Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036353.D
Acq On : 24 Feb 2021 16:42
Operator : SY/AP
Sample : M1463-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-12

Quant Time: Feb 25 05:18:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1631329	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	3625241	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	3247759	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2590504	9.69	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	44409	0.182	ppbv		100
3) Chlorodifluoromethane	2.99	51	83391	0.411	ppbv	#	91
4) Chloromethane	3.14	50	51305	0.524	ppbv		93
9) Propene	3.02	41	71887	0.951	ppbv	#	80
11) Trichlorofluoromethane	3.95	101	48873	0.205	ppbv		95
13) Ethanol	3.62	45	465710	32.809	ppbv		90
15) Acetone	3.86	43	649995	3.260	ppbv		97
16) 1,3-Butadiene	3.32	39	3563	0.037	ppbv		99
19) Isopropyl Alcohol	3.99	45	129117	1.169	ppbv	#	88
20) Methylene Chloride	4.35	84	2706978	42.077	ppbv		95
25) Ethyl Acetate	5.70	43	527215	1.370	ppbv	#	78
26) Hexane	5.69	57	689069	4.356	ppbv	#	39
34) 2-Butanone	5.26	43	49152	0.204	ppbv		95
36) Benzene	6.90	78	70064	0.228	ppbv		94
39) 1,2-Dichloropropane	7.19	63	1055068	8.434	ppbv	#	23
41) Tetrahydrofuran	5.70	42	300617	2.236	ppbv	#	51
53) Toluene	9.82	91	86761	0.260	ppbv		95

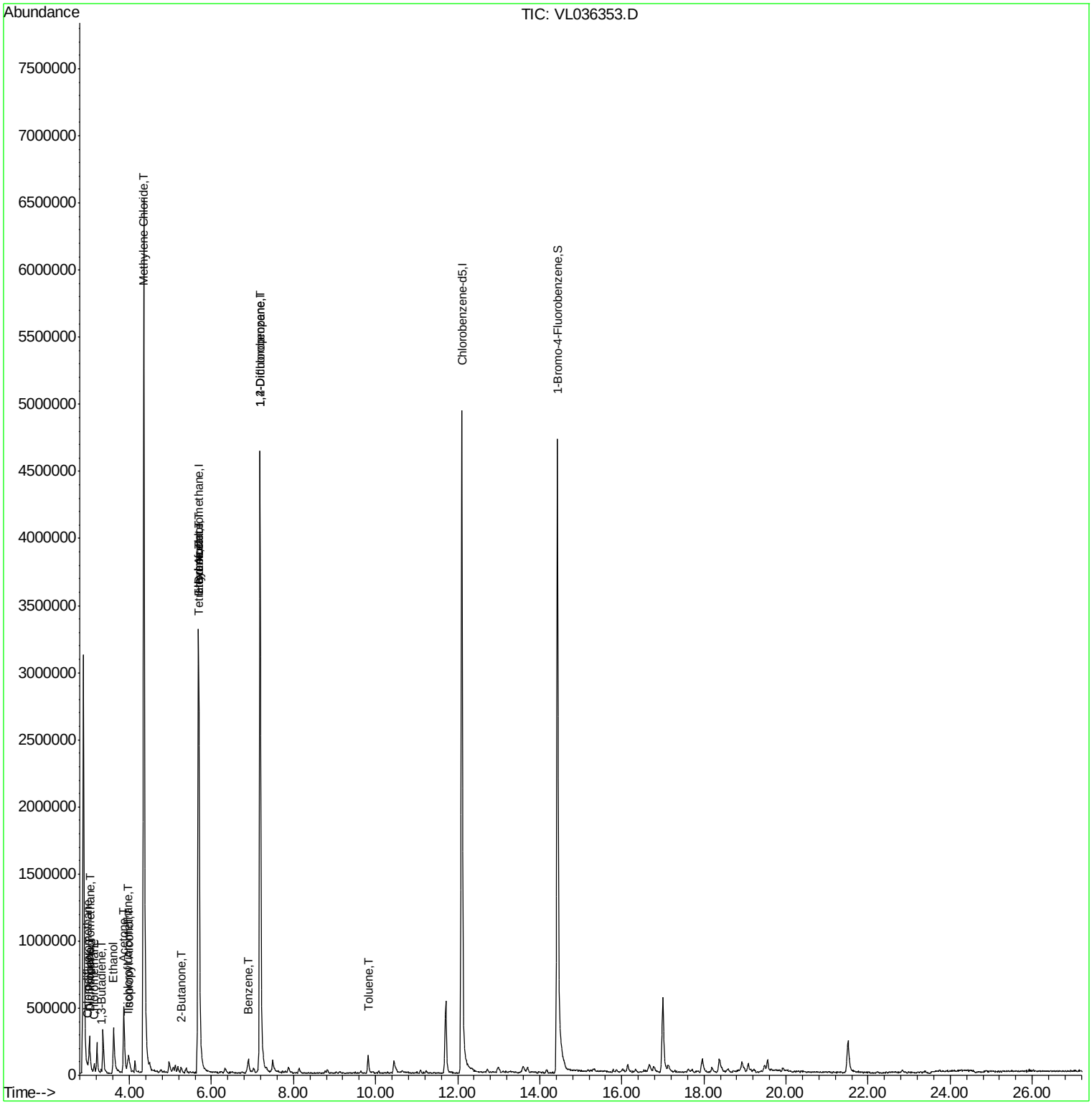
(#) = qualifier out of range (m) = manual integration (+) = signals summed

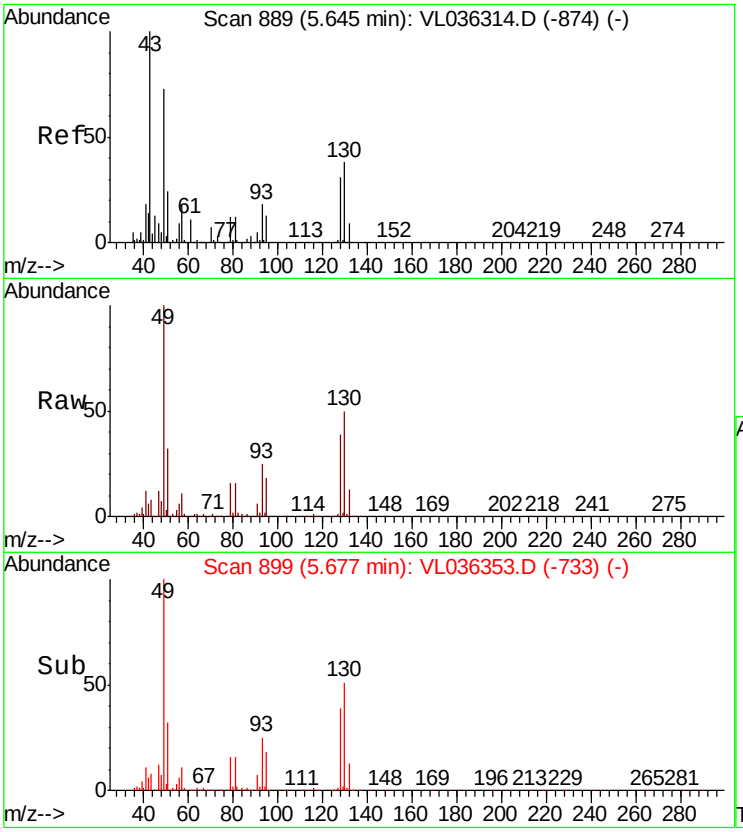
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036353.D
Acq On : 24 Feb 2021 16:42
Operator : SY/AP
Sample : M1463-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-12

Quant Time: Feb 25 05:18:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration



