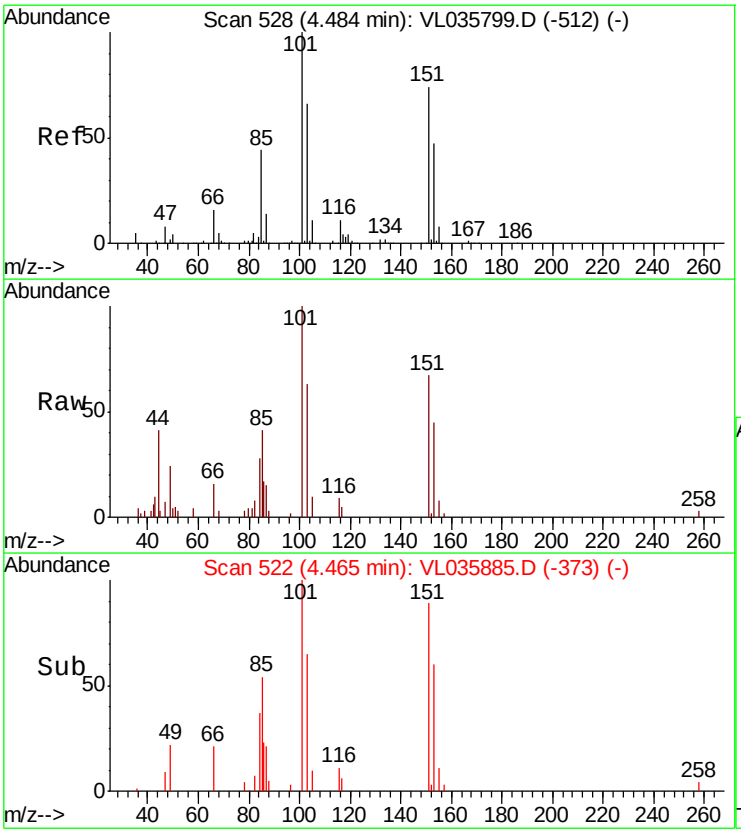
#11
Trichlorofluoromethane
Concen: 0.230 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:101 Resp: 55045

Ion	Ratio	Lower	Upper
101	100		
103	67.9	53.0	79.4

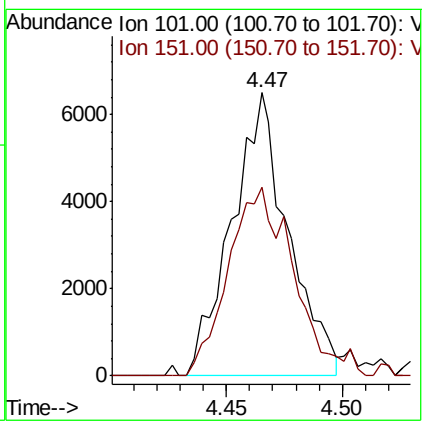


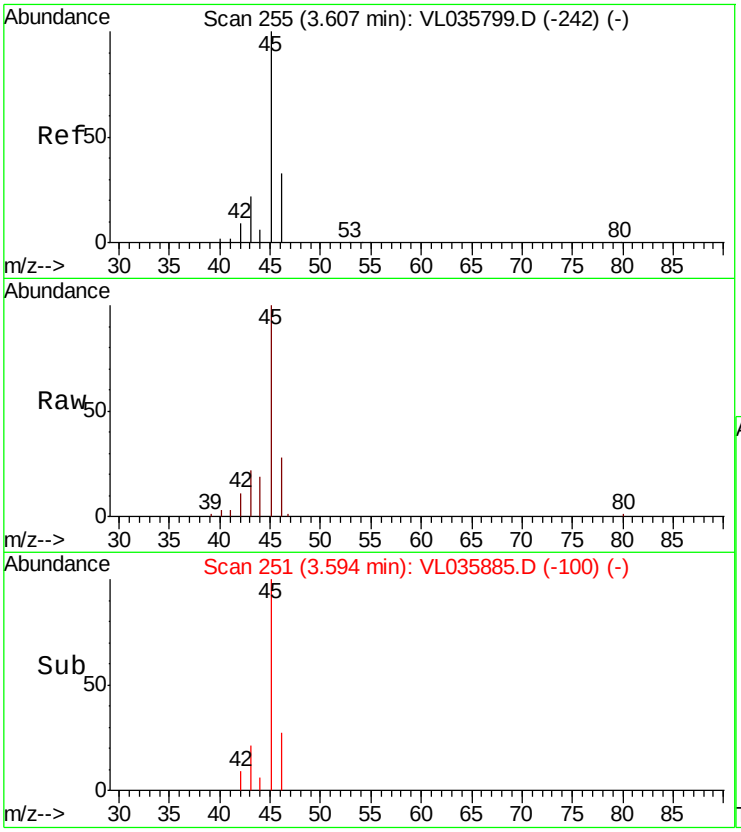


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.062 ppbv
RT: 4.47 min Scan# 522
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion:101 Resp: 11004

