Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036374.D
Acq On : 25 Feb 2021 6:45
Operator : SY/AP
Sample : M1463-12DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-4DL

Quant Time: Feb 25 07:57:39 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	5.66	49	1628121	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3451334	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	3177893	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2494119	9.54	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.40%			
Target Compounds						Qvalue
4) Chloromethane	3.14	50	3697	0.038	ppbv #	82
13) Ethanol	3.60	45	452857	31.966	ppbv	92
15) Acetone	3.85	43	234634	1.179	ppbv #	76
19) Isopropyl Alcohol	3.97	45	447397	4.058	ppbv #	98
20) Methylene Chloride	4.34	84	287626	4.480	ppbv	97
25) Ethyl Acetate	5.68	43	78599	0.205	ppbv #	83
26) Hexane	5.69	57	95910	0.608	ppbv #	41
34) 2-Butanone	5.25	43	21709	0.095	ppbv #	86
39) 1,2-Dichloropropane	7.17	63	1001047	8.405	ppbv #	22
44) 2,2,4-Trimethylpentane	7.87	57	27142	0.051	ppbv #	1
53) Toluene	9.80	91	122699	0.386	ppbv	97
59) m/p-Xylene	13.00	91	11643	0.030	ppbv #	33
60) o-Xylene	13.69	91	26892	0.074	ppbv	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036374.D
Acq On : 25 Feb 2021 6:45
Operator : SY/AP
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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Quant Time: Feb 25 07:57:39 2021
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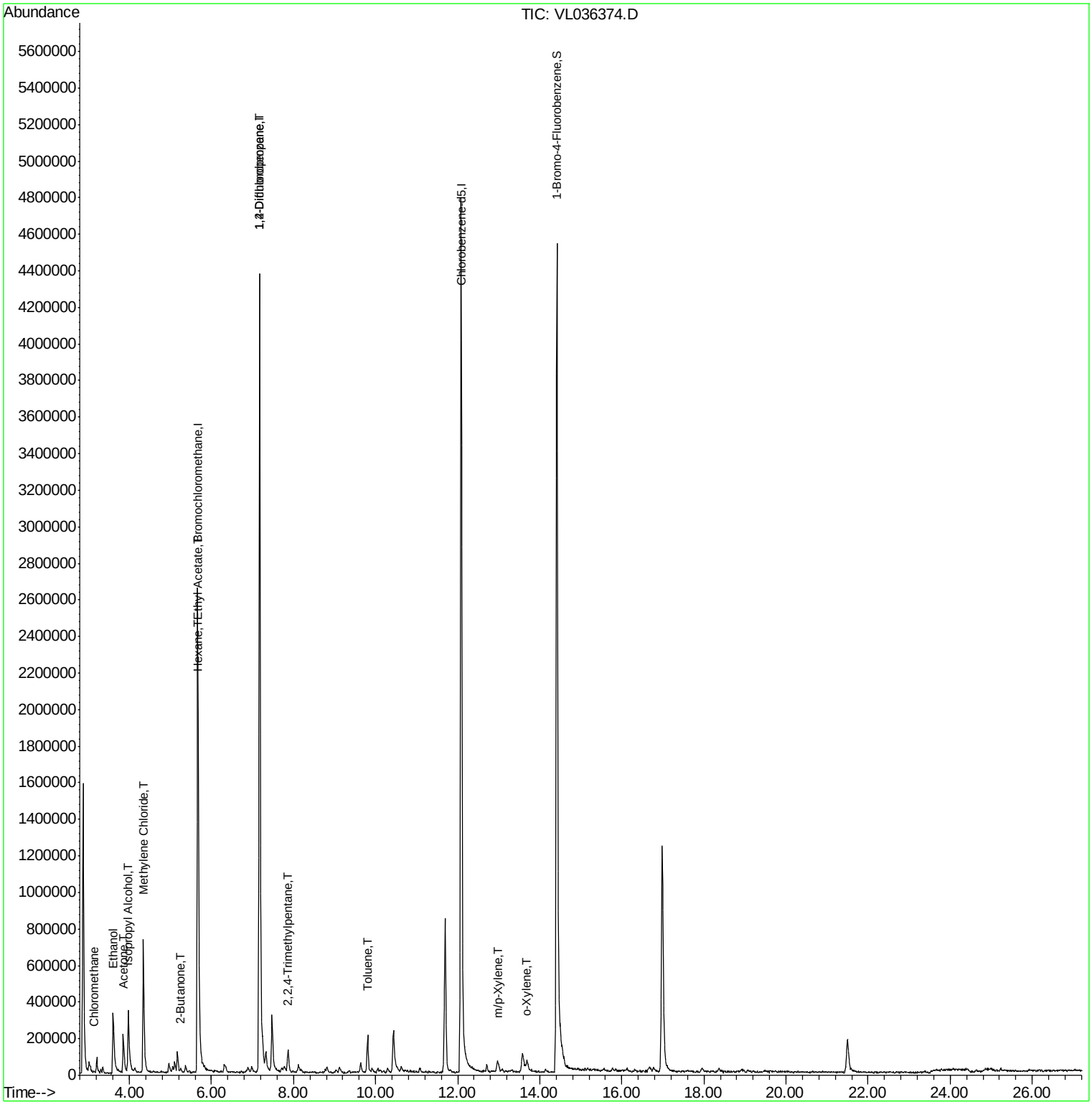
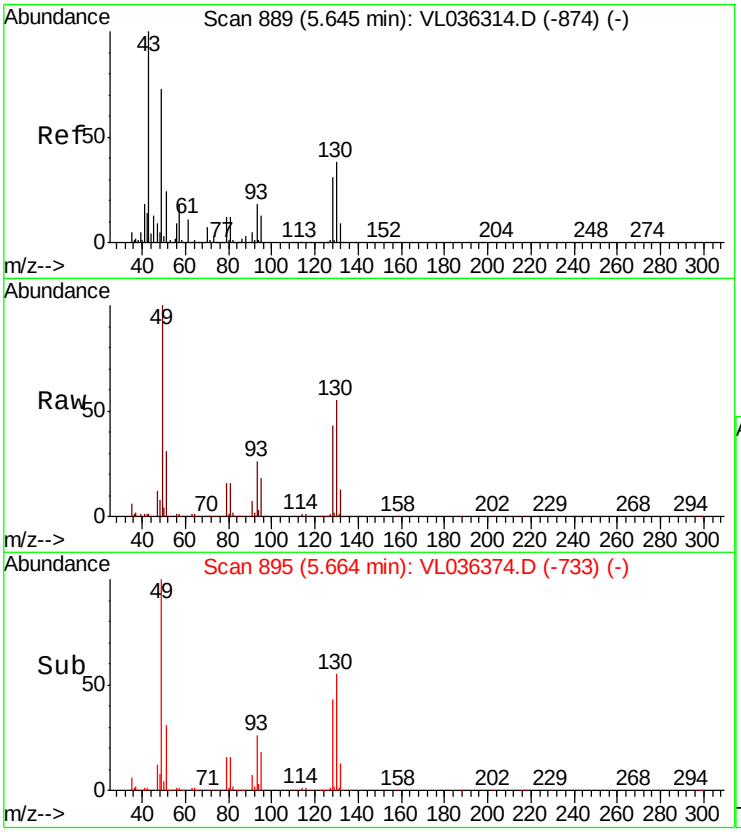
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration



