Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036360.D
Acq On : 24 Feb 2021 21:20
Operator : SY/AP
Sample : M1463-06DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Quant Time: Feb 25 05:20:03 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	1689122	10.00	ppbv		0.04
33) 1,4-Difluorobenzene	7.19	114	3956831	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	3531972	10.00	ppbv		0.05
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2845242	9.79	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	10623	0.051	ppbv		100
4) Chloromethane	3.15	50	4388	0.043	ppbv		96
9) Propene	3.02	41	14621	0.187	ppbv	#	15
10) Heptane	8.15	43	9778	0.042	ppbv	#	28
13) Ethanol	3.62	45	94027	6.398	ppbv		82
15) Acetone	3.87	43	91321	0.442	ppbv	#	32
19) Isopropyl Alcohol	3.98	45	4174	0.036	ppbv	#	1
20) Methylene Chloride	4.36	84	319993	4.804	ppbv		93
23) Vinyl Acetate	5.07	43	32452	0.134	ppbv	#	1
25) Ethyl Acetate	5.70	43	103264	0.259	ppbv	#	78
26) Hexane	5.70	57	131756	0.804	ppbv	#	39
30) Cyclohexane	7.14	84	5626	0.041	ppbv	#	1
36) Benzene	6.90	78	14584	0.043	ppbv	#	90
39) 1,2-Dichloropropane	7.19	63	1127821	8.260	ppbv	#	22
44) 2,2,4-Trimethylpentane	7.88	57	156244	0.256	ppbv	#	84
53) Toluene	9.82	91	124668	0.342	ppbv	#	38
60) o-Xylene	13.72	91	16603	0.041	ppbv	#	32

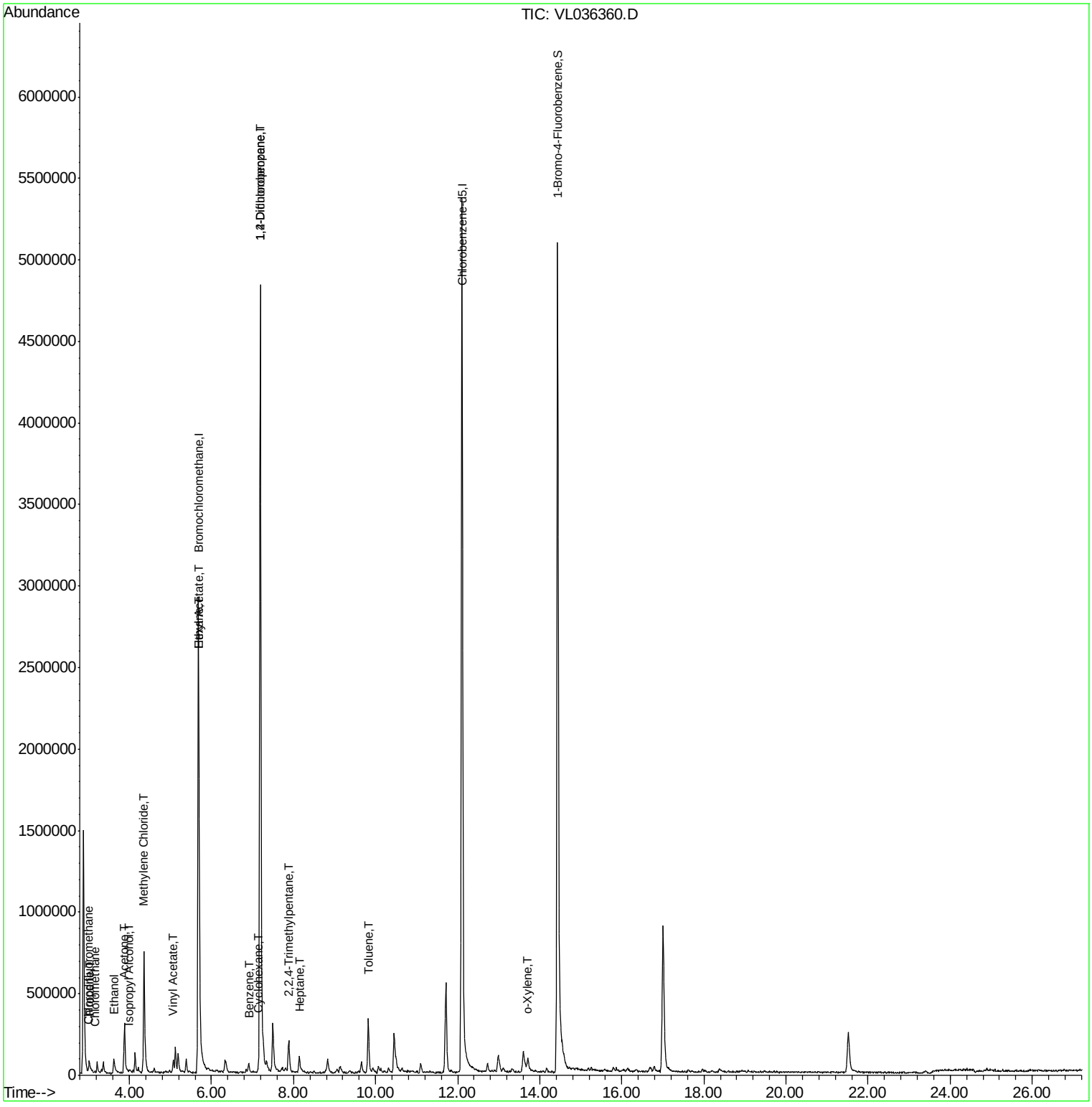
(#) = qualifier out of range (m) = manual integration (+) = signals summed

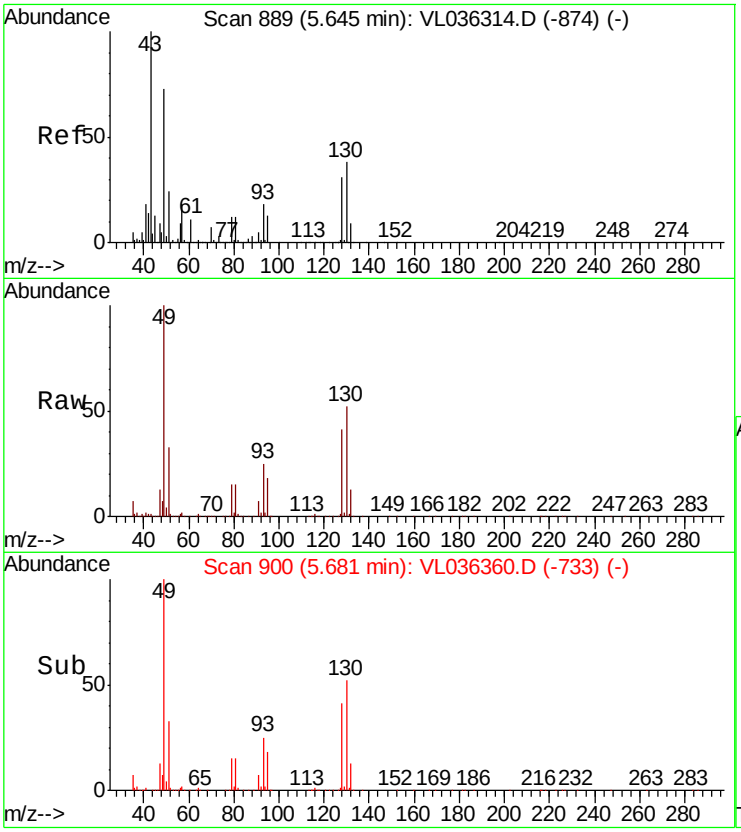
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036360.D
Acq On : 24 Feb 2021 21:20
Operator : SY/AP
Sample : M1463-06DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Quant Time: Feb 25 05:20:03 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