Ion	Ratio	Lower	Upper
101	100		
151	78.4	58.9	88.3



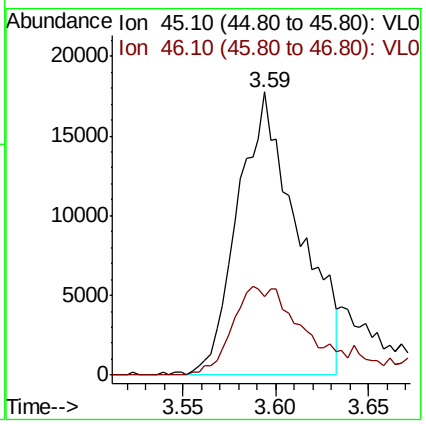


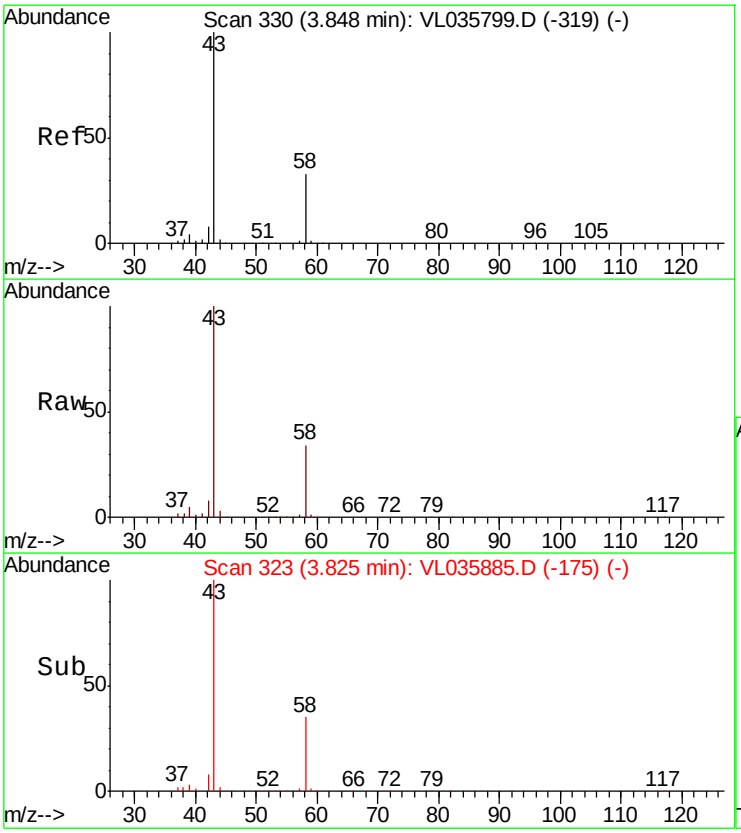
#13
Ethanol
Concen: 4.154 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 45 Resp: 40073

Ion	Ratio	Lower	Upper
45	100		
46	44.8	16.1	64.5

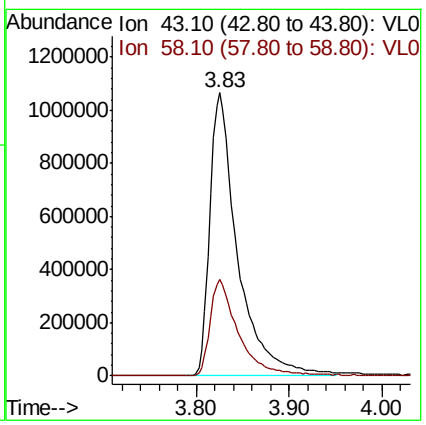


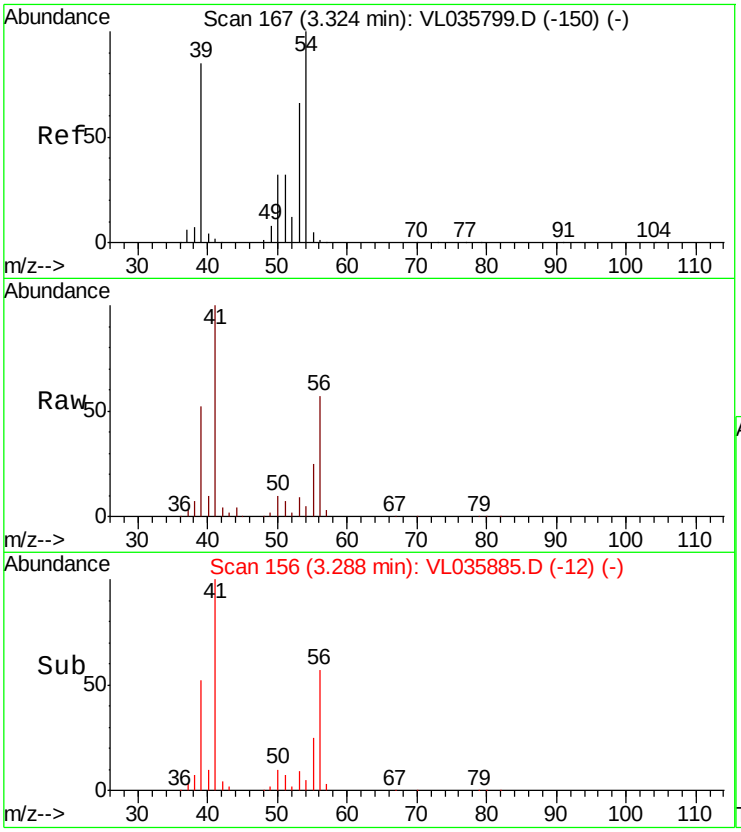


#15
Acetone
Concen: 20.489 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 43 Resp: 2222033

Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.5	41.3



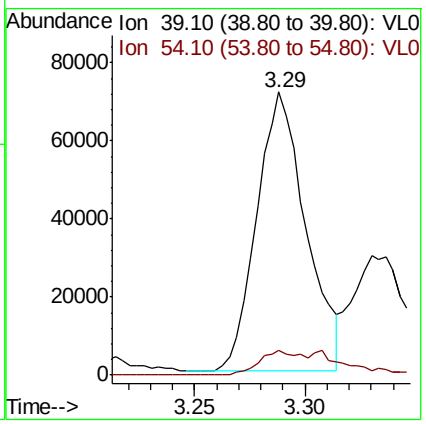


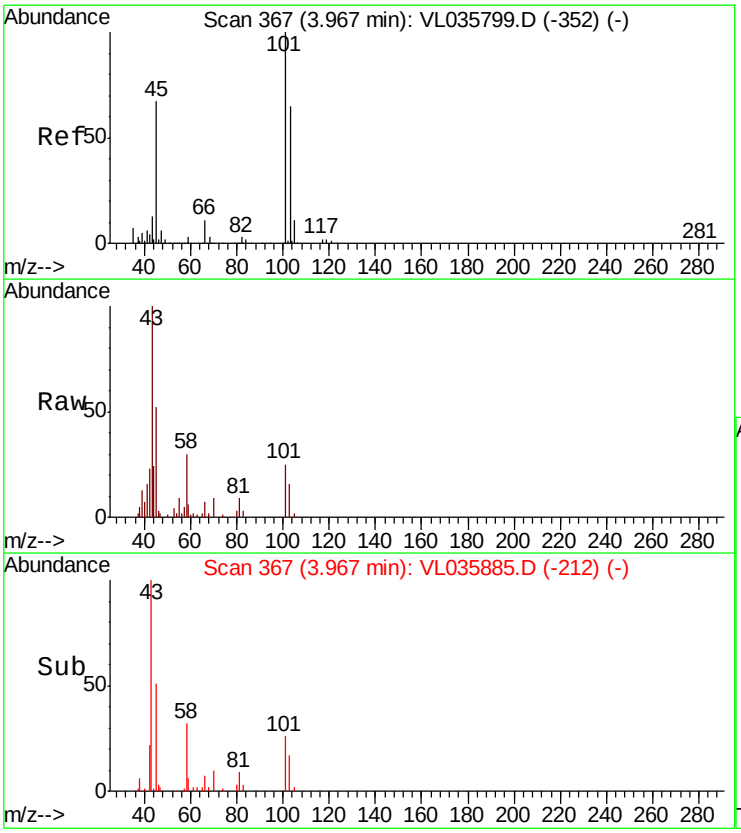
#16
1,3-Butadiene
Concen: 2.367 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.04 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion: 39 Resp: 110522

Ion	Ratio	Lower	Upper
39	100		
54	14.6	87.1	130.7#

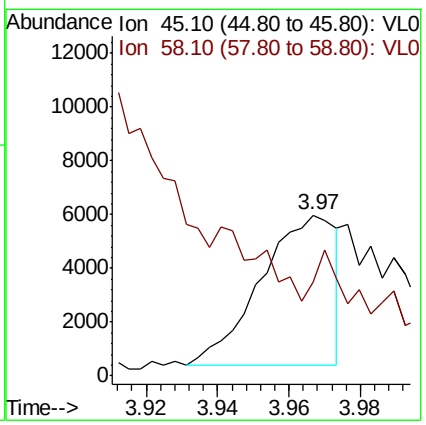


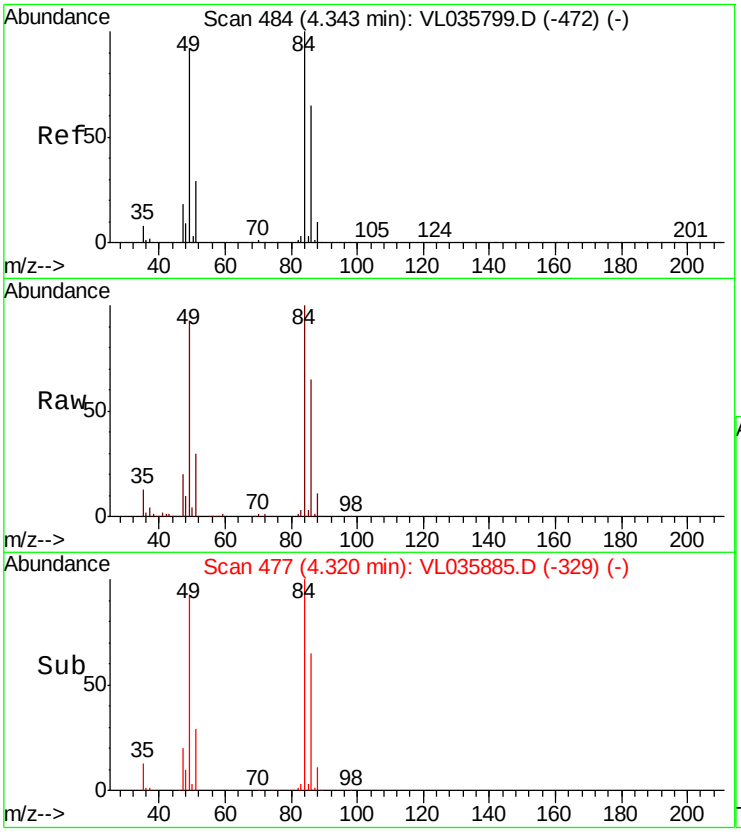


#19
Isopropyl Alcohol
Concen: 0.123 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 45 Resp: 8170