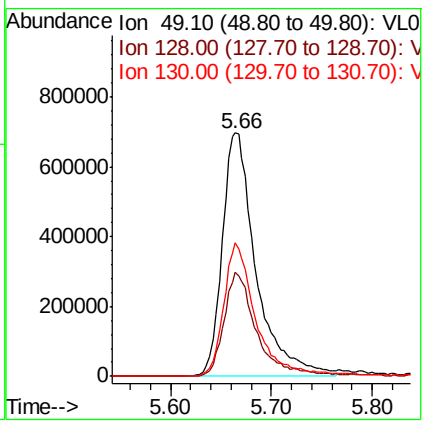


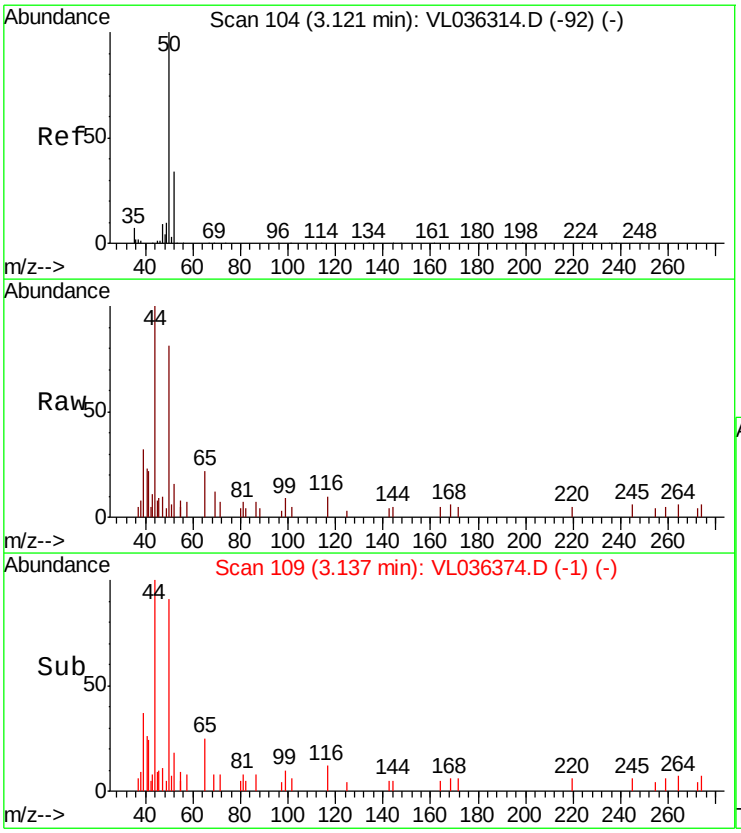
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument :
MSVOA_L
ClientSampleId :
NS-4DL

Tgt Ion: 49 Resp: 1628121

Ion	Ratio	Lower	Upper
49	100		
128	41.8	20.8	62.5
130	52.9	26.7	80.1

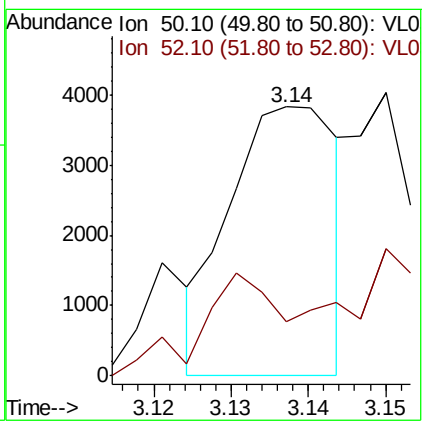


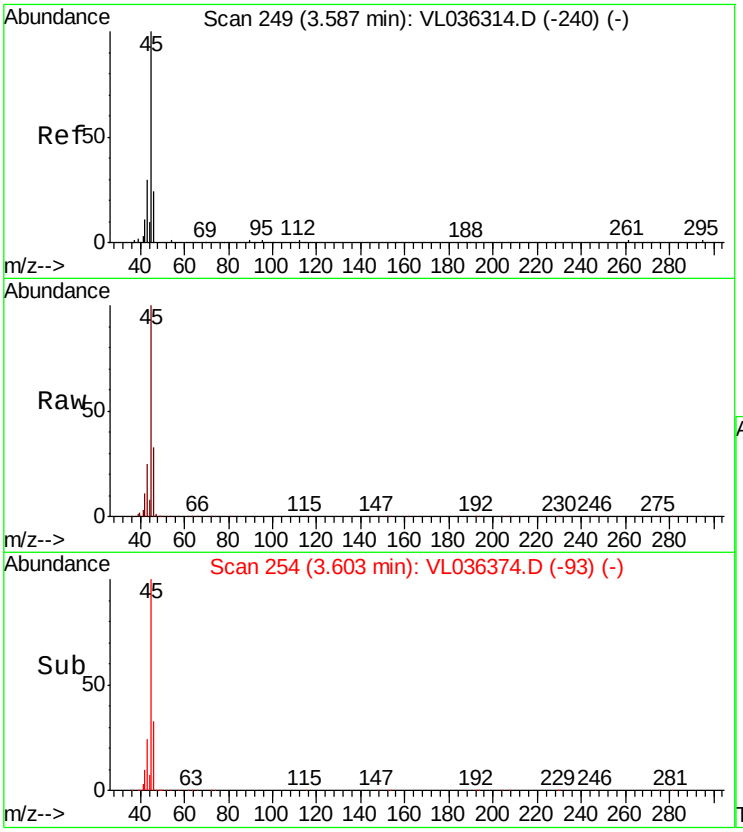


#4
Chloromethane
Concen: 0.038 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 50 Resp: 3697