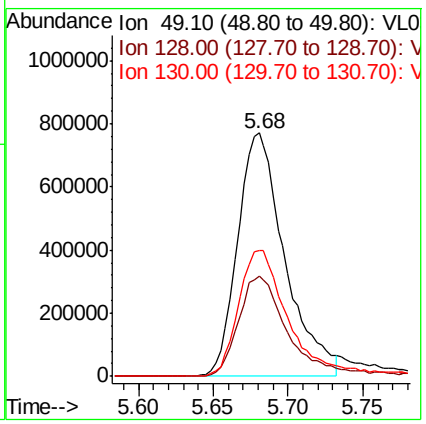


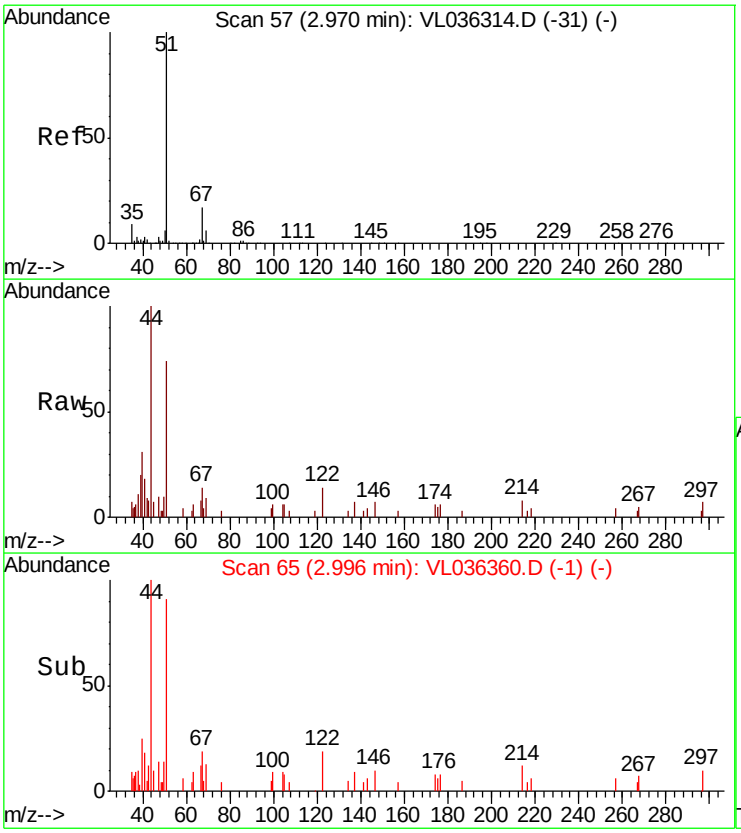
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 49 Resp: 1689122

Ion	Ratio	Lower	Upper
49	100		
128	44.7	20.8	62.5
130	56.7	26.7	80.1

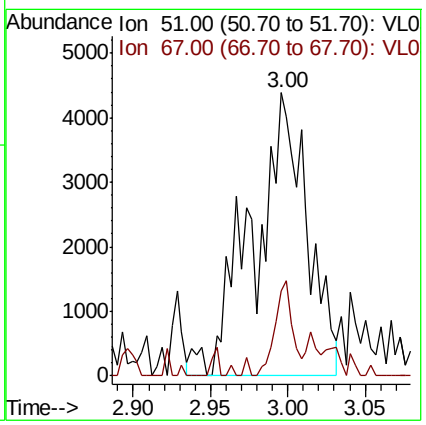


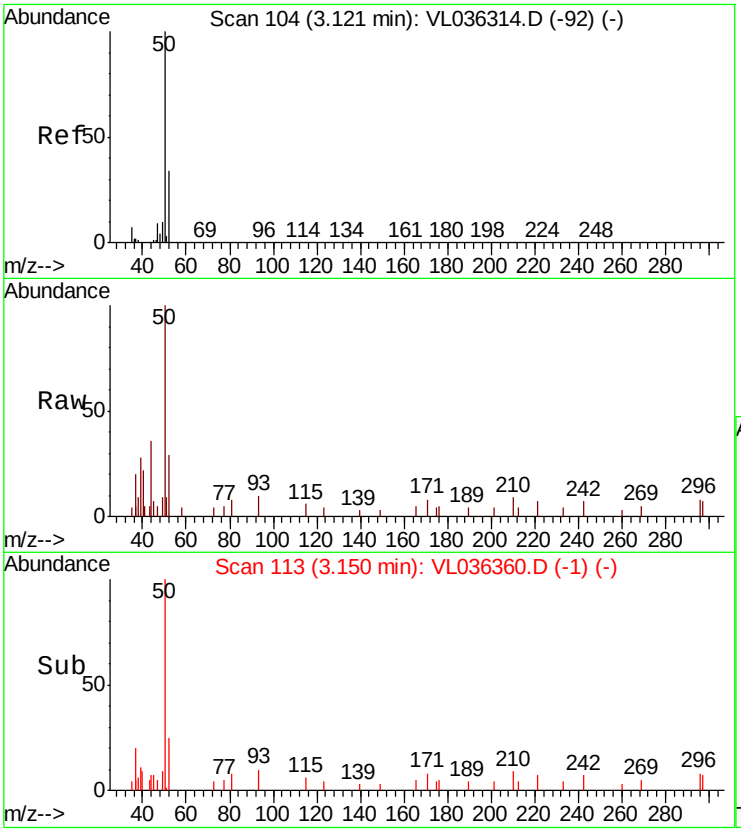


#3
Chlorodifluoromethane
Concen: 0.051 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 51 Resp: 10623

Ion	Ratio	Lower	Upper
51	100		
67	18.4	14.7	22.1



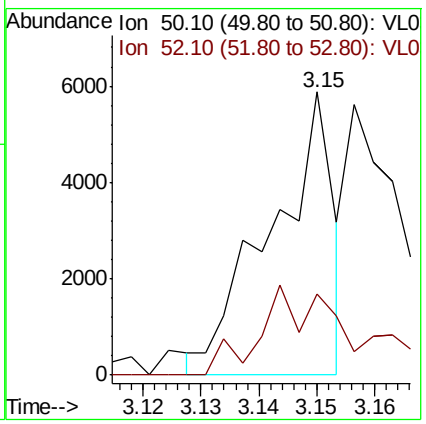


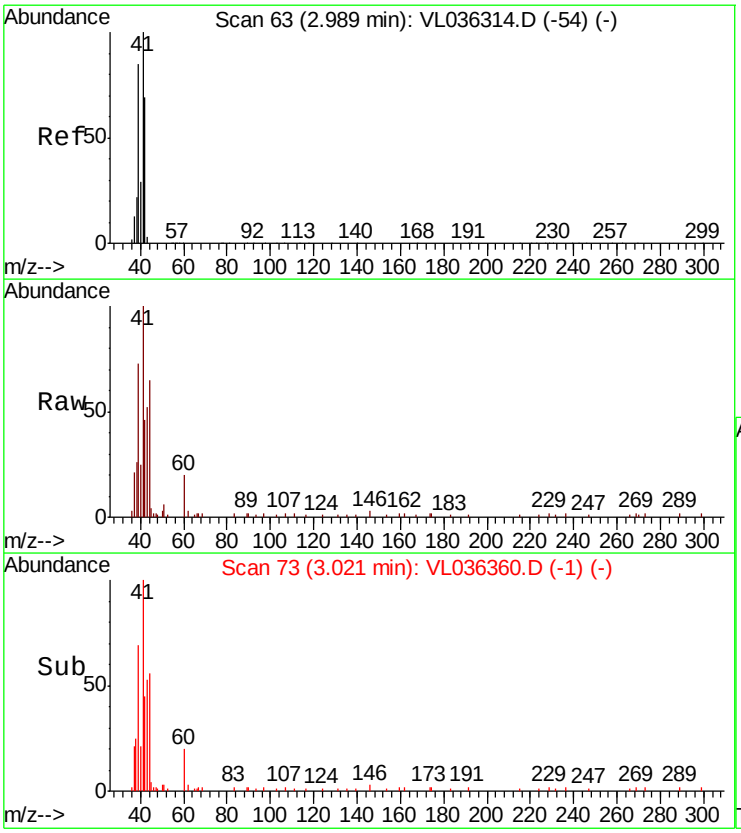
#4
Chloromethane
Concen: 0.043 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 50 Resp: 4388