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.6	3.8#



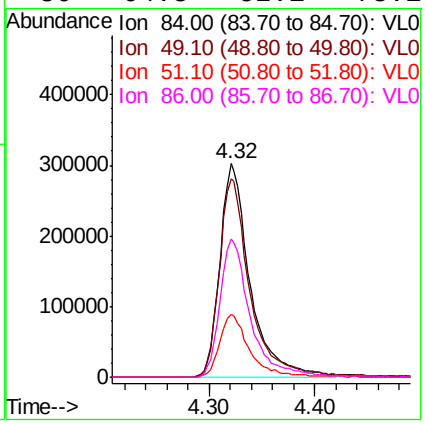


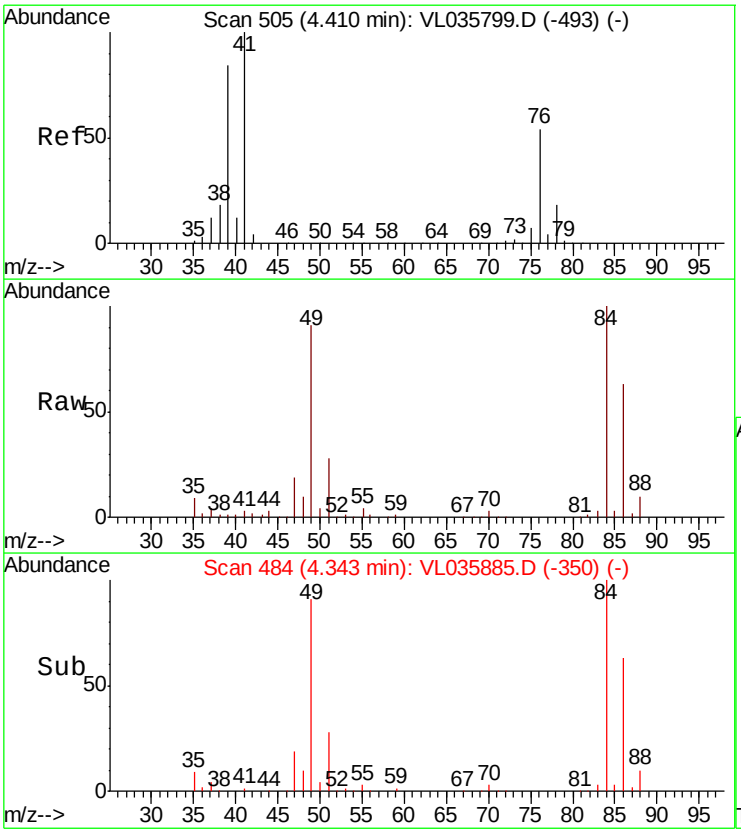
#20
Methylene Chloride
Concen: 7.824 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion: 84 Resp: 597339

Ion	Ratio	Lower	Upper
84	100		
49	92.7	73.8	110.8
51	29.6	23.0	34.4
86	64.8	52.1	78.1

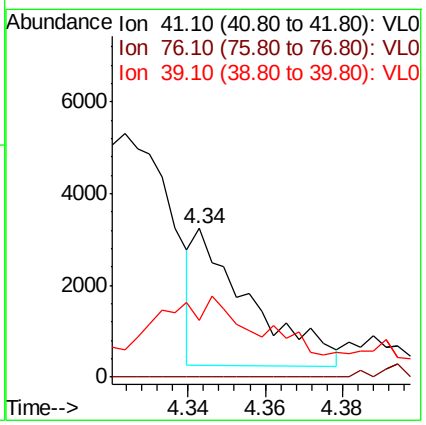


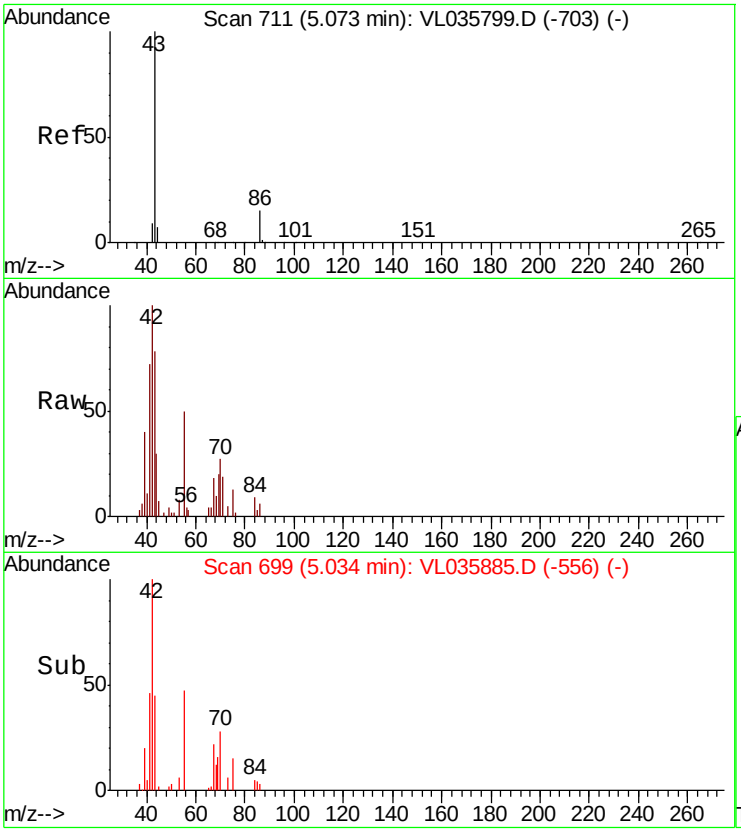


#21
Allyl Chloride
Concen: 0.051 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.07 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 41 Resp: 2970

Ion	Ratio	Lower	Upper
41	100		
76	0.0	42.6	63.8#
39	147.7	67.0	100.4#



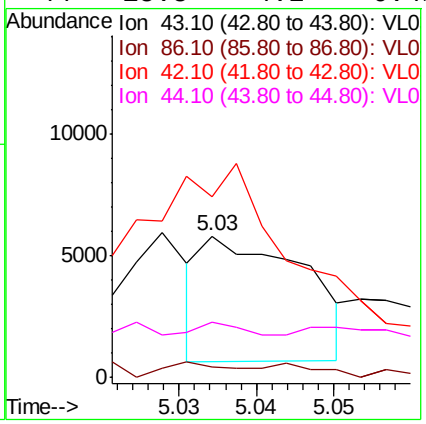


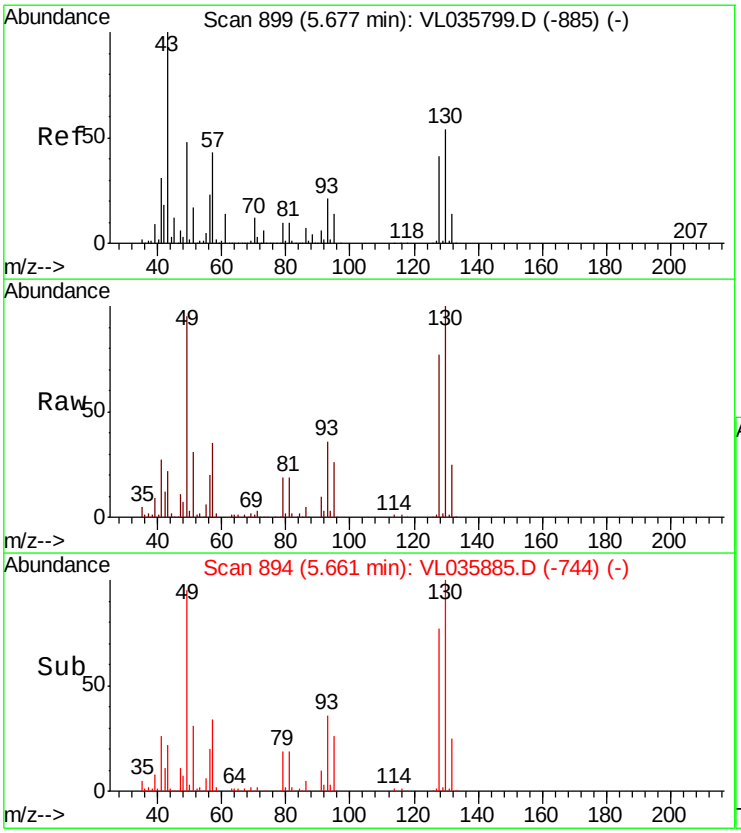
#23
Vinyl Acetate
Concen: 0.031 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.04 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion: 43 Resp: 4727