Ion	Ratio	Lower	Upper
50	100		
52	23.5	27.0	40.4#



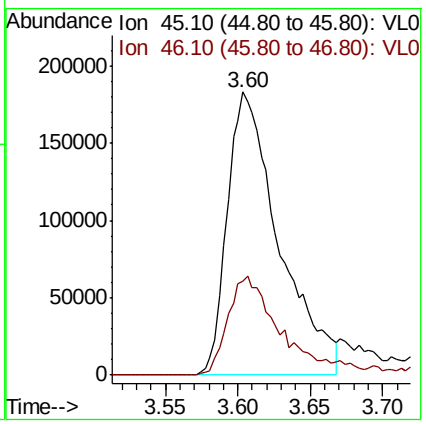


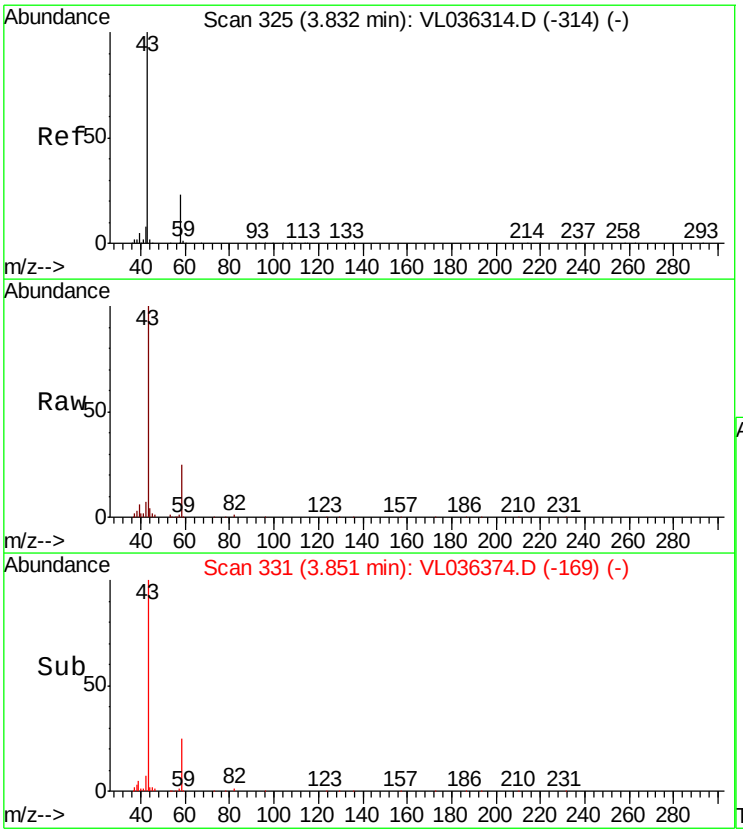
#13
Ethanol
Concen: 31.966 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument :
MSVOA_L
ClientSampleId :
NS-4DL

Tgt Ion: 45 Resp: 452857

Ion	Ratio	Lower	Upper
45	100		
46	39.2	17.7	70.7

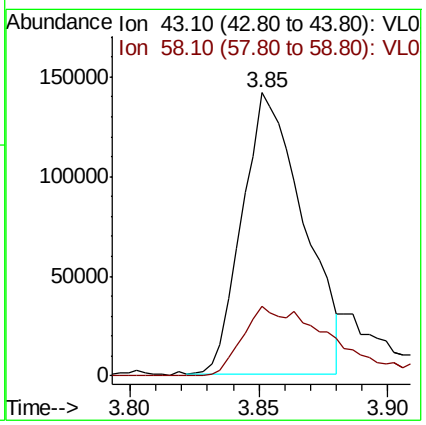


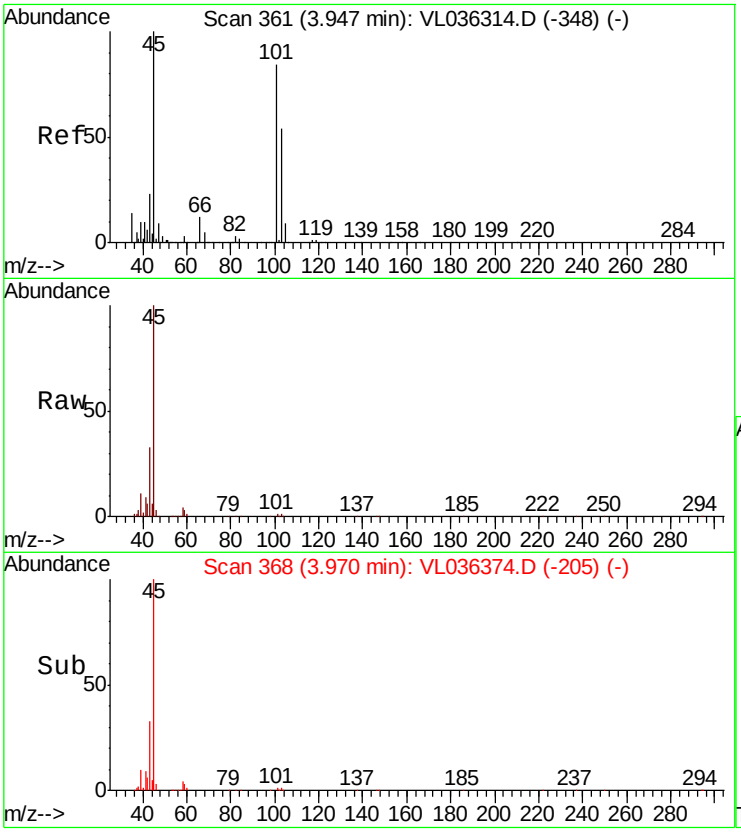


#15
Acetone
Concen: 1.179 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 43 Resp: 234634