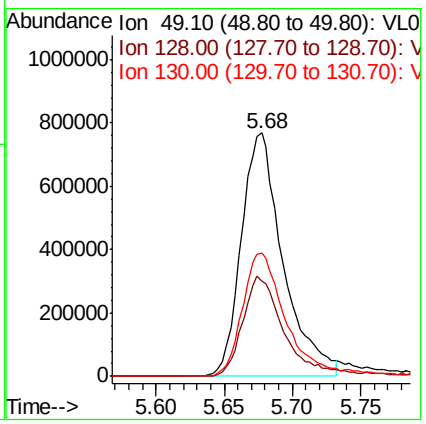


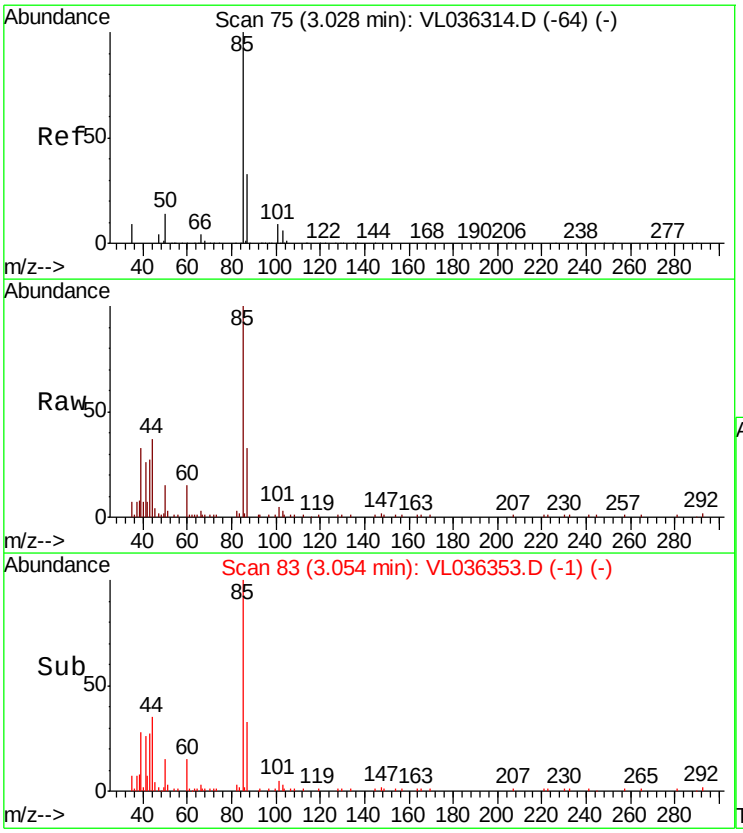
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument : MSVOA_L
ClientSampleId : NS-12

Tgt Ion: 49 Resp: 1631329

Ion	Ratio	Lower	Upper
49	100		
128	42.9	20.8	62.5
130	54.4	26.7	80.1

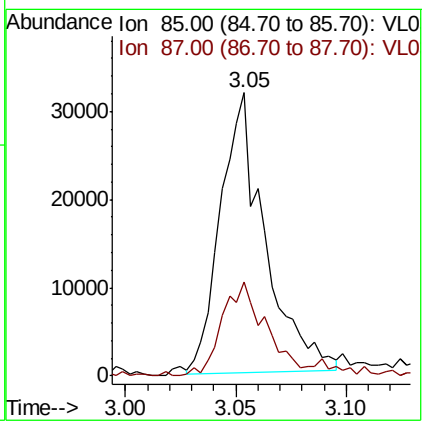


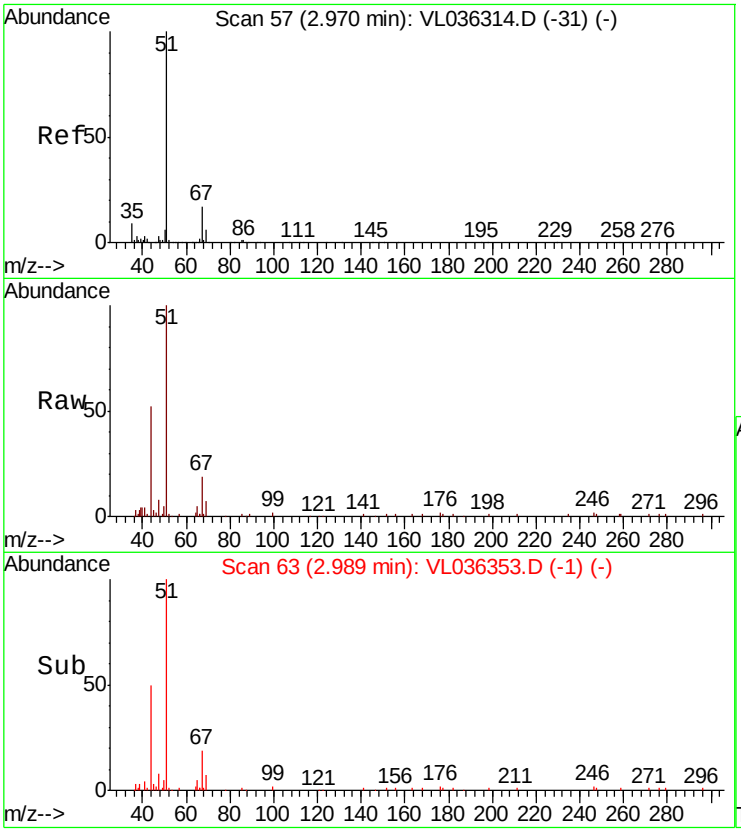


#2
Dichlorodifluoromethane
Concen: 0.182 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 85 Resp: 44409

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.5	39.7



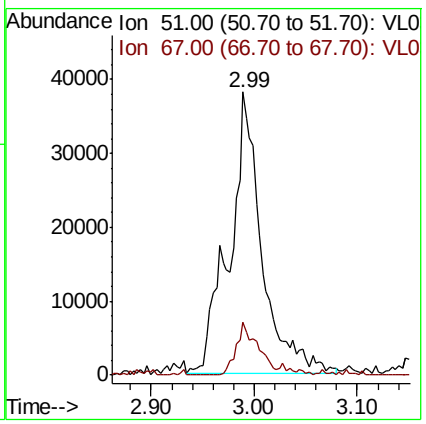


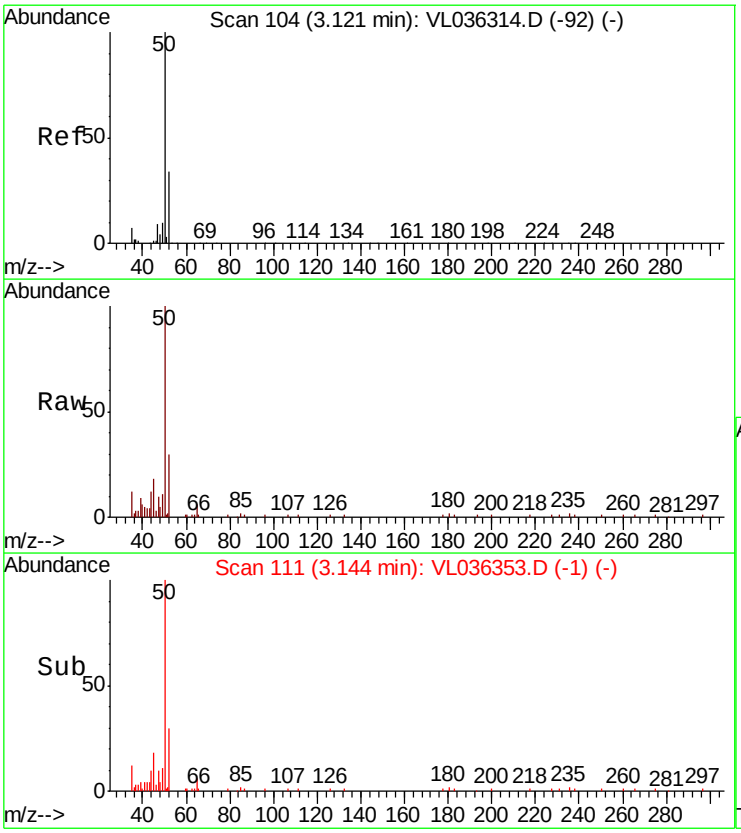
#3
Chlorodifluoromethane
Concen: 0.411 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.02 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 51 Resp: 83391