Ion	Ratio	Lower	Upper
43	100		
86	3.8	9.8	14.6#
42	118.1	8.1	12.1#
44	15.5	4.2	6.4#

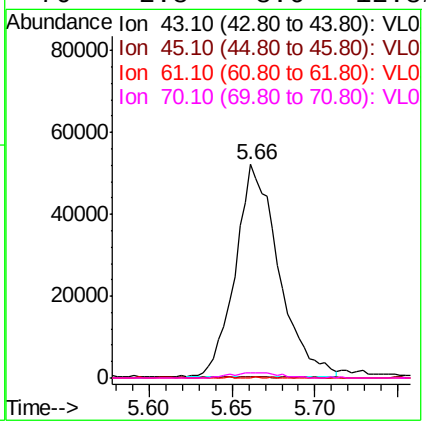


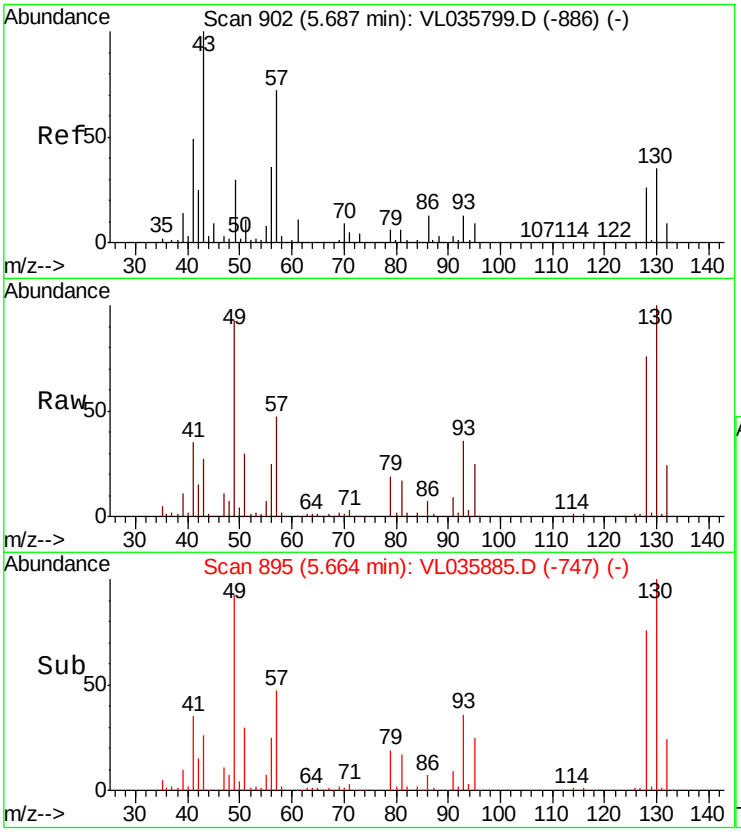


#25
Ethyl Acetate
Concen: 0.441 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 43 Resp: 94205

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.5	12.7#
61	0.2	10.7	16.1#
70	2.8	8.6	12.8#



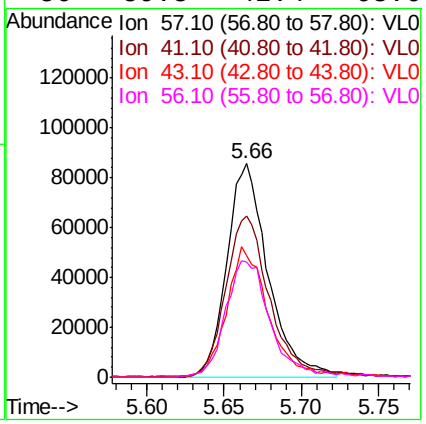


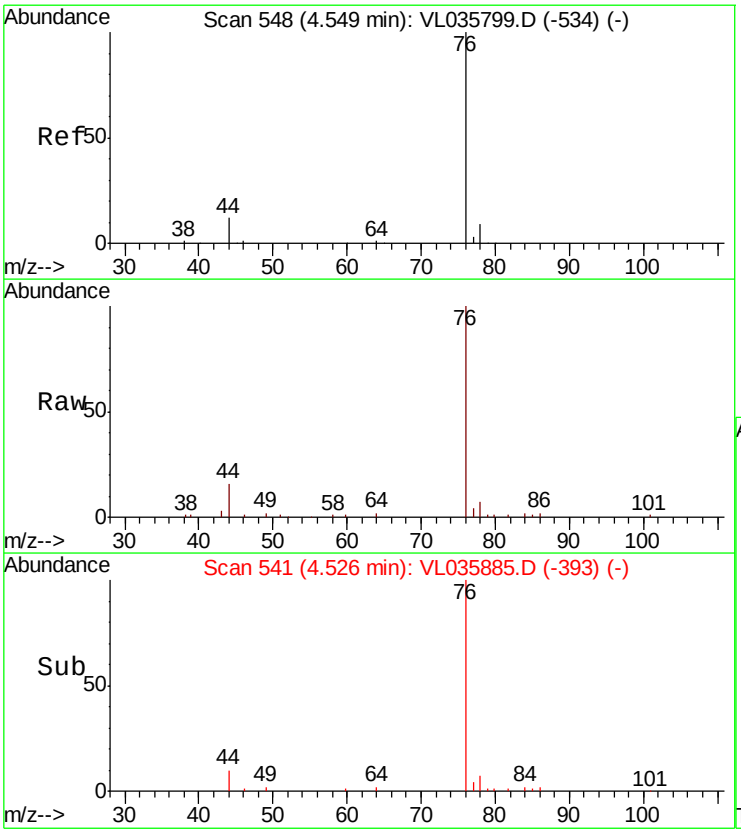
#26
Hexane
Concen: 1.343 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion: 57 Resp: 158225