Ion	Ratio	Lower	Upper
43	100		
58	37.4	20.3	30.5#



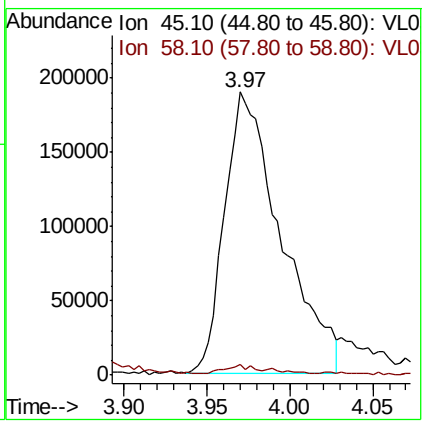


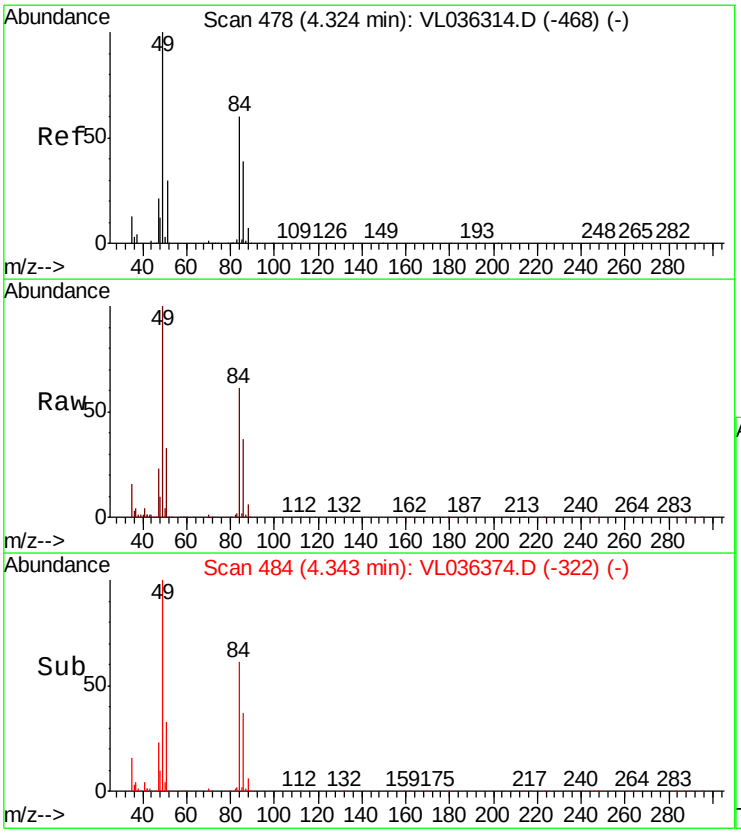
#19
Isopropyl Alcohol
Concen: 4.058 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument : MSVOA_L
ClientSampleId : NS-4DL

Tgt Ion: 45 Resp: 447397

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.9	2.9#

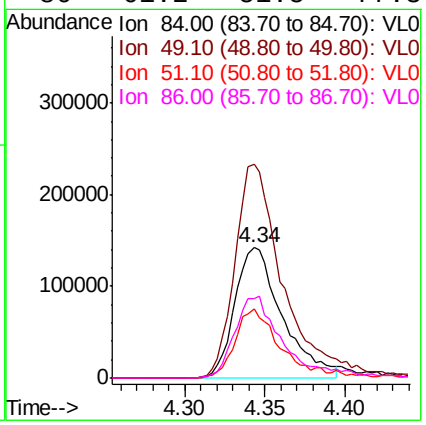


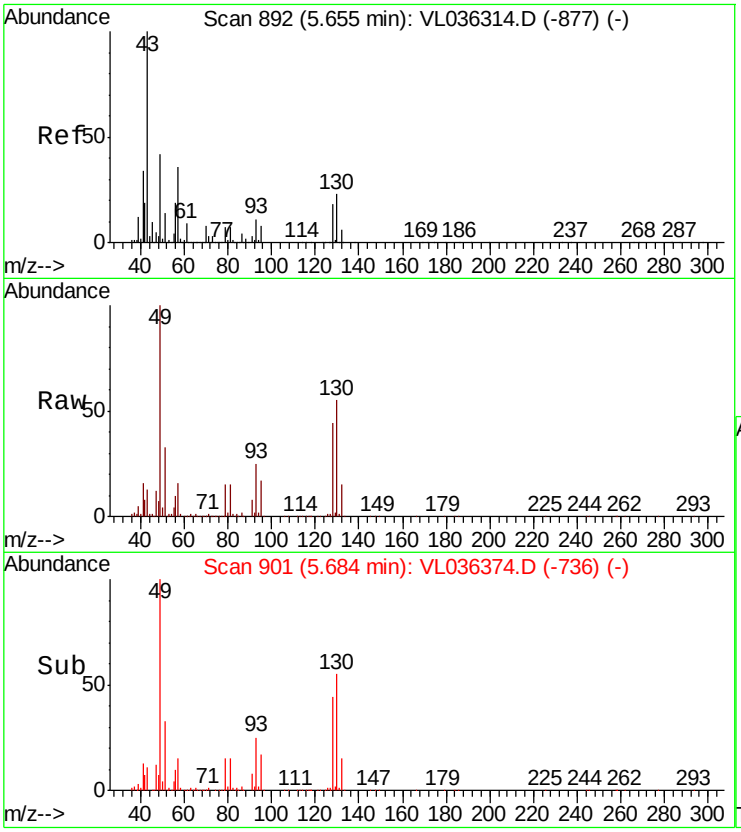


#20
Methylene Chloride
Concen: 4.480 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 84 Resp: 287626

Ion	Ratio	Lower	Upper
84	100		
49	164.3	133.8	200.8
51	53.2	41.4	62.0
86	61.2	51.5	77.3