Ion	Ratio	Lower	Upper
50	100		
52	31.3	27.0	40.4

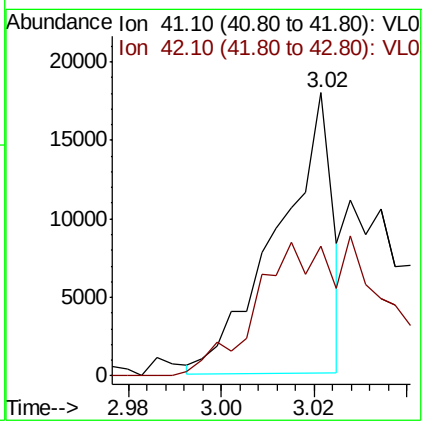


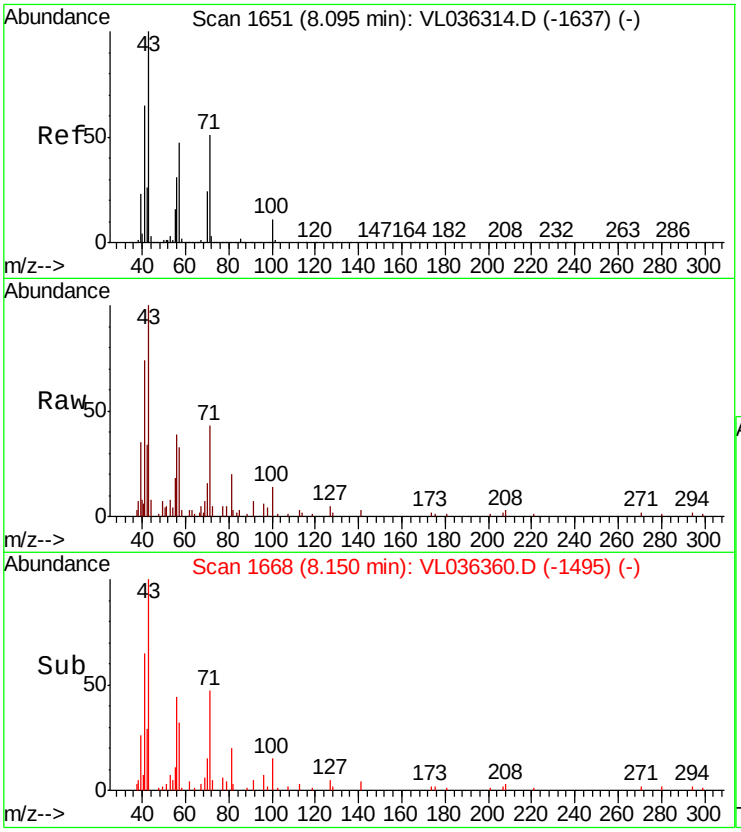


#9
Propene
Concen: 0.187 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 41 Resp: 14621

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.2	84.2#



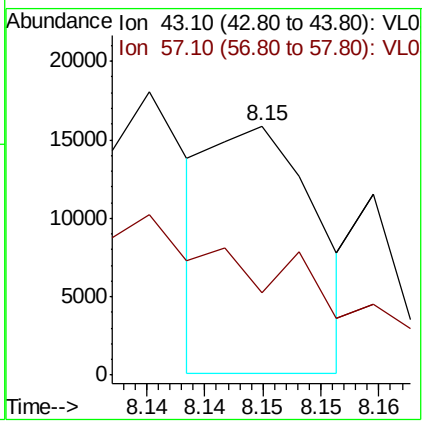


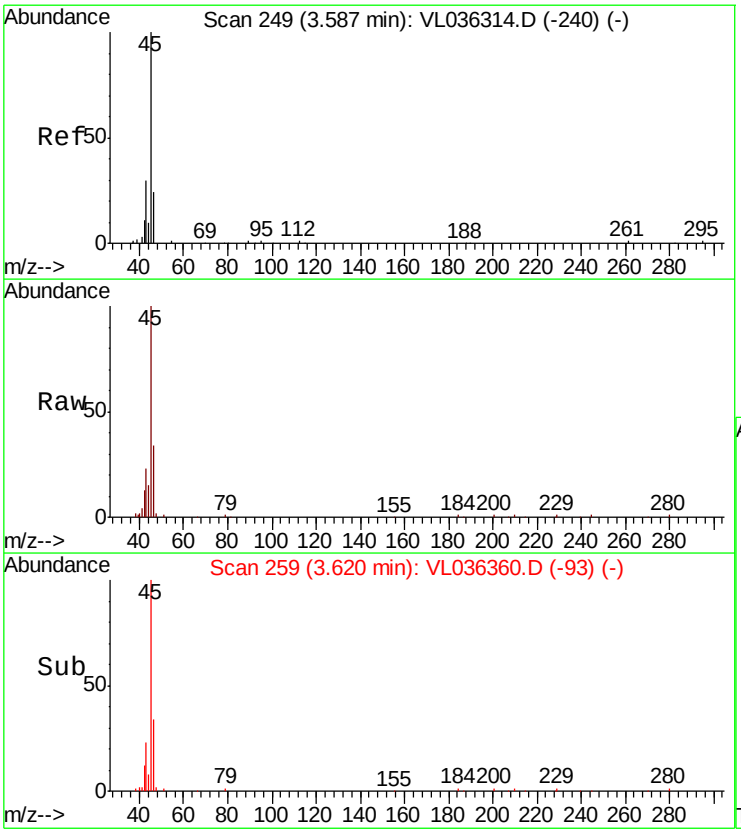
#10
Heptane
Concen: 0.042 ppbv
RT: 8.15 min Scan# 1668
Delta R.T. 0.05 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 43 Resp: 9778

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.4	59.2#

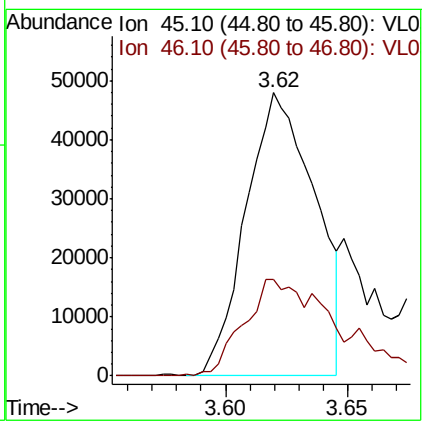


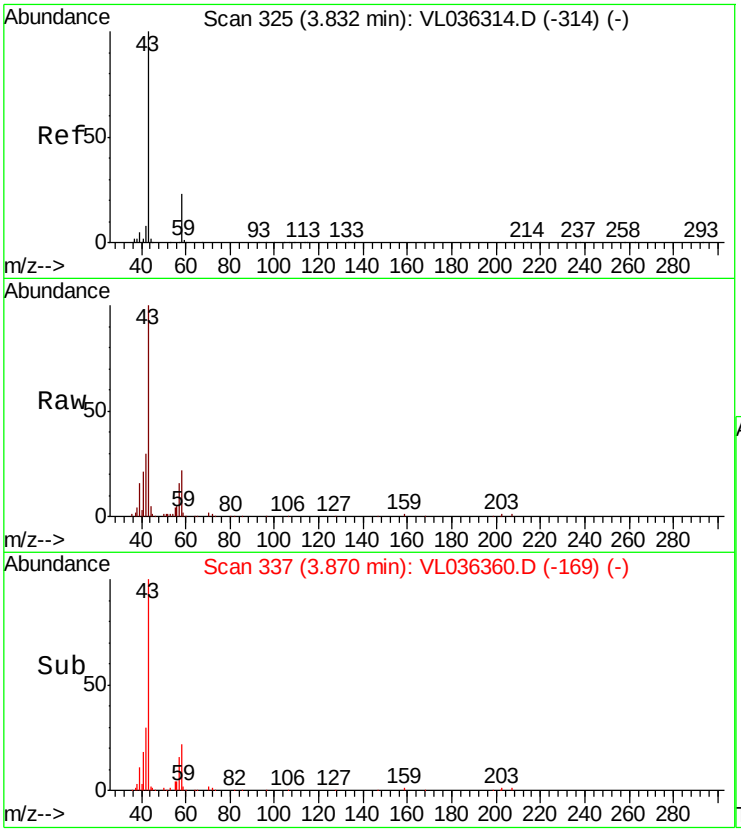


#13
Ethanol
Concen: 6.398 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 45 Resp: 94027