Ion	Ratio	Lower	Upper
57	100		
41	81.9	58.9	88.3
43	61.3	150.2	225.2#
56	59.8	42.4	63.6

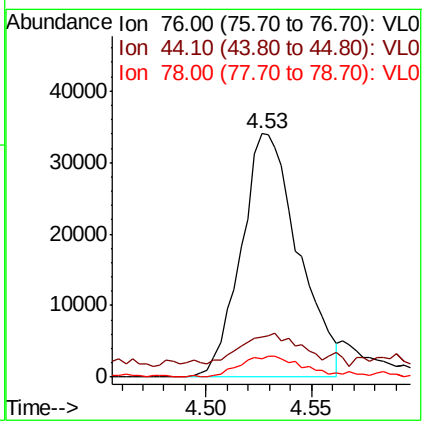


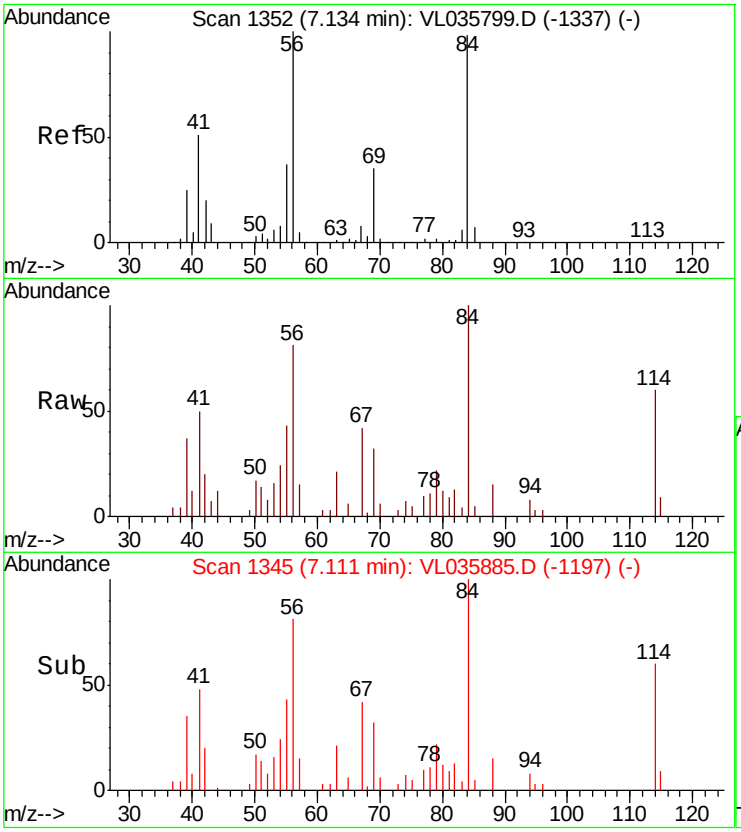


#27
Carbon Disulfide
Concen: 0.364 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 76 Resp: 64290

Ion	Ratio	Lower	Upper
76	100		
44	19.7	9.9	14.9#
78	10.6	8.1	12.1



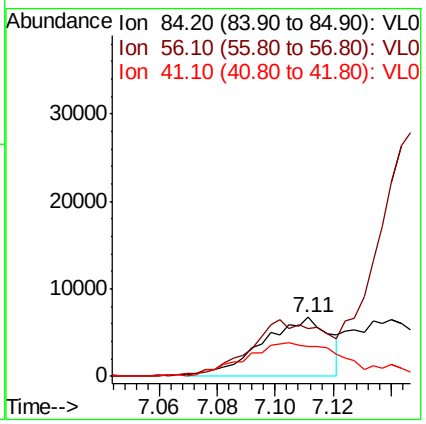


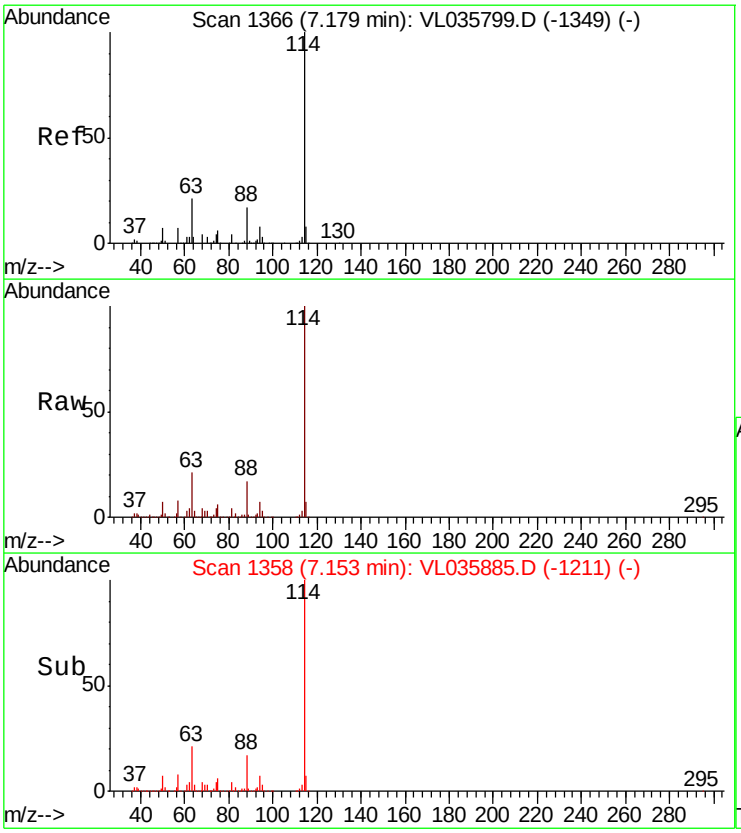
#30
Cyclohexane
Concen: 0.086 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion: 84 Resp: 10989