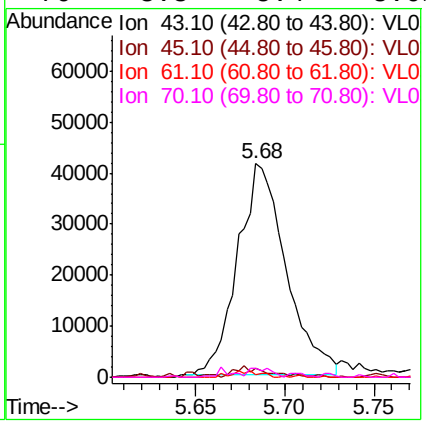


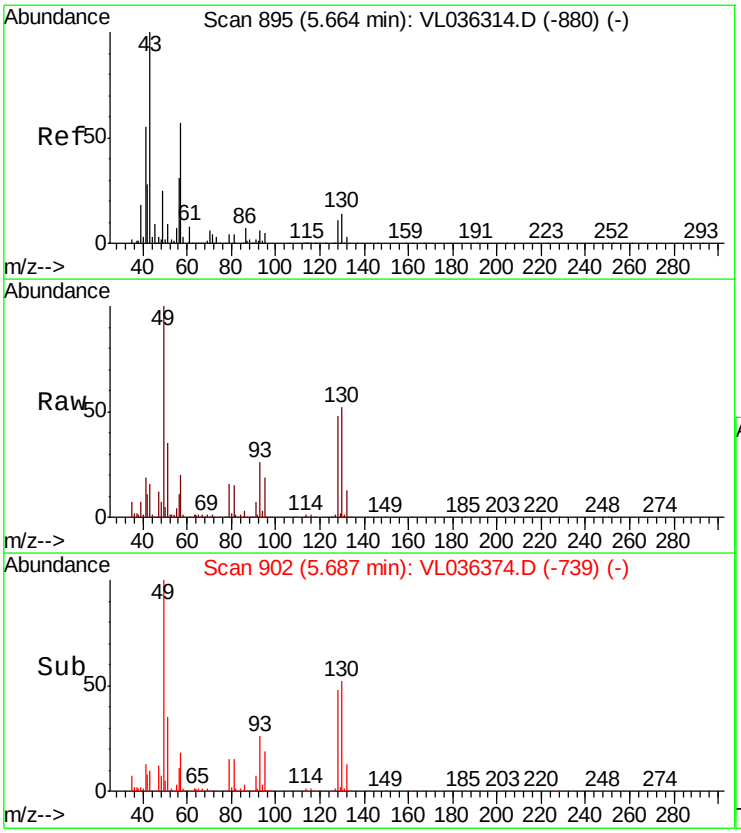
#25
Ethyl Acetate
Concen: 0.205 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.03 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument : MSVOA_L
ClientSampleId : NS-4DL

Tgt Ion: 43 Resp: 78599

Ion	Ratio	Lower	Upper
43	100		
45	3.8	8.3	12.5#
61	1.8	7.3	10.9#
70	3.3	5.4	8.0#

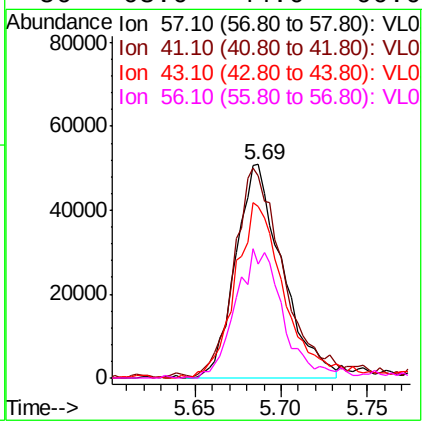


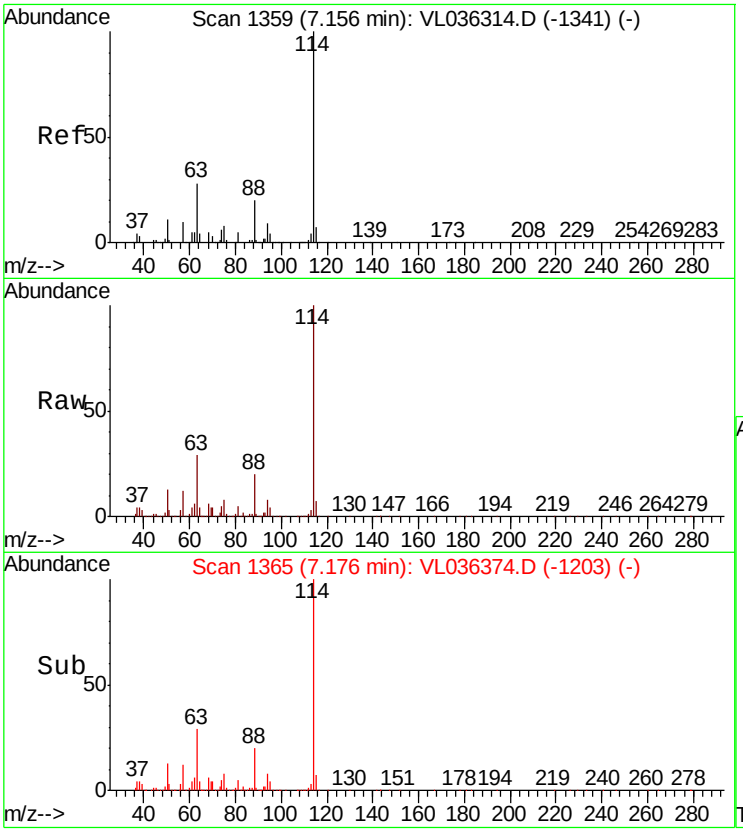


#26
Hexane
Concen: 0.608 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 57 Resp: 95910

Ion	Ratio	Lower	Upper
57	100		
41	109.2	81.7	122.5
43	90.9	199.1	298.7#
56	63.0	44.0	66.0