Ion	Ratio	Lower	Upper
51	100		
67	14.2	14.7	22.1#

Instrument :
MSVOA_L
ClientSampleId :
NS-12

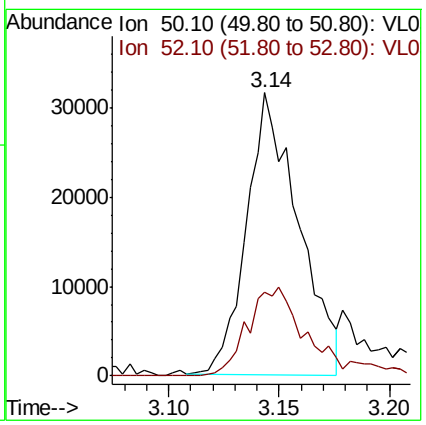


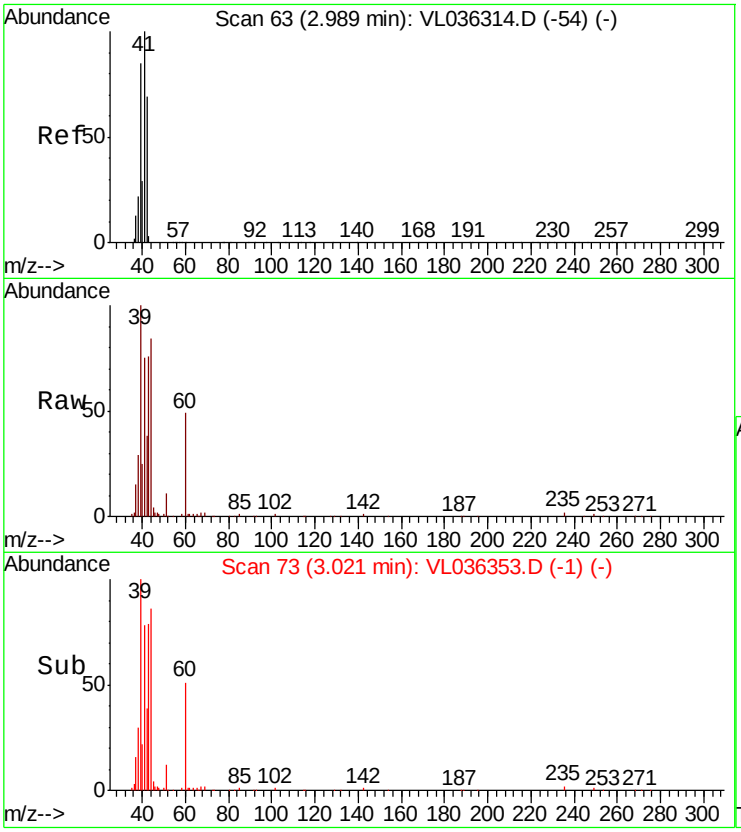


#4
Chloromethane
Concen: 0.524 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.02 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 50 Resp: 51305

Ion	Ratio	Lower	Upper
50	100		
52	30.0	27.0	40.4



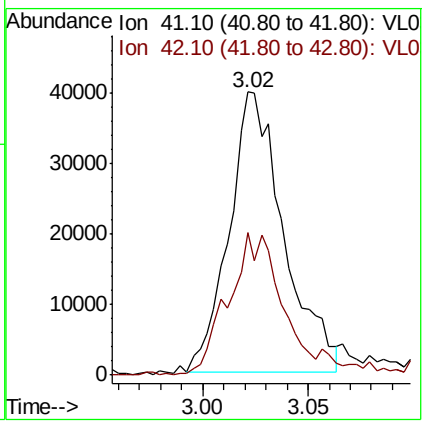


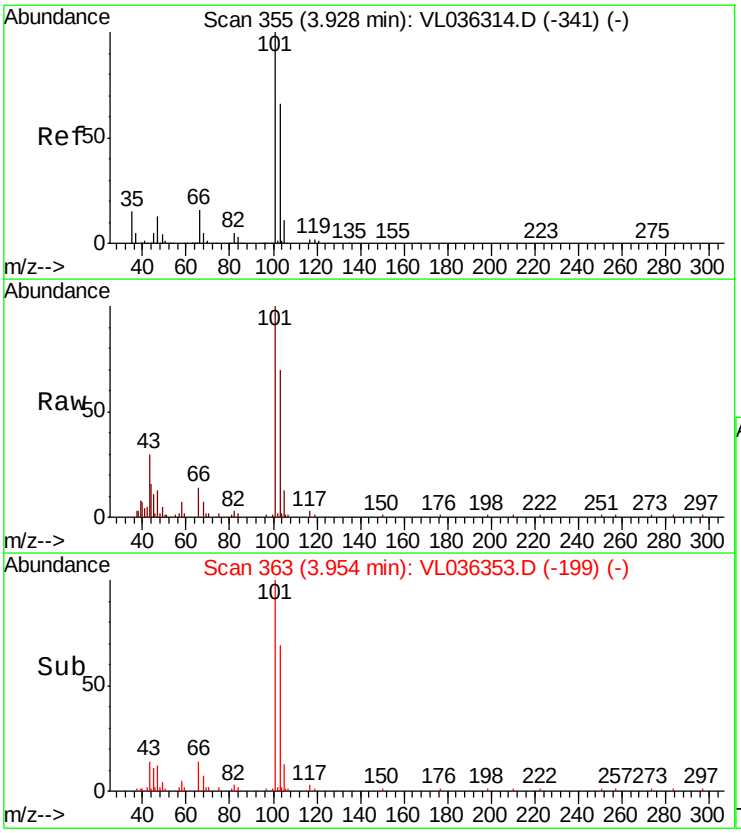
#9
Propene
Concen: 0.951 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :
NS-12

Tgt Ion: 41 Resp: 71887

Ion	Ratio	Lower	Upper
41	100		
42	53.6	56.2	84.2#

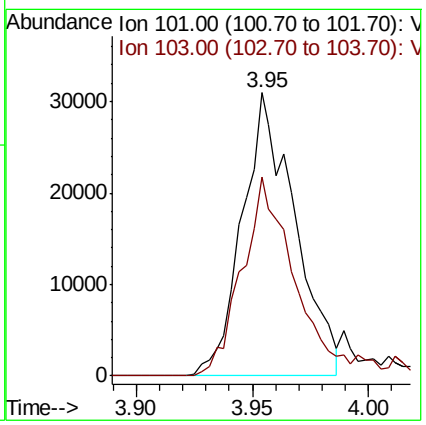


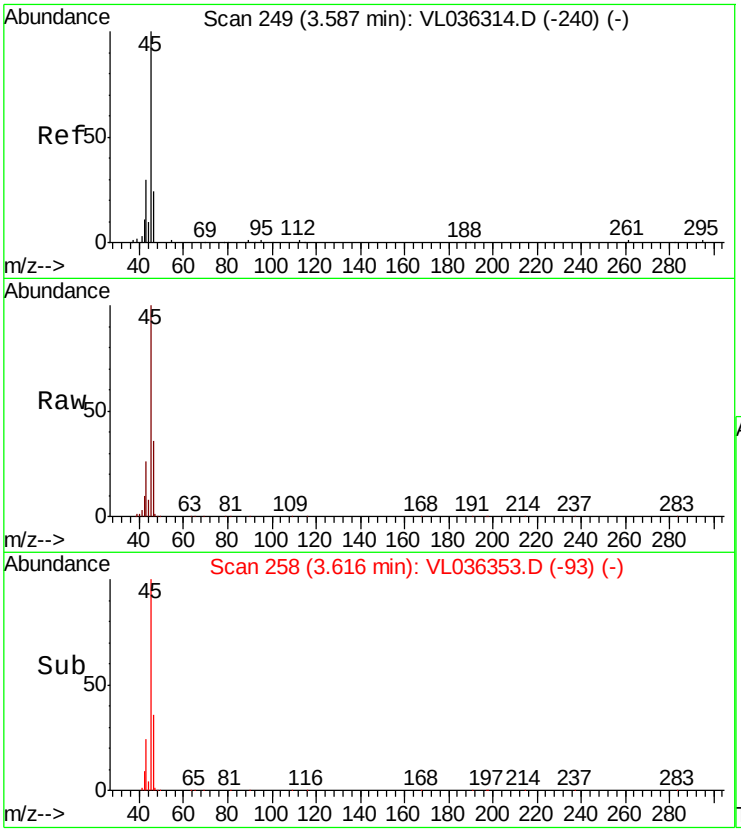


#11
Trichlorofluoromethane
Concen: 0.205 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion:101 Resp: 48873