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	93.3	42.1	63.1#

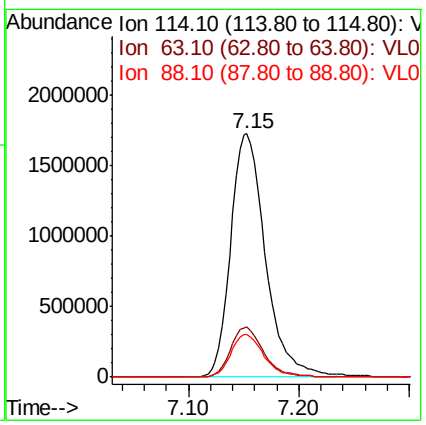


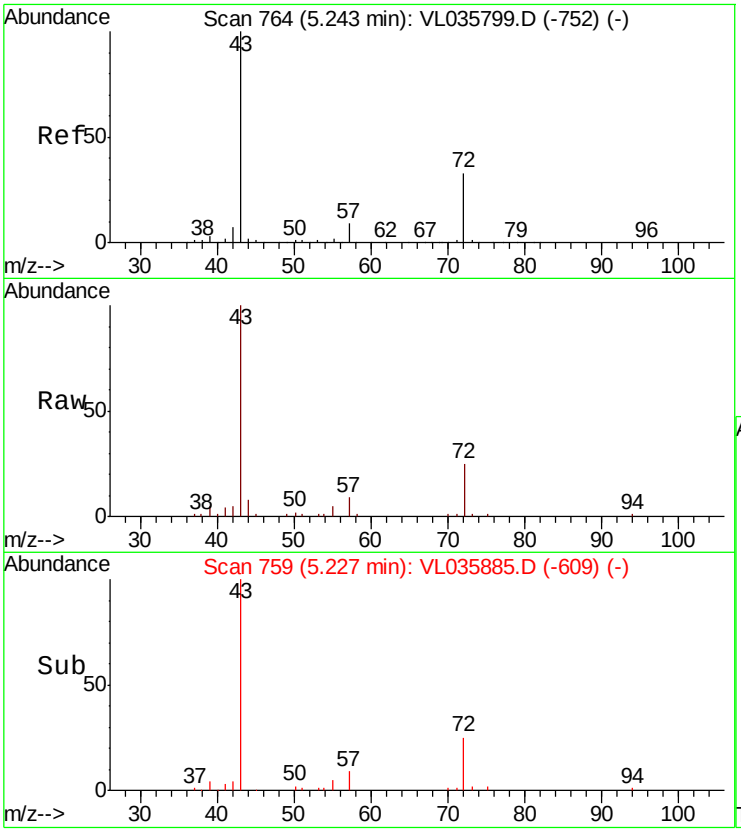


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion:114 Resp: 3760144

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.1	13.7	20.5



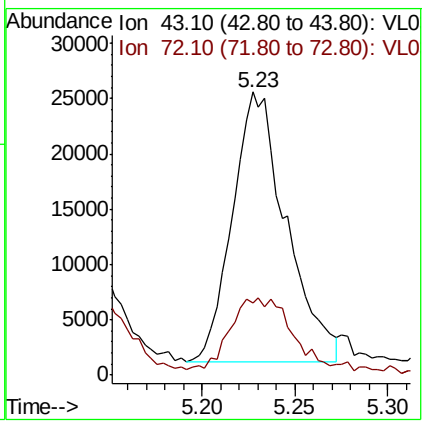


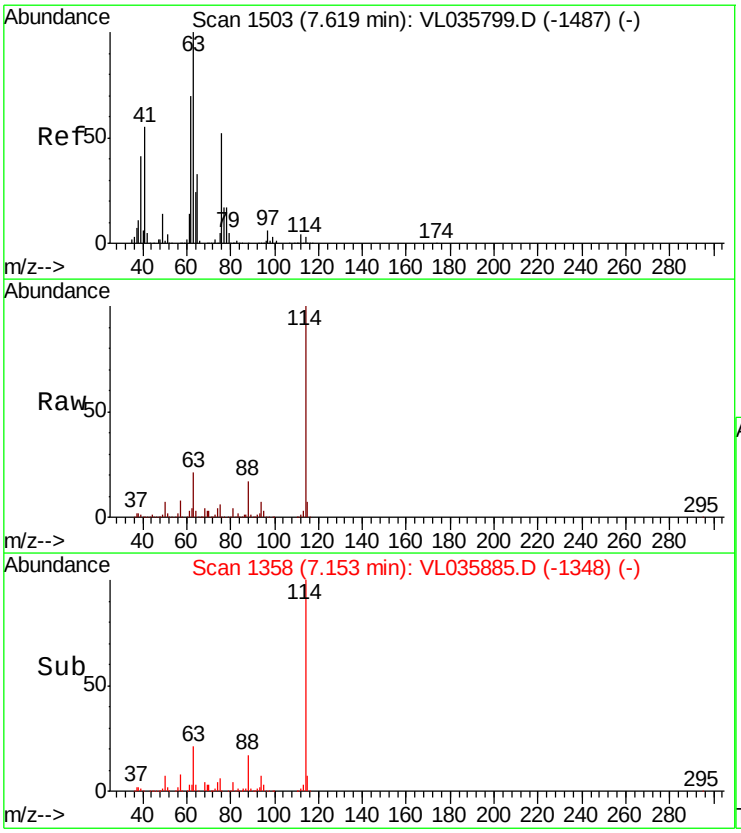
#34
2-Butanone
Concen: 0.401 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.02 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 48925