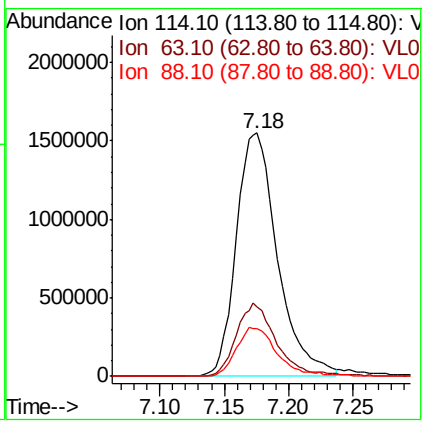


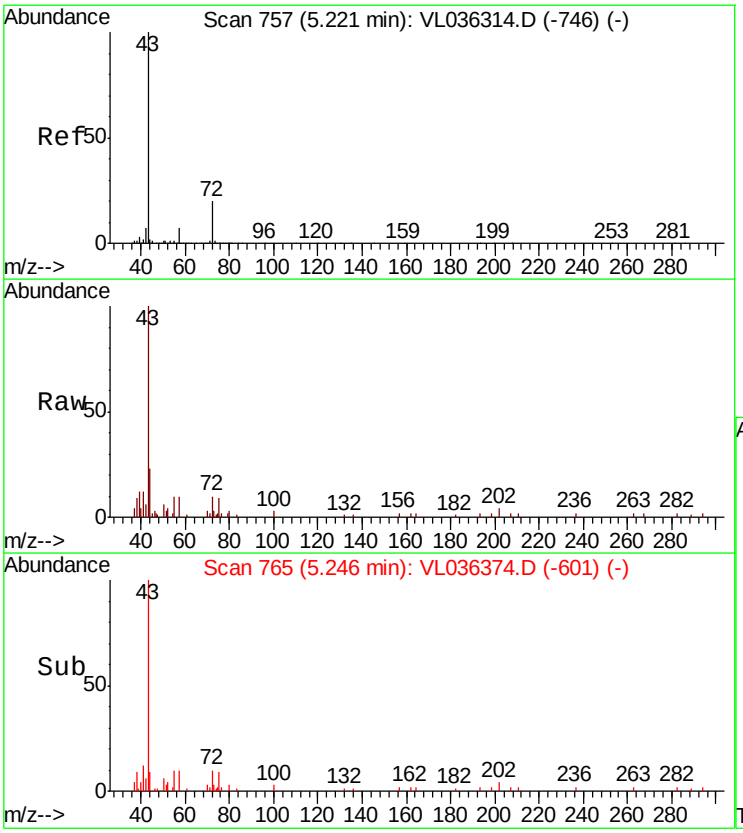
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument :
MSVOA_L
ClientSampleId :
NS-4DL

Tgt Ion:114 Resp: 3451334

Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	20.3	16.0	24.0

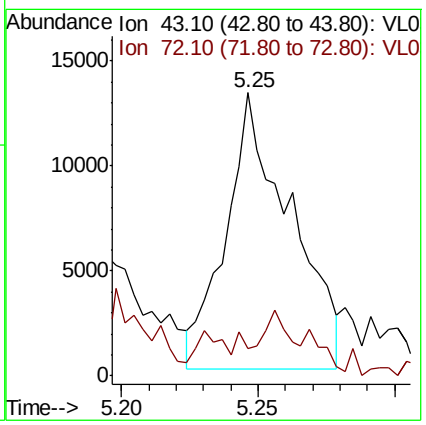


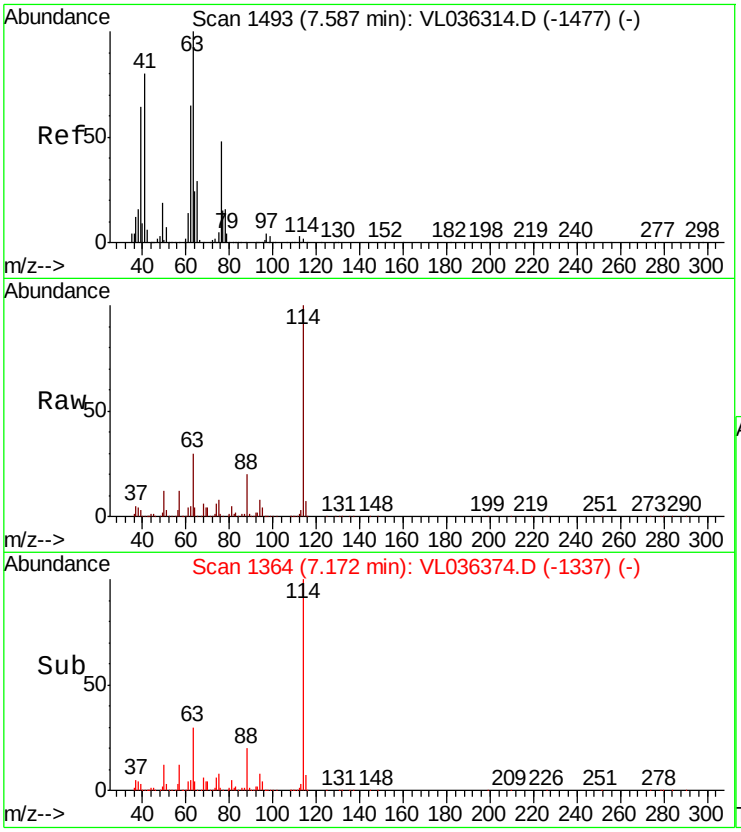


#34
2-Butanone
Concen: 0.095 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.03 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 43 Resp: 21709

Ion	Ratio	Lower	Upper
43	100		
72	27.6	16.7	25.1#



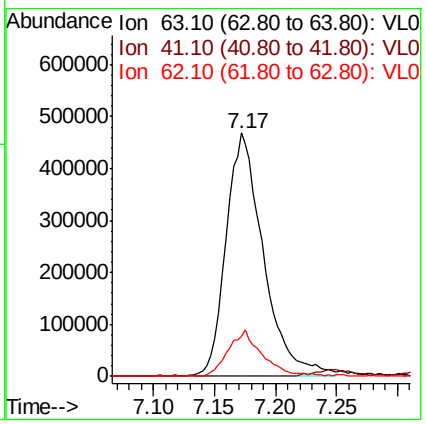


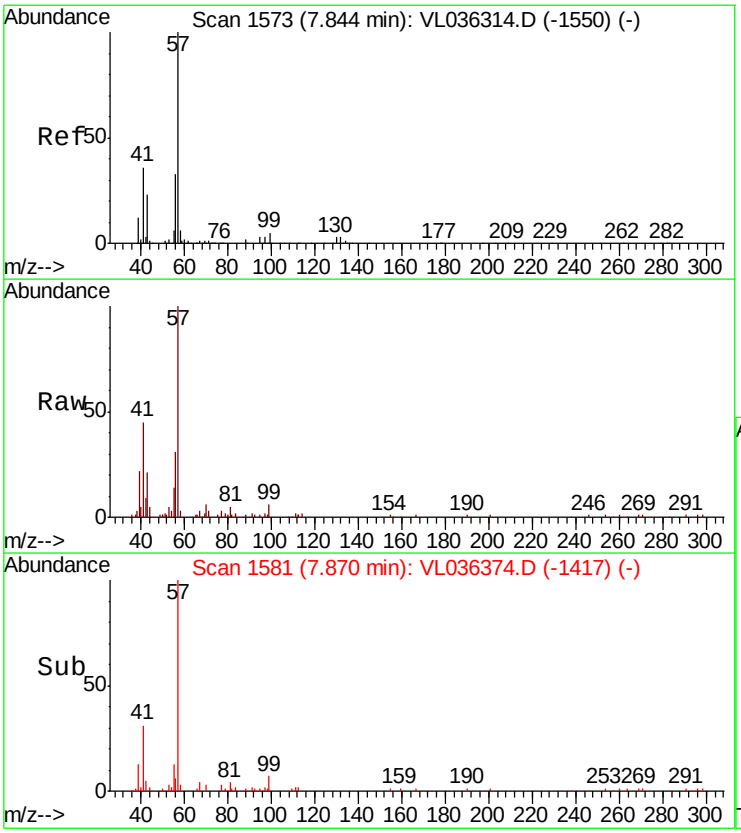
#39
1,2-Dichloropropane
Concen: 8.405 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.41 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument :
MSVOA_L
ClientSampleId :
NS-4DL