Ion	Ratio	Lower	Upper
45	100		
46	56.0	17.7	70.7



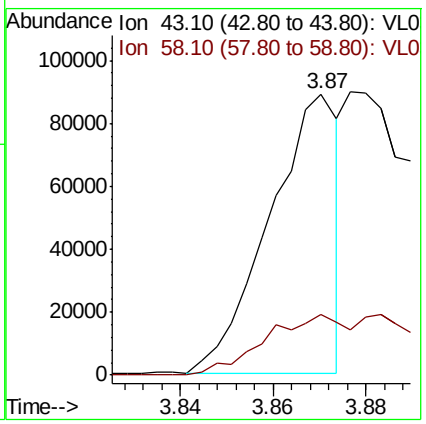


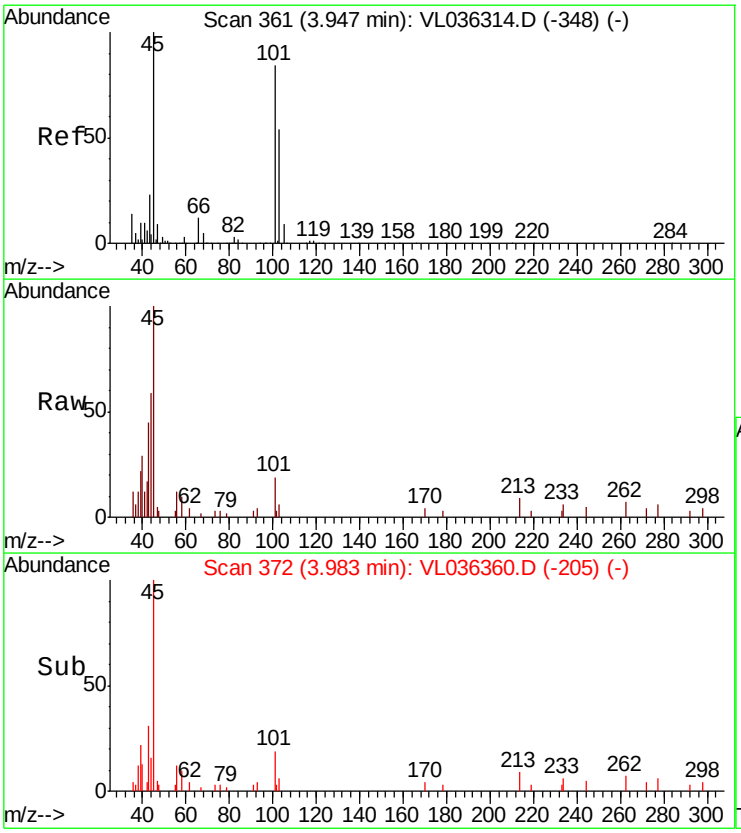
#15
Acetone
Concen: 0.442 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 43 Resp: 91321

Ion	Ratio	Lower	Upper
43	100		
58	59.6	20.3	30.5#

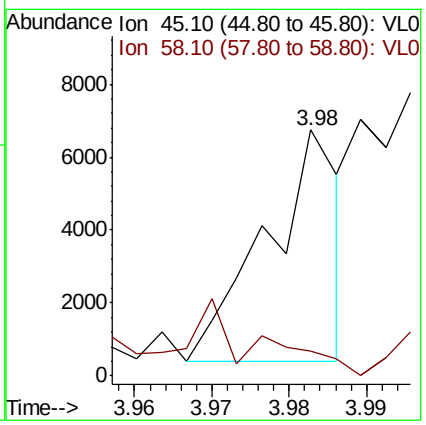


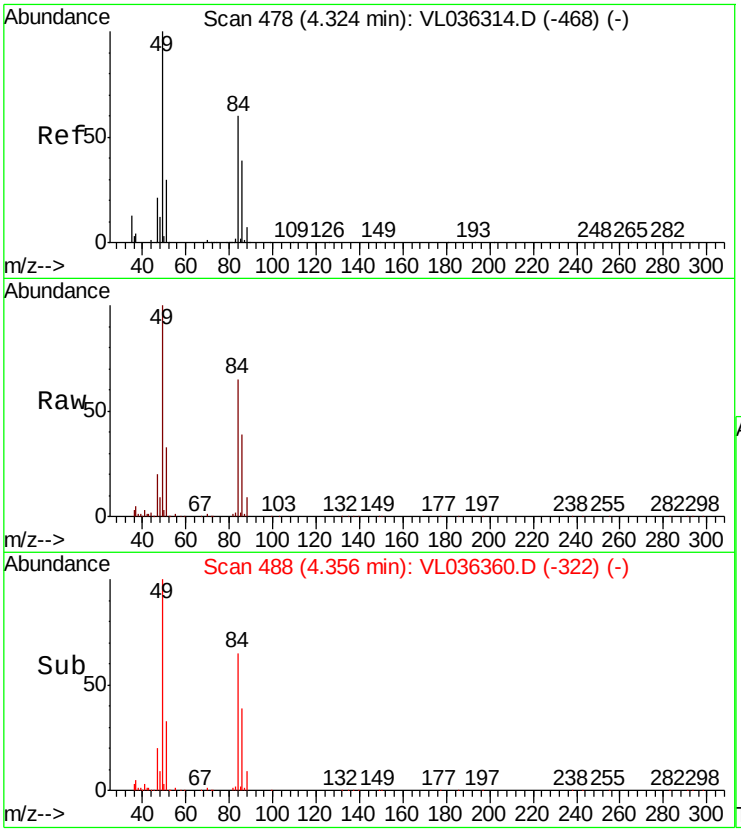


#19
Isopropyl Alcohol
Concen: 0.036 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 45 Resp: 4174

Ion	Ratio	Lower	Upper
45	100		
58	74.9	1.9	2.9#



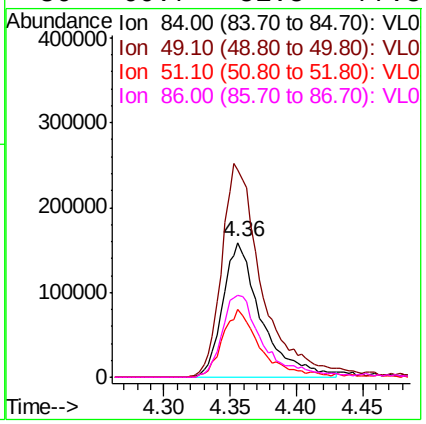


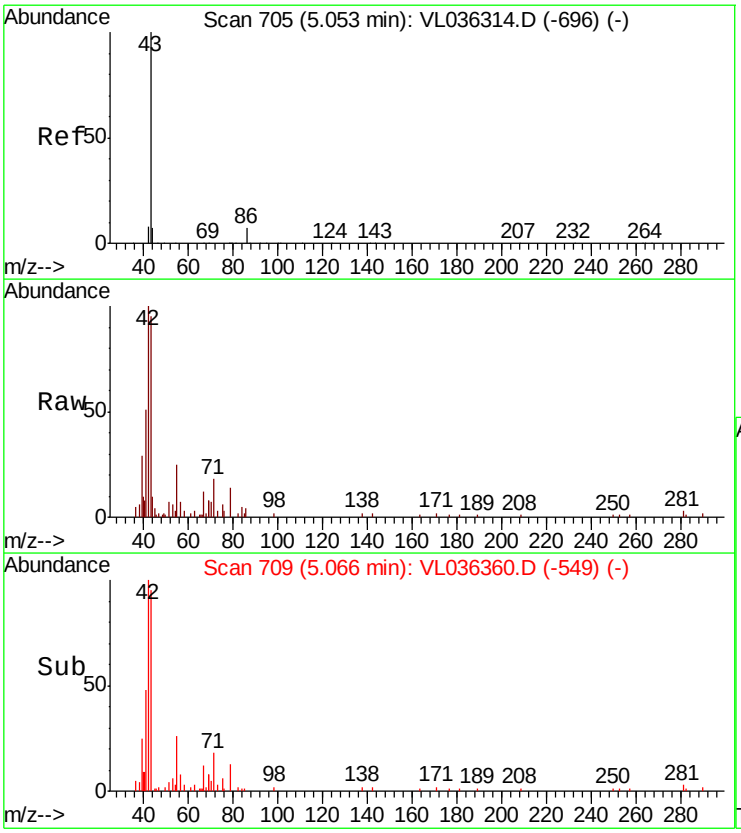
#20
Methylene Chloride
Concen: 4.804 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 84 Resp: 319993