Ion	Ratio	Lower	Upper
101	100		
103	70.4	52.9	79.3



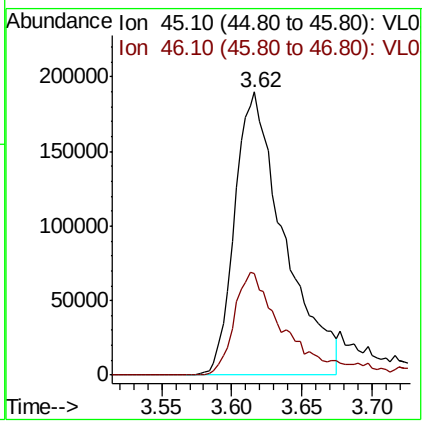


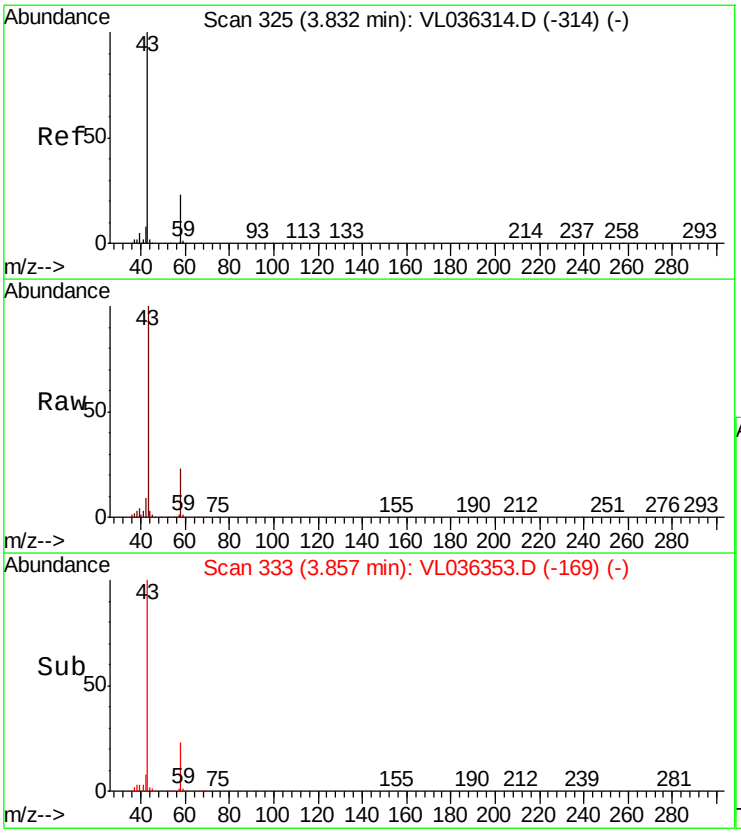
#13
Ethanol
Concen: 32.809 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :
NS-12

Tgt Ion: 45 Resp: 465710

Ion	Ratio	Lower	Upper
45	100		
46	37.9	17.7	70.7

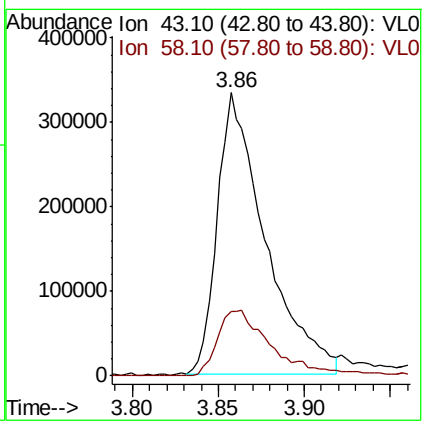


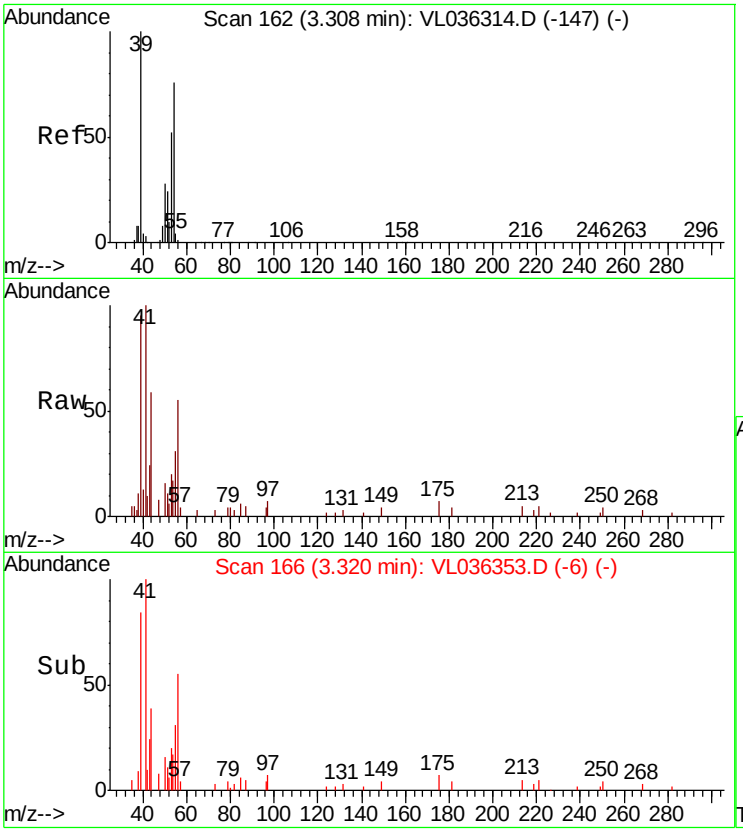


#15
Acetone
Concen: 3.260 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 43 Resp: 649995

Ion	Ratio	Lower	Upper
43	100		
58	26.7	20.3	30.5



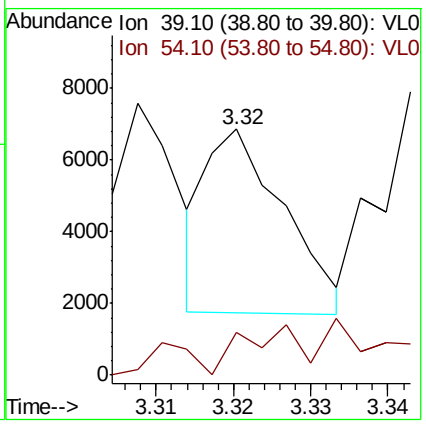


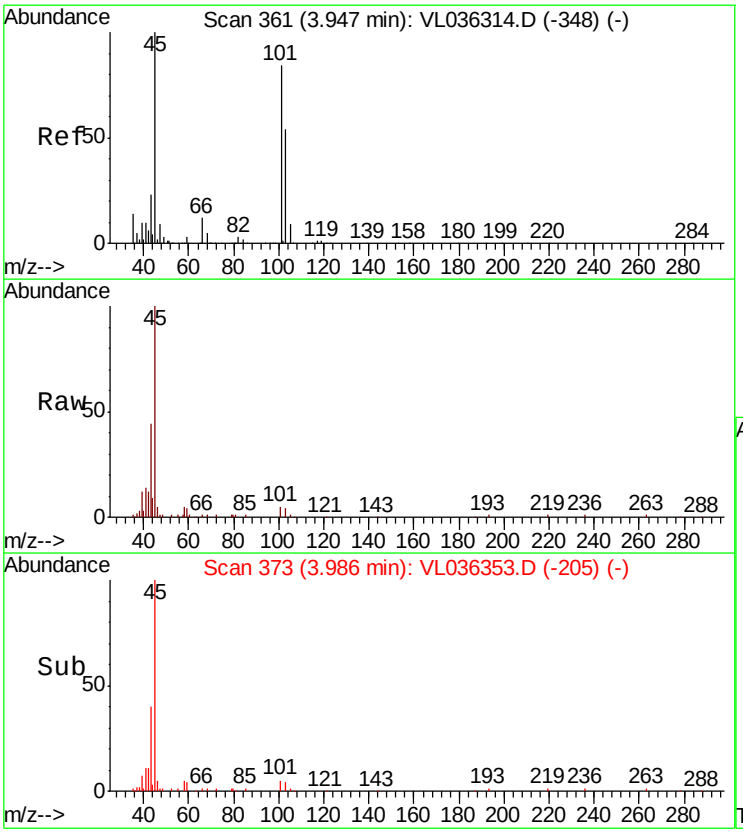
#16
1,3-Butadiene
Concen: 0.037 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.01 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :
NS-12