Tgt Ion: 63 Resp: 1001047

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.8	95.6#
62	16.5	52.3	78.5#

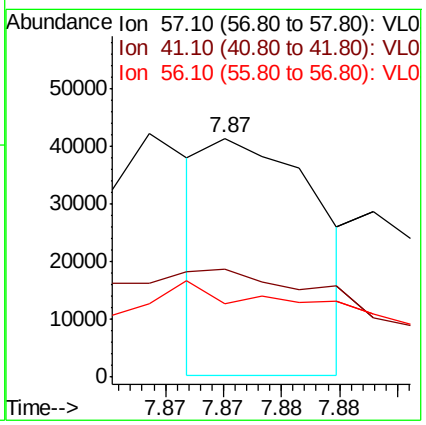


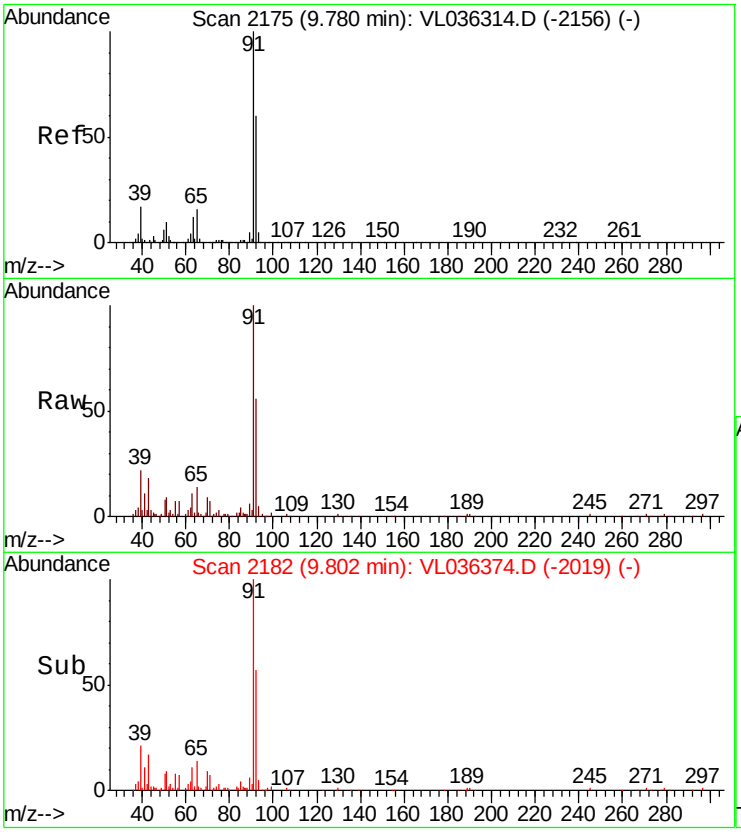


#44
2,2,4-Trimethylpentane
Concen: 0.051 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.03 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 57 Resp: 27142

Ion	Ratio	Lower	Upper
57	100		
41	182.6	28.8	43.2#
56	146.6	25.8	38.6#



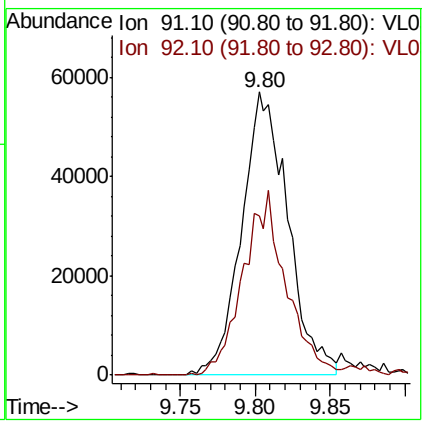


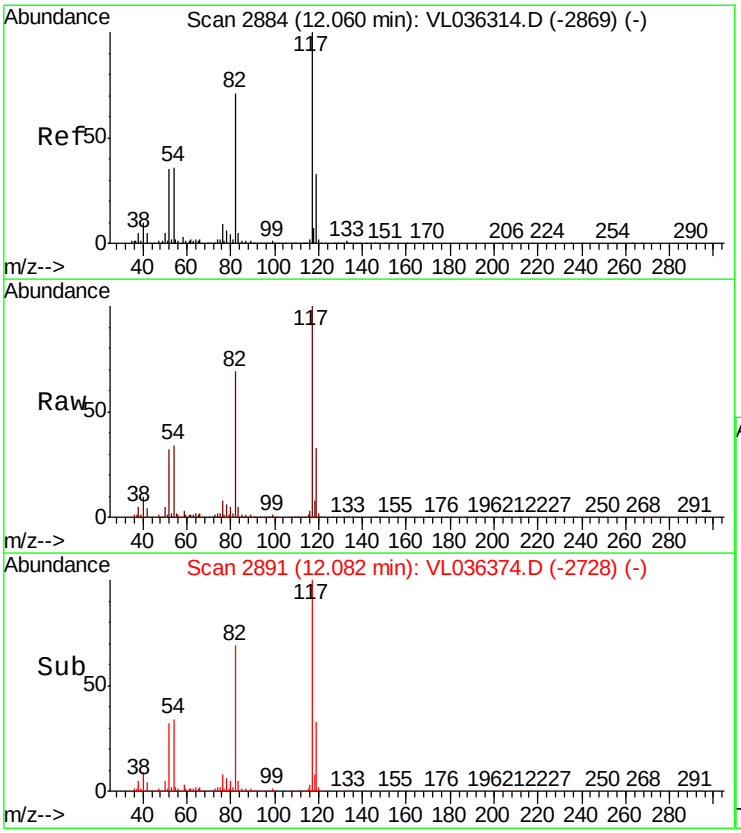
#53
Toluene
Concen: 0.386 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument : MSVOA_L
ClientSampleId : NS-4DL