Ion	Ratio	Lower	Upper
84	100		
49	154.4	133.8	200.8
51	50.0	41.4	62.0
86	60.7	51.5	77.3

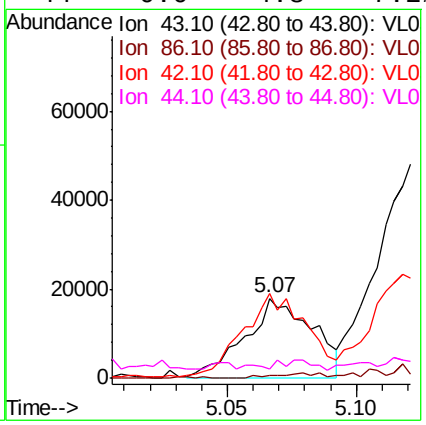


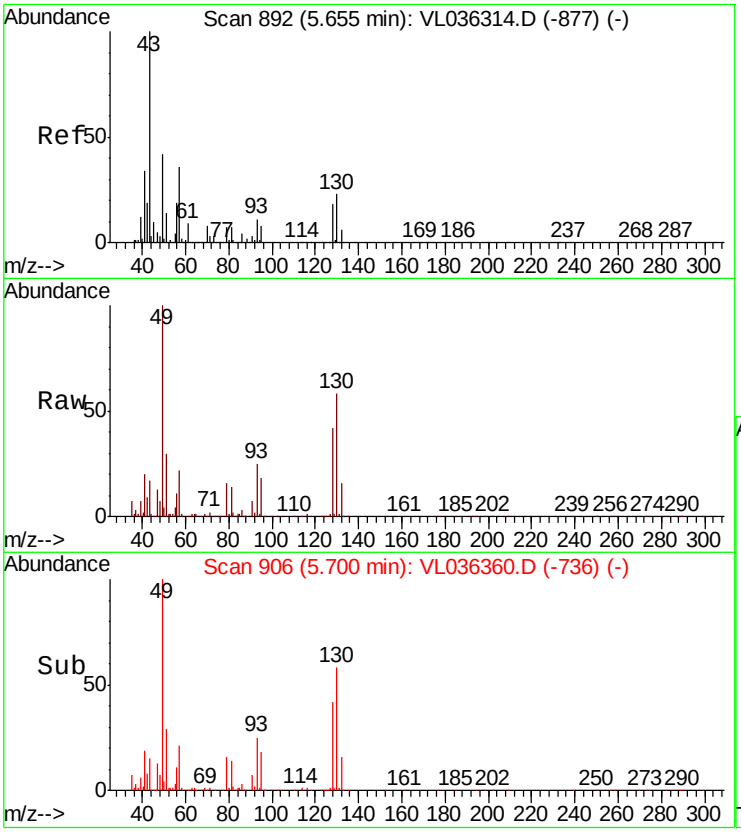


#23
Vinyl Acetate
Concen: 0.134 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.01 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 43 Resp: 32452

Ion	Ratio	Lower	Upper
43	100		
86	2.4	4.8	7.2#
42	104.4	7.4	11.0#
44	0.0	4.8	7.2#



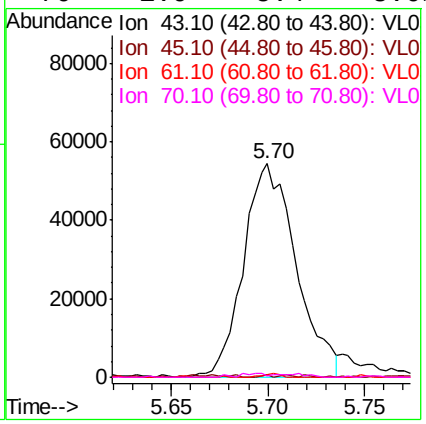


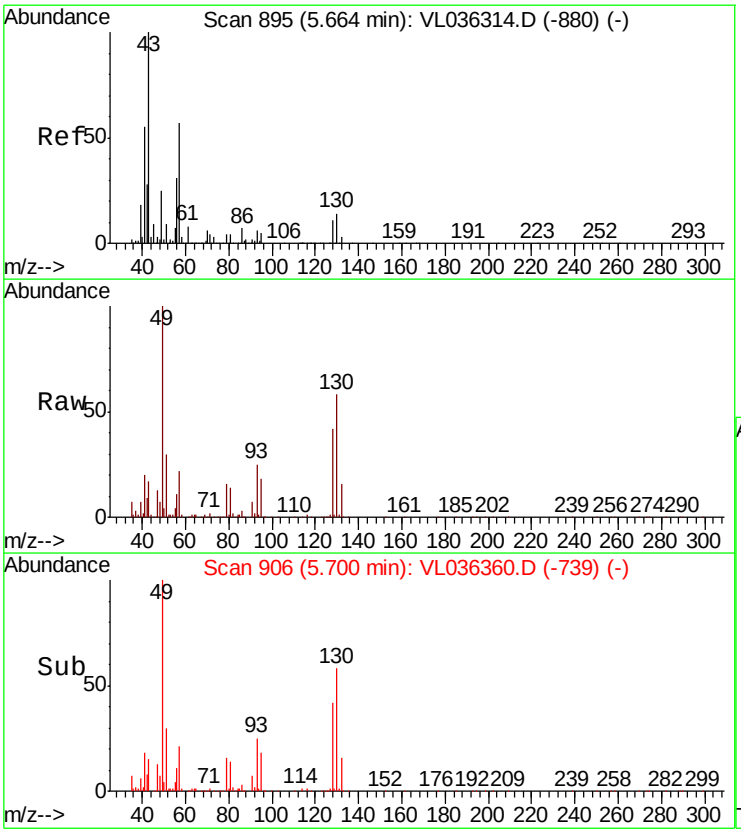
#25
Ethyl Acetate
Concen: 0.259 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.05 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 43 Resp: 103264

Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.3	12.5#
61	0.7	7.3	10.9#
70	1.9	5.4	8.0#

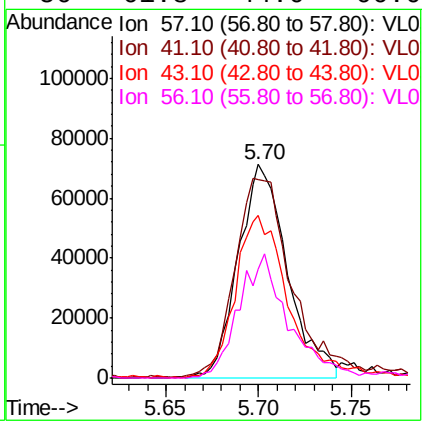


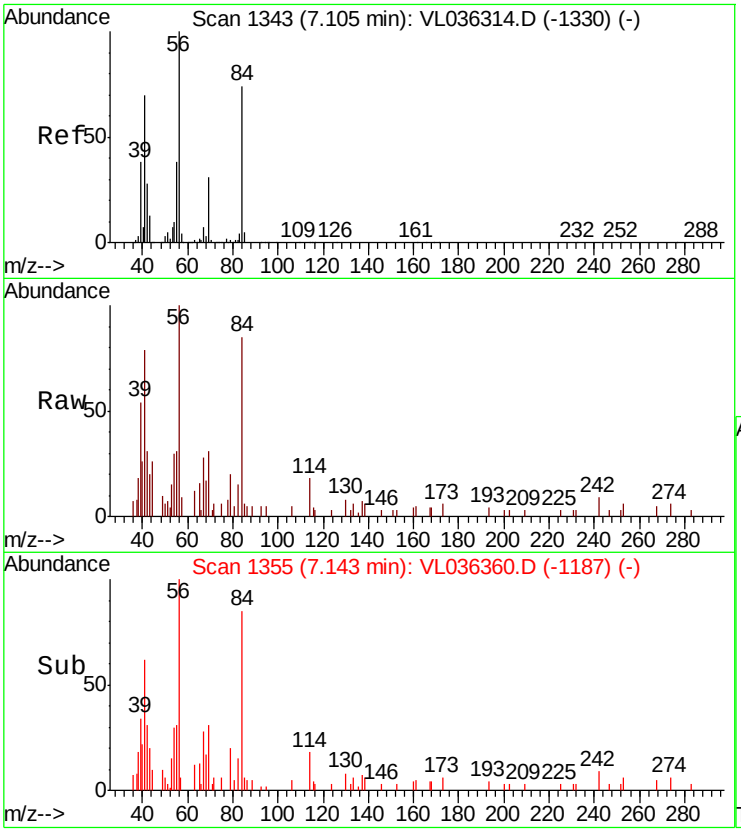


#26
Hexane
Concen: 0.804 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 57 Resp: 131756