Tgt Ion: 39 Resp: 3563

Ion	Ratio	Lower	Upper
39	100		
54	79.4	64.4	96.6

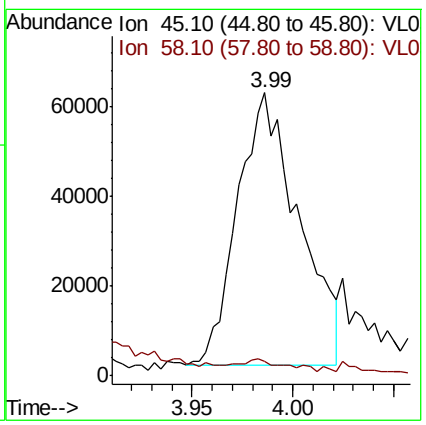


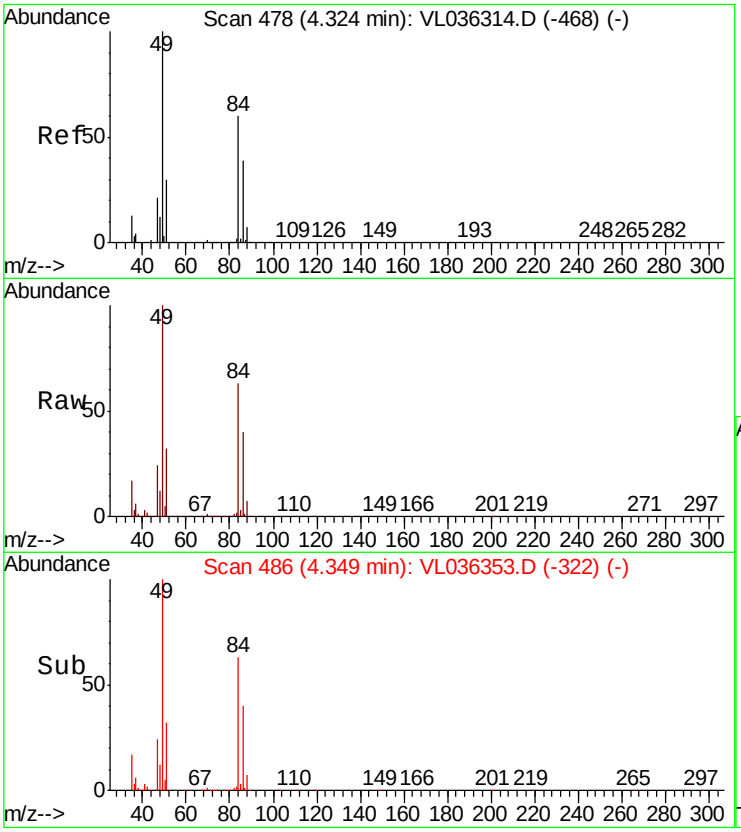


#19
Isopropyl Alcohol
Concen: 1.169 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.04 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 45 Resp: 129117

Ion	Ratio	Lower	Upper
45	100		
58	6.7	1.9	2.9#



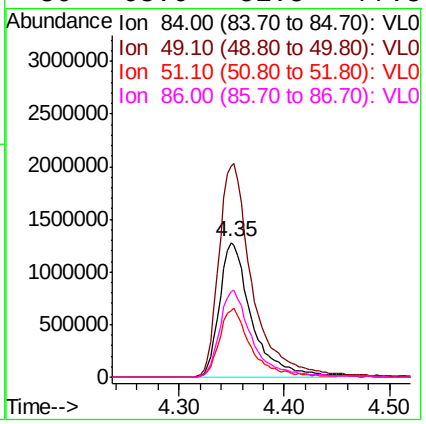


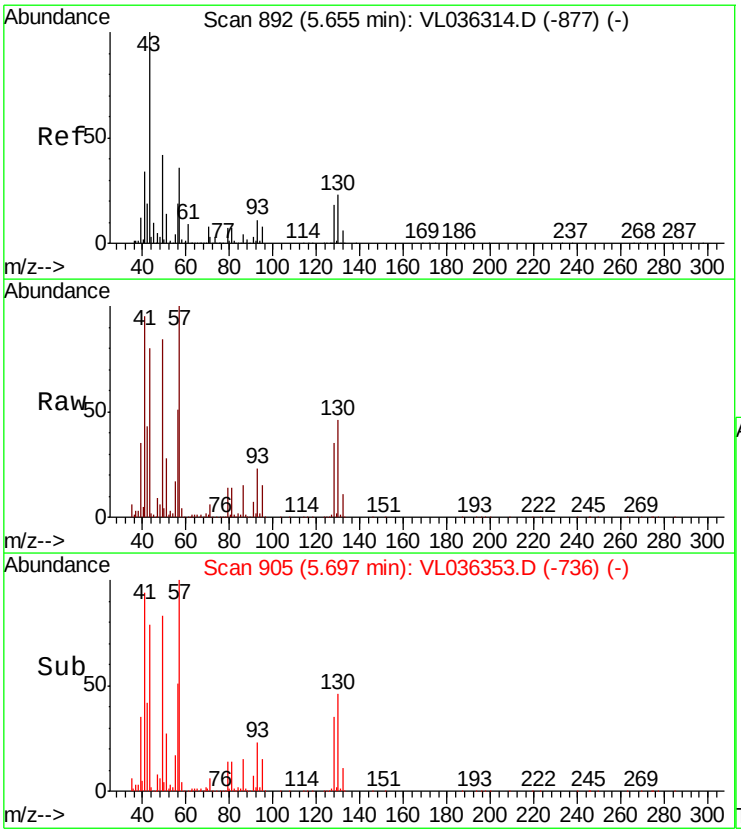
#20
Methylene Chloride
Concen: 42.077 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument : MSVOA_L
ClientSampleId : NS-12

Tgt Ion: 84 Resp: 2706978

Ion	Ratio	Lower	Upper
84	100		
49	157.6	133.8	200.8
51	49.8	41.4	62.0
86	63.6	51.5	77.3

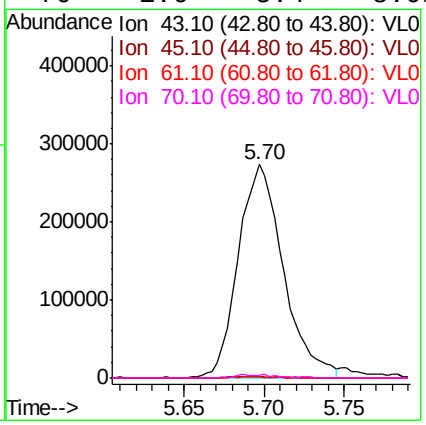


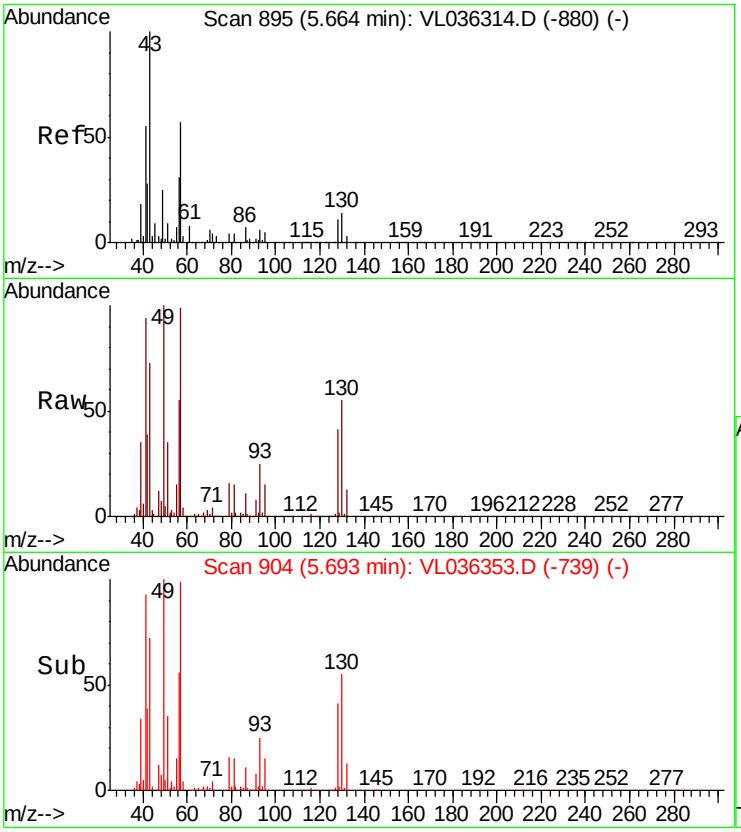


#25
Ethyl Acetate
Concen: 1.370 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.04 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 43 Resp: 527215

Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.3	12.5#
61	0.5	7.3	10.9#
70	1.6	5.4	8.0#



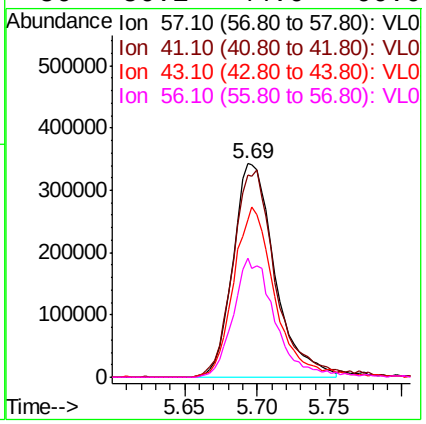


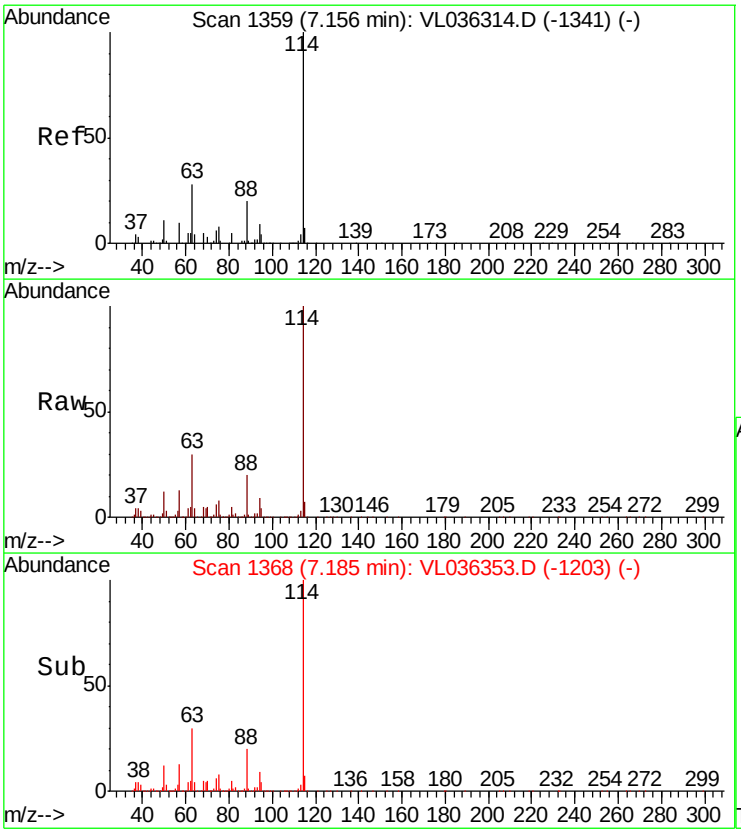
#26
Hexane
Concen: 4.356 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument : MSVOA_L
ClientSampleId : NS-12

Tgt Ion: 57 Resp: 689069

Ion	Ratio	Lower	Upper
57	100		
41	100.2	81.7	122.5
43	78.6	199.1	298.7#
56	56.1	44.0	66.0