Ion	Ratio	Lower	Upper
43	100		
72	39.3	26.5	39.7

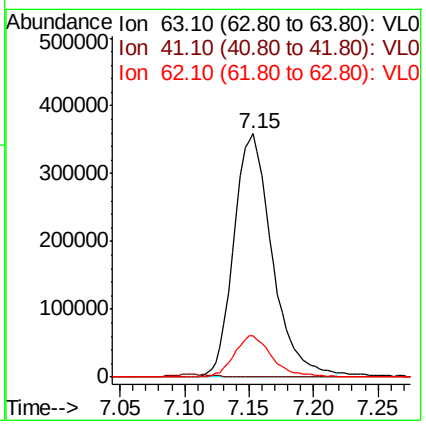


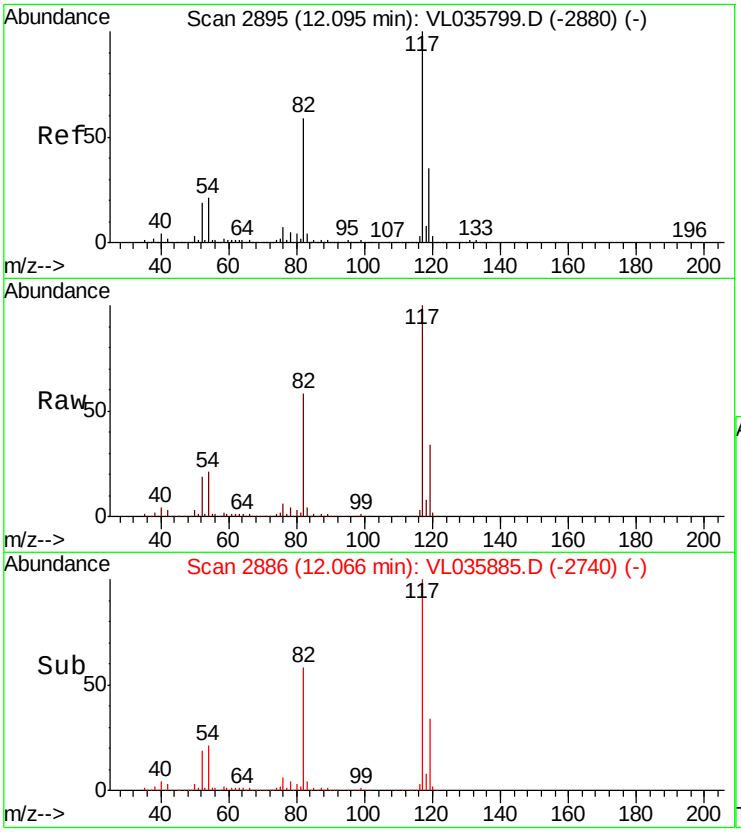


#39
1,2-Dichloropropane
Concen: 7.908 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.47 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 63 Resp: 744265

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.8	56.2	84.2#



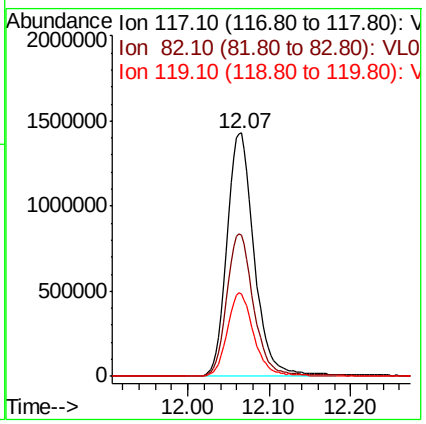


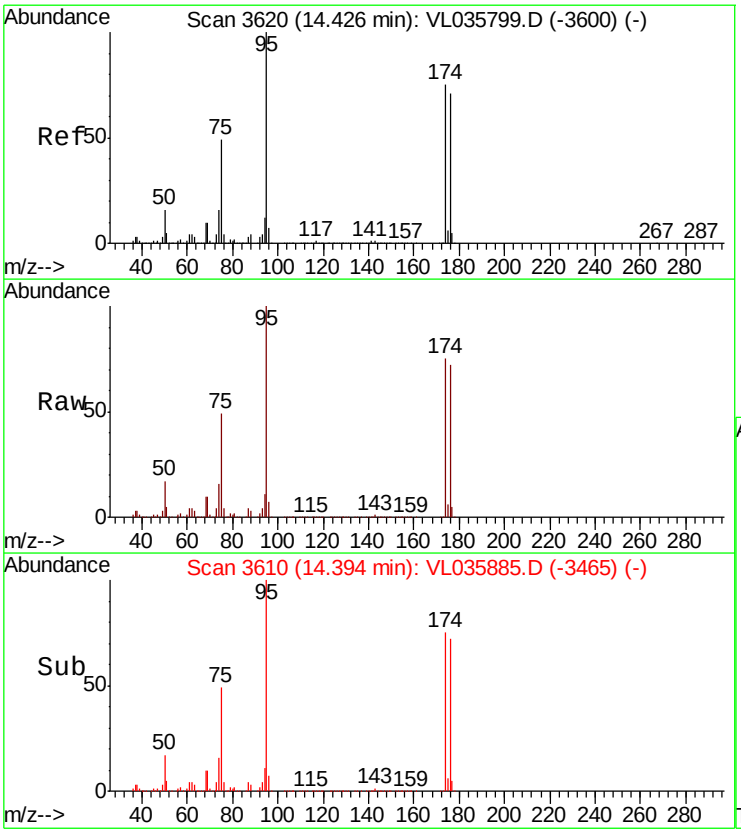
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:117 Resp: 3361886

Ion	Ratio	Lower	Upper
117	100		
82	58.8	50.6	76.0
119	33.8	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.759 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035885.D
Acq: 6 Nov 2020 7:37

Tgt Ion: 95 Resp: 2330942

Ion	Ratio	Lower	Upper
95	100		
174	78.1	59.8	89.6
175	5.5	4.3	6.5