Ion	Ratio	Lower	Upper
57	100		
41	111.1	81.7	122.5
43	84.8	199.1	298.7#
56	61.8	44.0	66.0



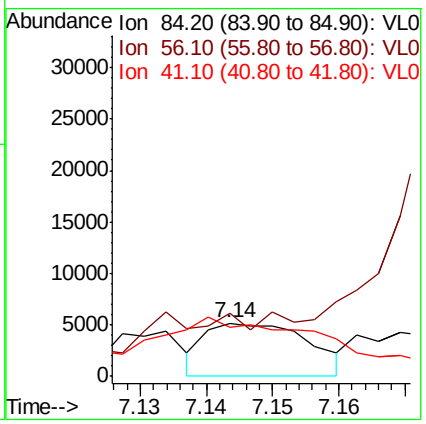


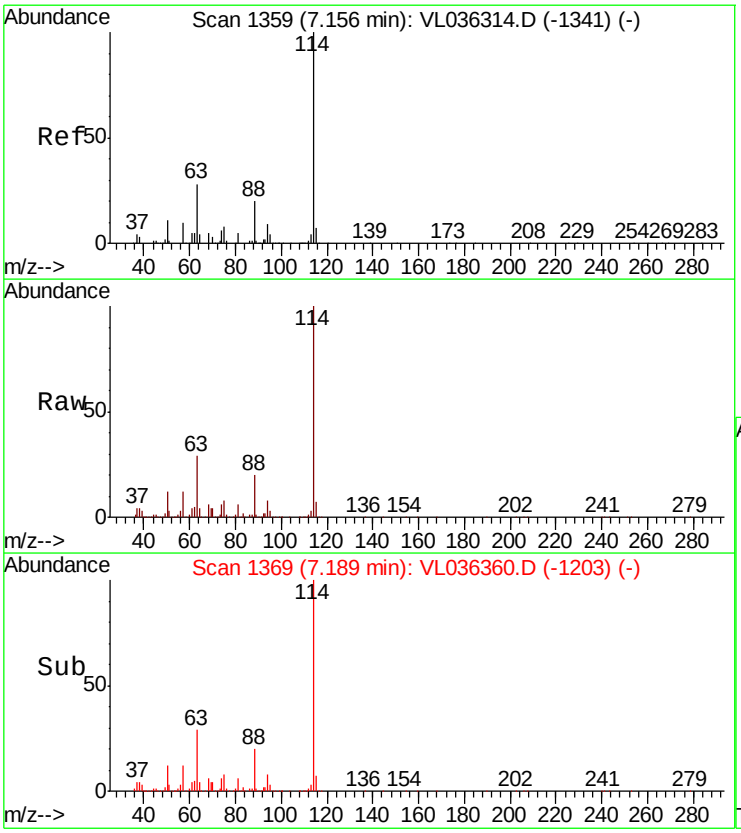
#30
Cyclohexane
Concen: 0.041 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 84 Resp: 5626