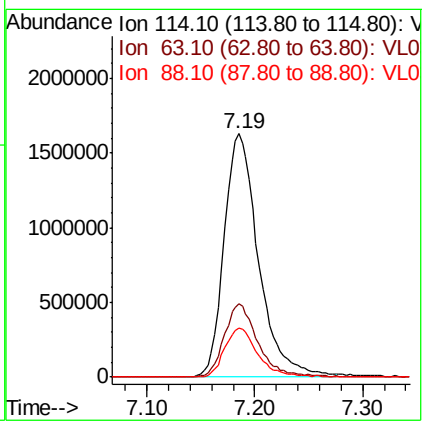


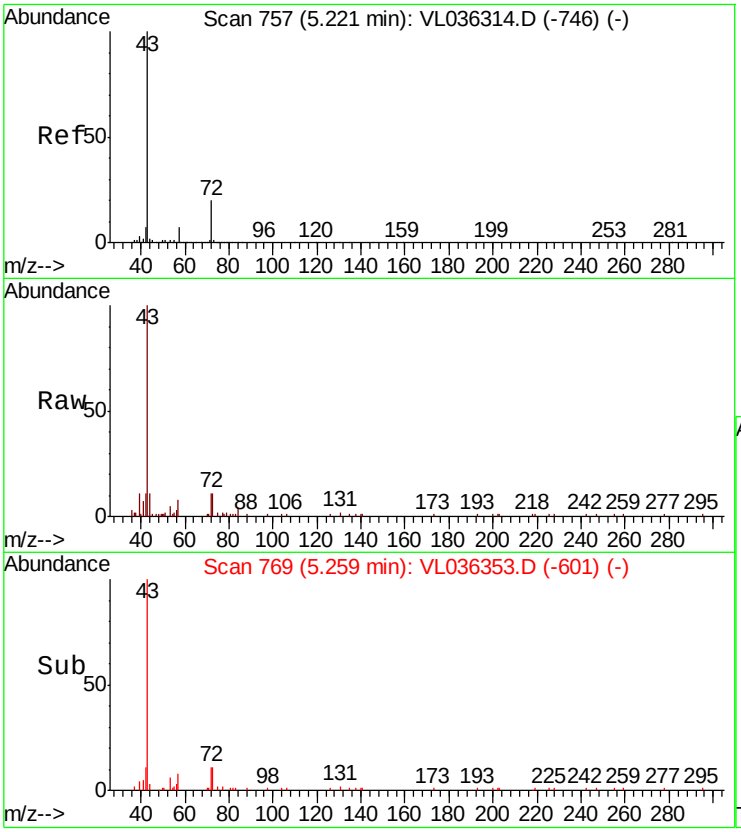


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion:114 Resp: 3625241

Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.1	36.1
88	19.6	16.0	24.0



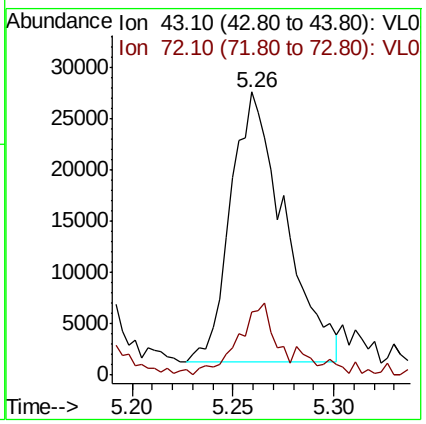


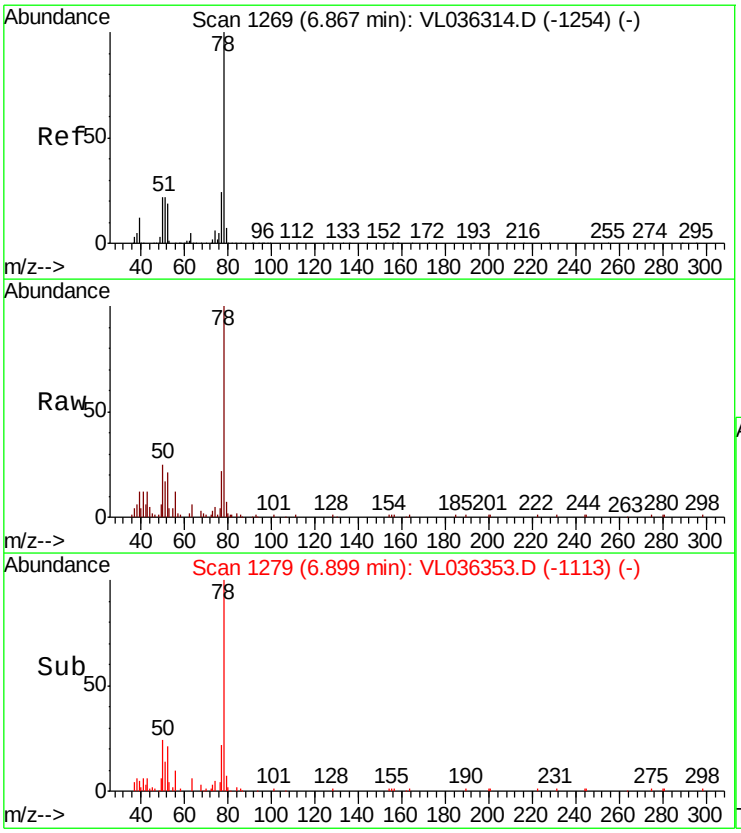
#34
2-Butanone
Concen: 0.204 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.04 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument : MSVOA_L
ClientSampleId : NS-12

Tgt Ion: 43 Resp: 49152

Ion	Ratio	Lower	Upper
43	100		
72	23.0	16.7	25.1

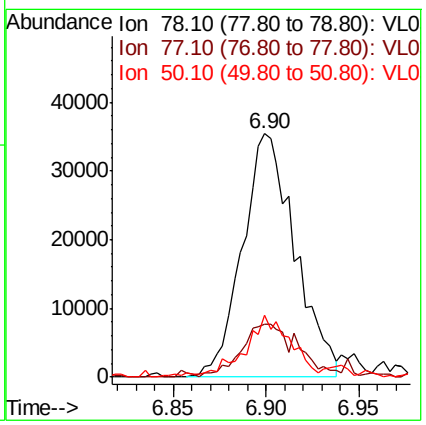


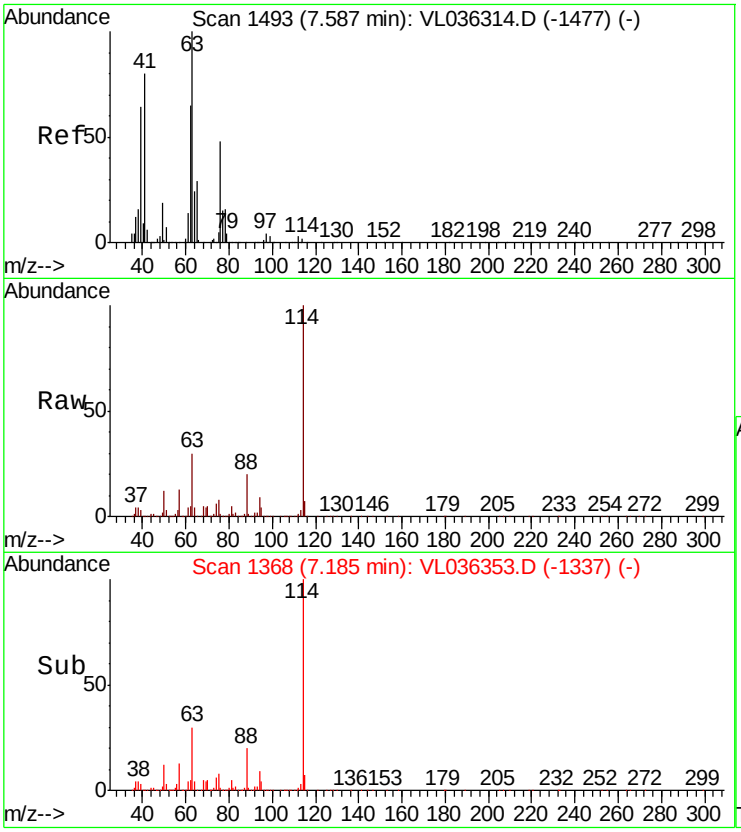


#36
Benzene
Concen: 0.228 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.03 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 78 Resp: 70064

Ion	Ratio	Lower	Upper
78	100		
77	20.1	18.9	28.3
50	23.6	17.3	25.9



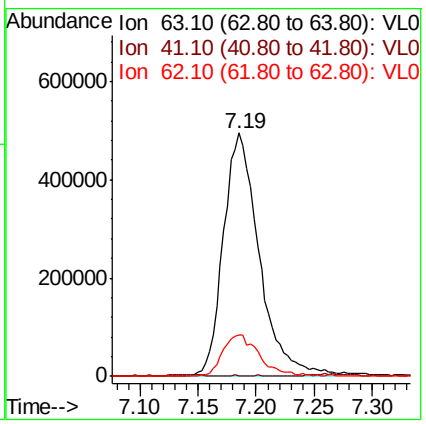


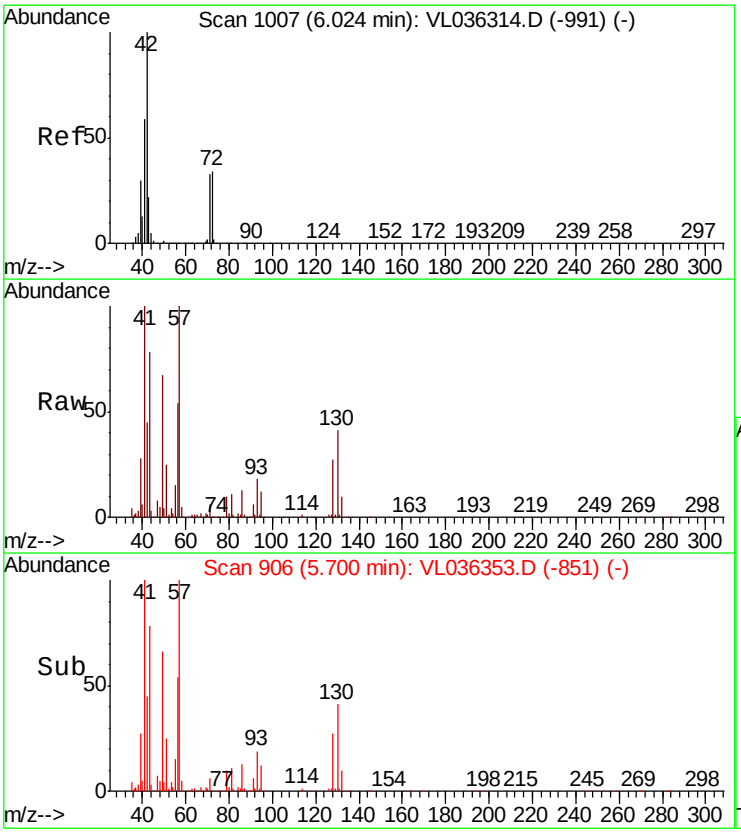
#39
1,2-Dichloropropane
Concen: 8.434 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.40 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument : MSVOA_L
ClientSampleId : NS-12