Ion	Ratio	Lower	Upper
84	100		
56	0.0	120.2	180.4#
41	219.4	79.7	119.5#

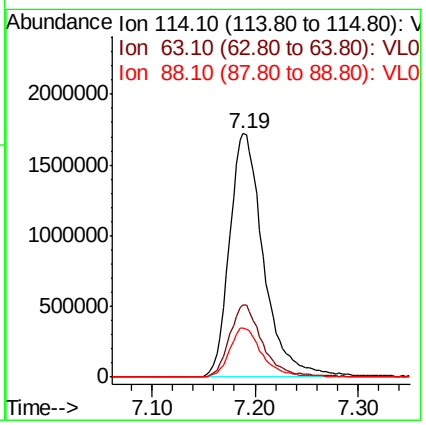


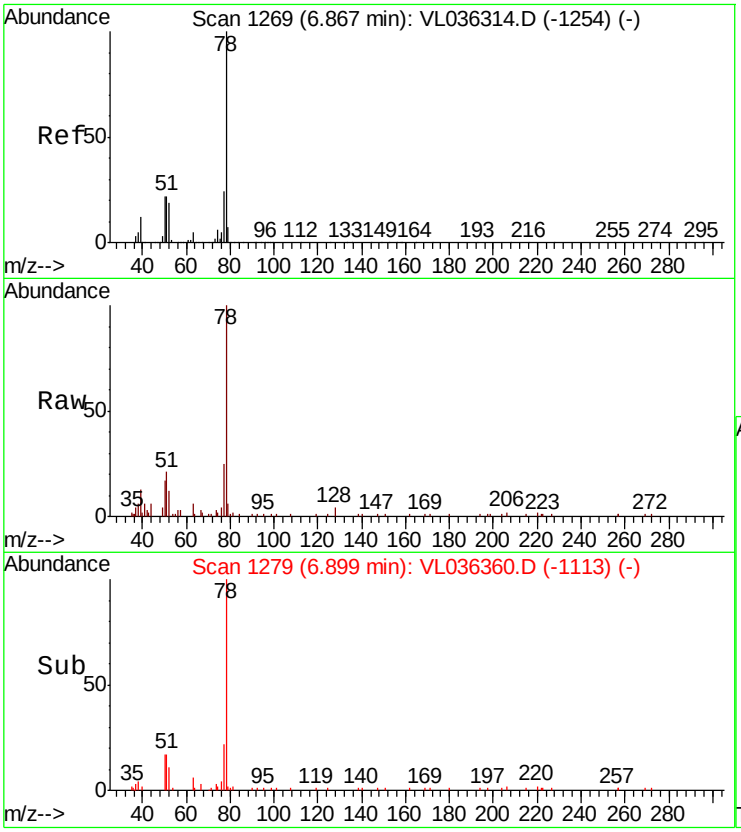


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion:114 Resp: 3956831

Ion	Ratio	Lower	Upper
114	100		
63	29.1	24.1	36.1
88	19.8	16.0	24.0



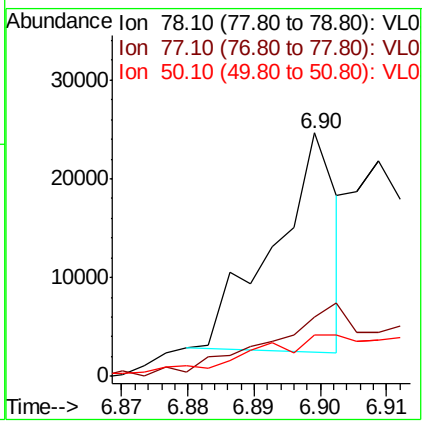


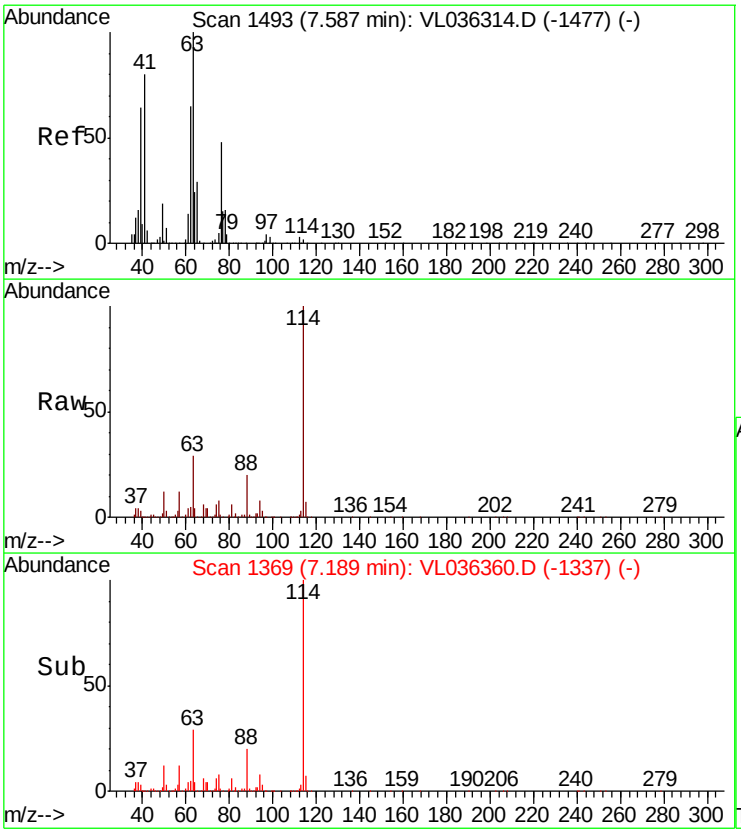
#36
Benzene
Concen: 0.043 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.03 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 78 Resp: 14584

Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.9	28.3
50	14.1	17.3	25.9#

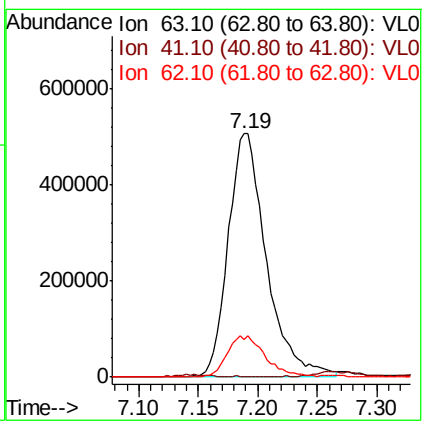


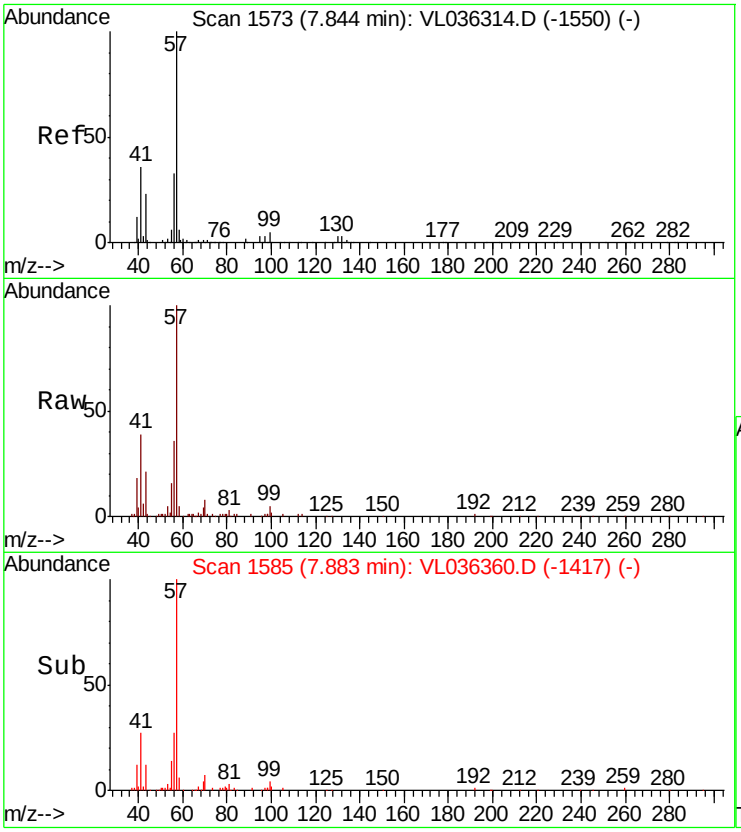


#39
1,2-Dichloropropane
Concen: 8.260 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.40 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 63 Resp: 1127821

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.8	95.6#
62	15.2	52.3	78.5#



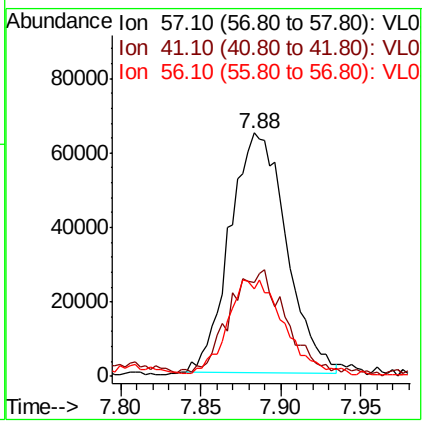


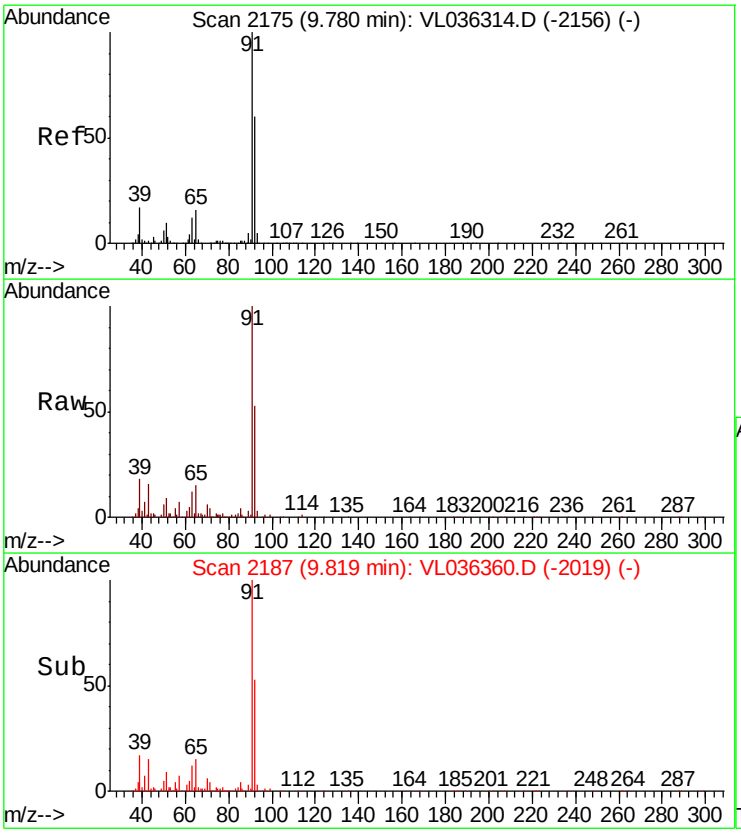
#44
2,2,4-Trimethylpentane
Concen: 0.256 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion: 57 Resp: 156244