Tgt Ion: 63 Resp: 1055068

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.8	95.6#
62	17.2	52.3	78.5#

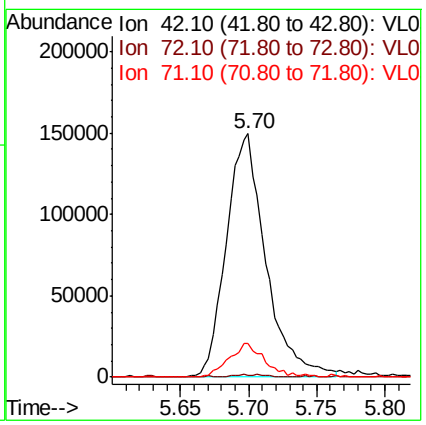


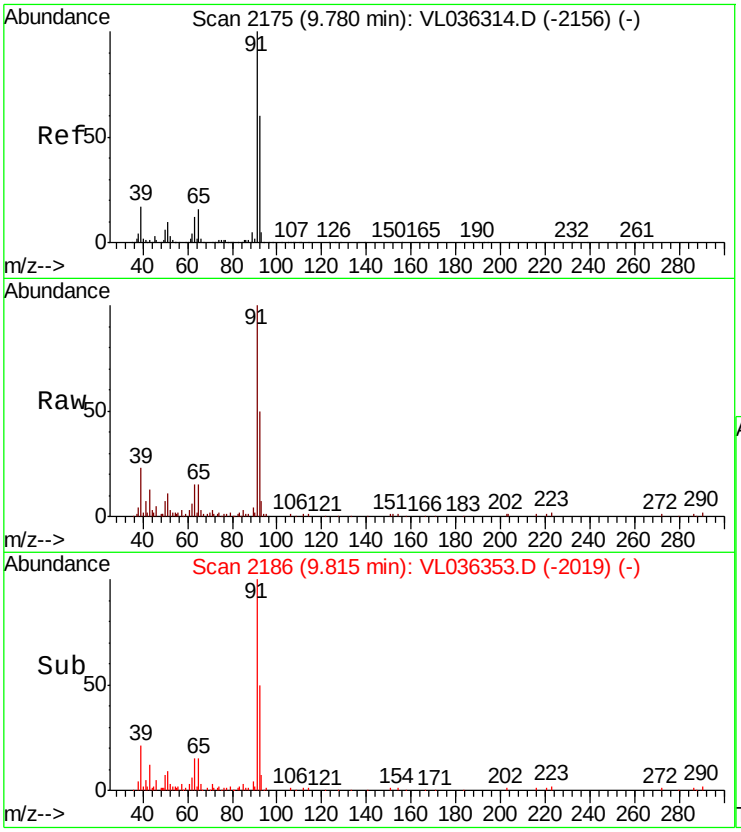


#41
Tetrahydrofuran
Concen: 2.236 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.32 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion: 42 Resp: 300617

Ion	Ratio	Lower	Upper
42	100		
72	0.9	29.3	43.9#
71	12.9	27.8	41.8#



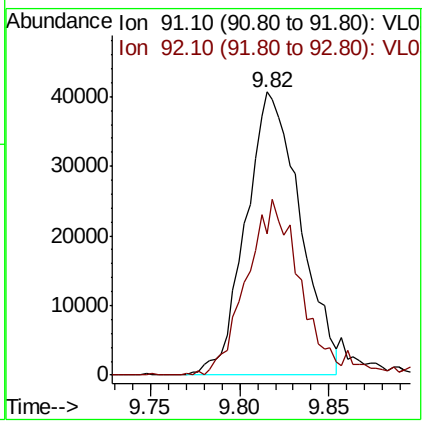


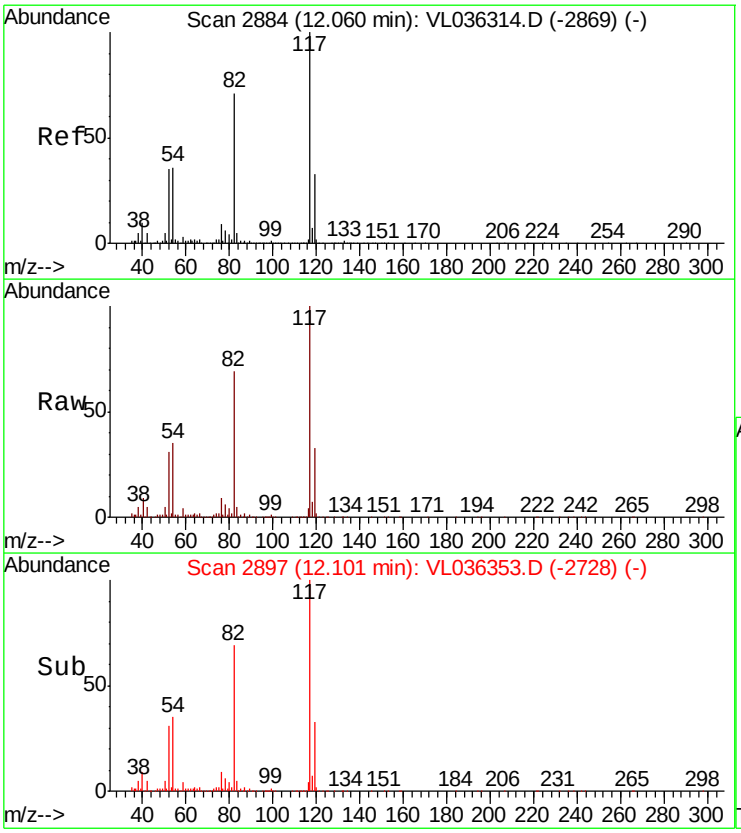
#53
Toluene
Concen: 0.260 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. 0.04 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :
NS-12

Tgt Ion: 91 Resp: 86761

Ion	Ratio	Lower	Upper
91	100		
92	64.5	48.6	72.8

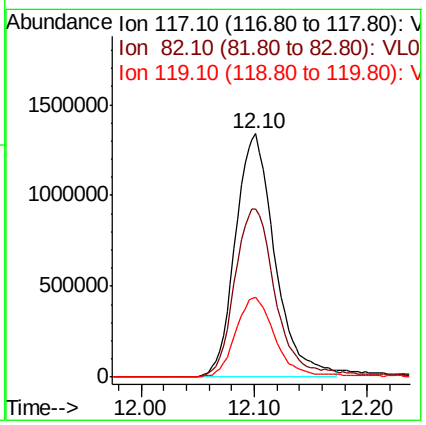


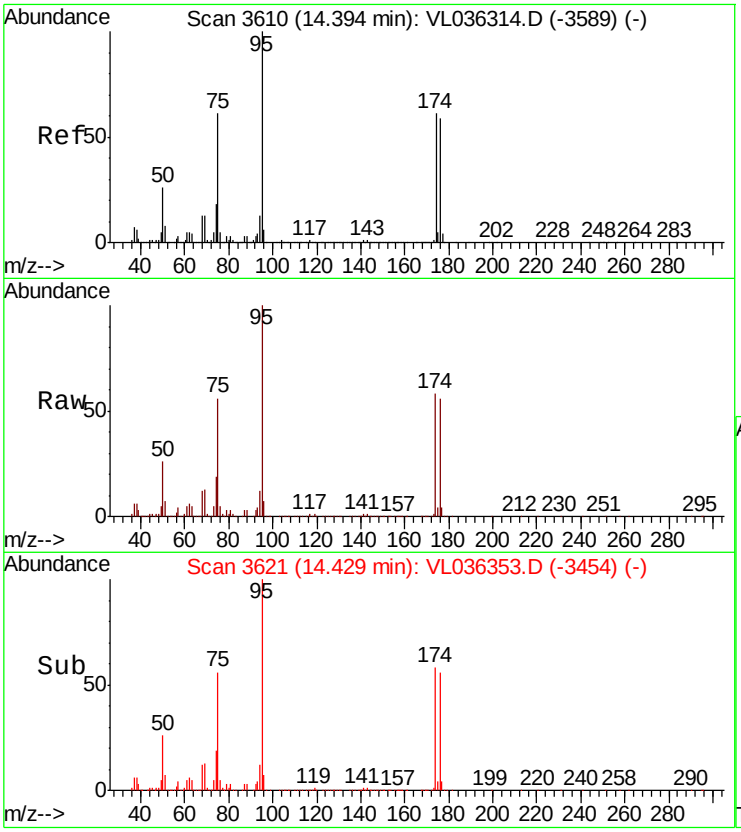


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.04 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Tgt Ion:117 Resp: 3247759

Ion	Ratio	Lower	Upper
117	100		
82	74.3	59.1	88.7
119	34.2	46.3	69.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.694 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.04 min
Lab File: VL036353.D
Acq: 24 Feb 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :
NS-12

Tgt Ion: 95 Resp: 2590504

Ion	Ratio	Lower	Upper
95	100		
174	64.9	49.8	74.6
175	4.7	3.7	5.5