Ion	Ratio	Lower	Upper
57	100		
41	45.3	28.8	43.2#
56	41.2	25.8	38.6#

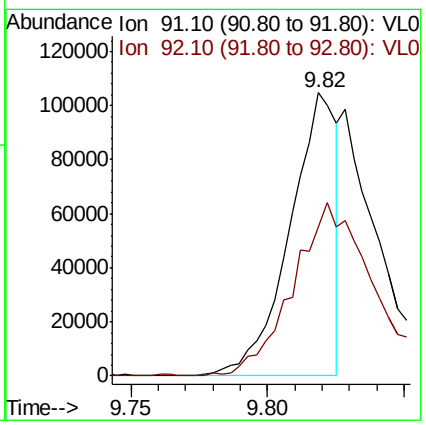


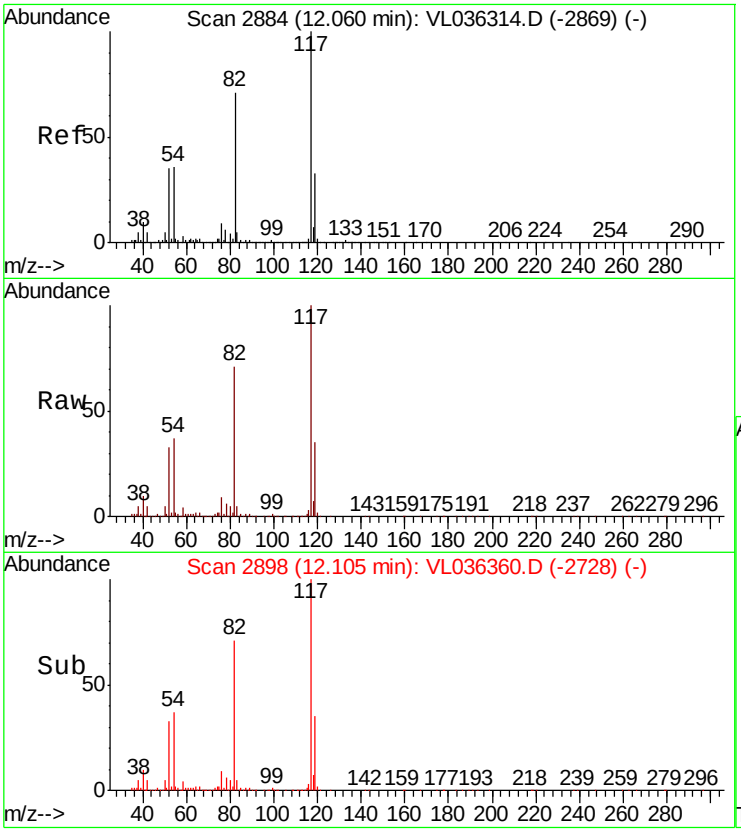


#53
Toluene
Concen: 0.342 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 91 Resp: 124668

Ion	Ratio	Lower	Upper
91	100		
92	108.2	48.6	72.8#



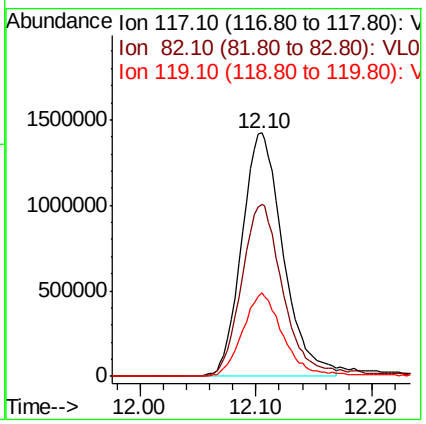


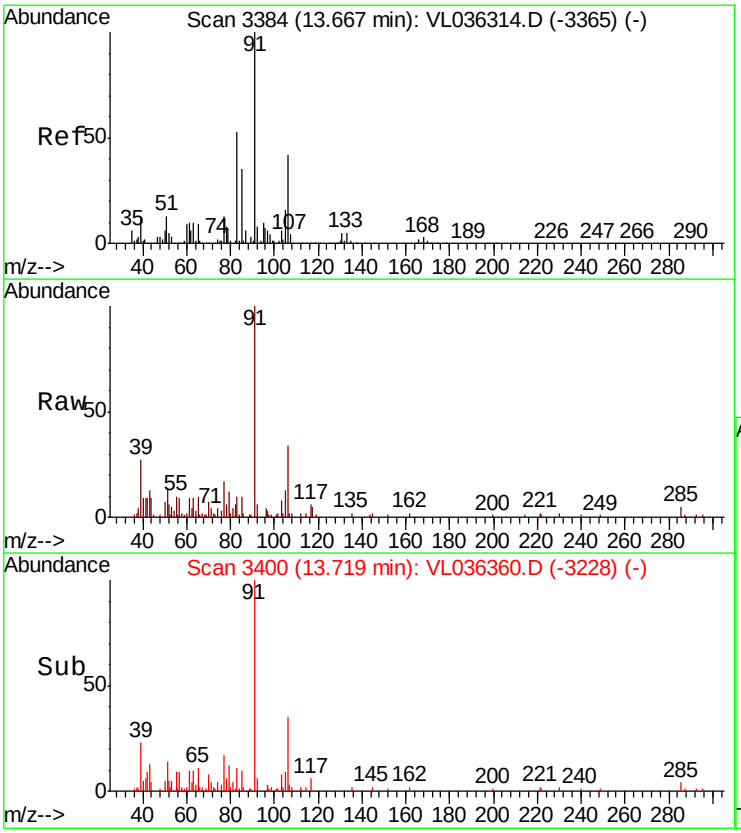
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.05 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument : MSVOA_L
ClientSampleId : NS-11DL

Tgt Ion:117 Resp: 3531972

Ion	Ratio	Lower	Upper
117	100		
82	72.7	59.1	88.7
119	34.1	46.3	69.5#

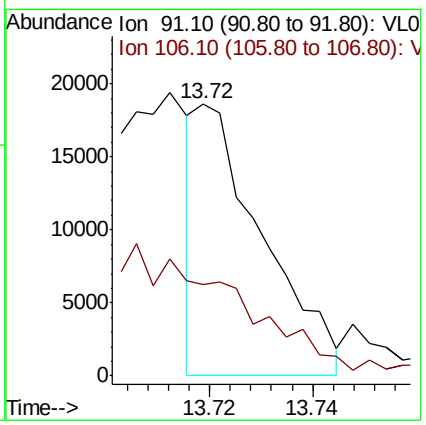


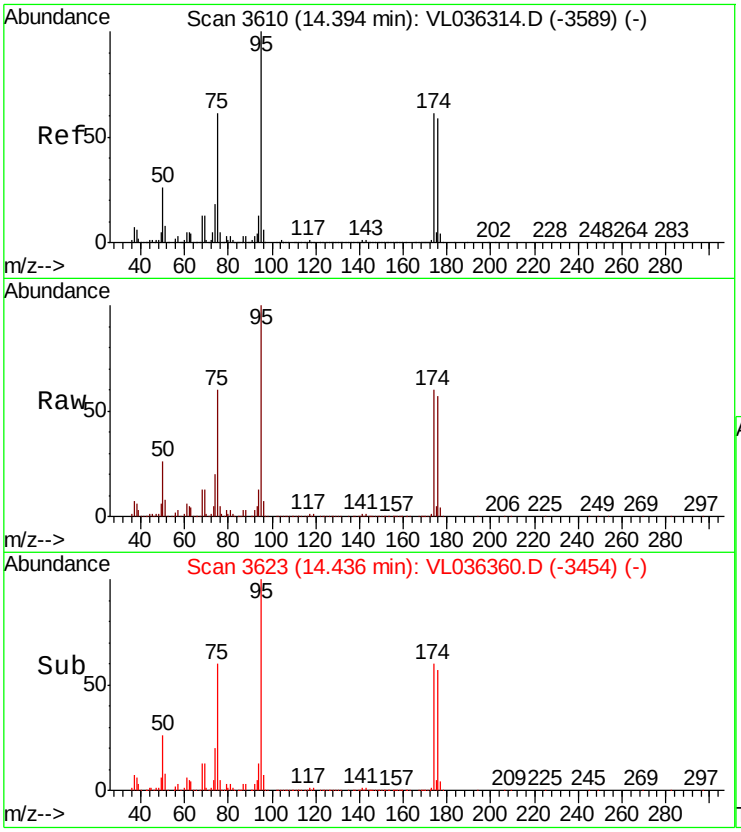


#60
o-Xylene
Concen: 0.041 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.05 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Tgt Ion: 91 Resp: 16603

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.0	66.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.791 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.04 min
Lab File: VL036360.D
Acq: 24 Feb 2021 21:20

Instrument :
MSVOA_L
ClientSampleId :
NS-11DL

Tgt Ion: 95 Resp: 2845242

Ion	Ratio	Lower	Upper
95	100		
174	65.4	49.8	74.6
175	4.8	3.7	5.5