Tgt Ion: 91 Resp: 122699

Ion	Ratio	Lower	Upper
91	100		
92	63.0	48.6	72.8

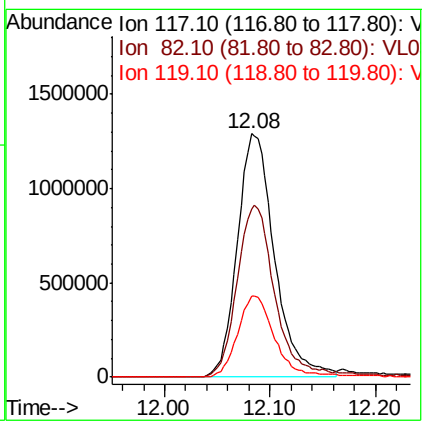


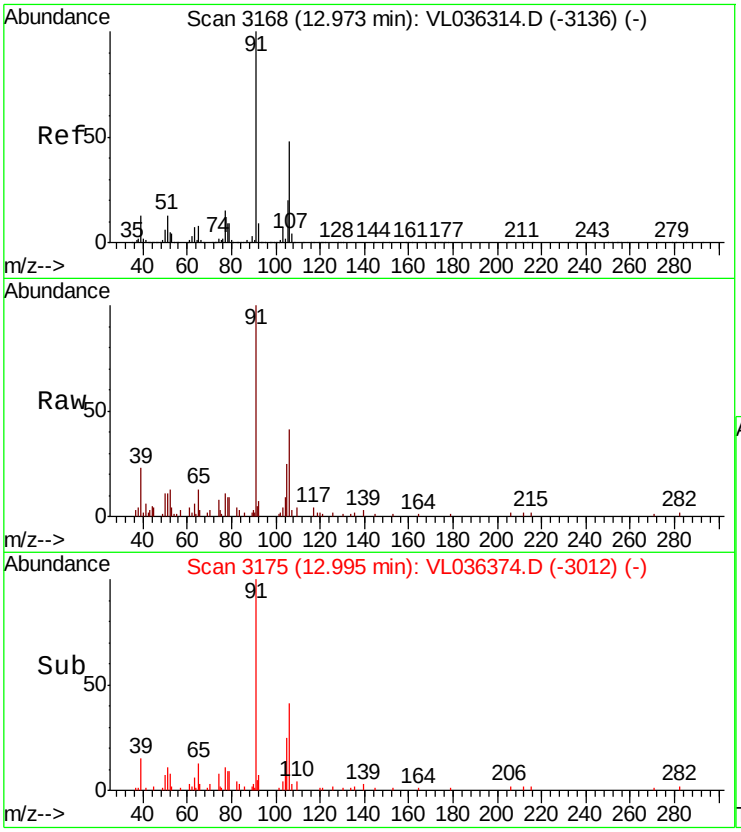


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion:117 Resp: 3177893

Ion	Ratio	Lower	Upper
117	100		
82	73.8	59.1	88.7
119	33.8	46.3	69.5#



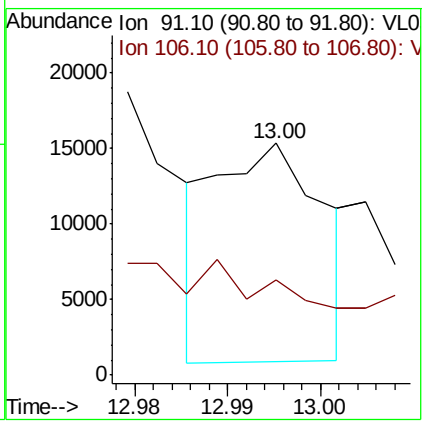


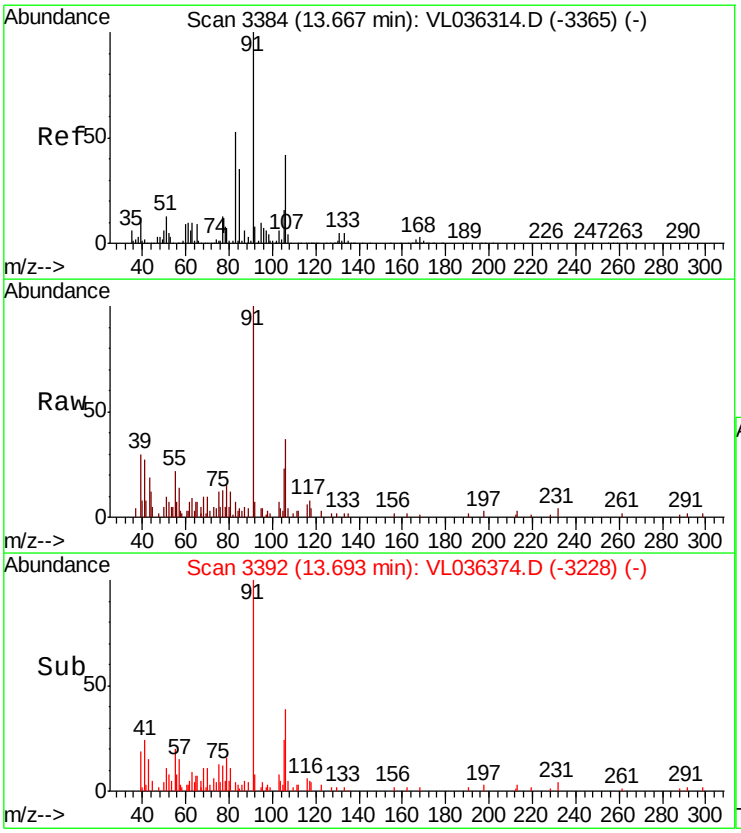
#59
m/p-Xylene
Concen: 0.030 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. 0.02 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument :
MSVOA_L
ClientSampleId :
NS-4DL

Tgt Ion: 91 Resp: 11643

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.2	51.2#

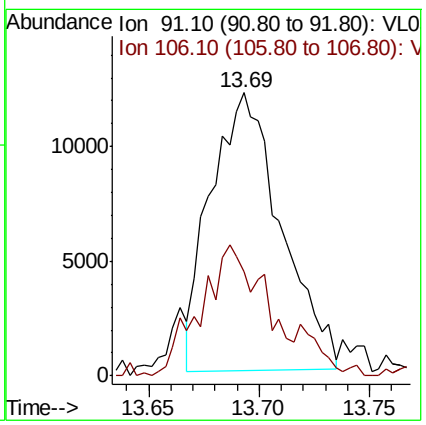


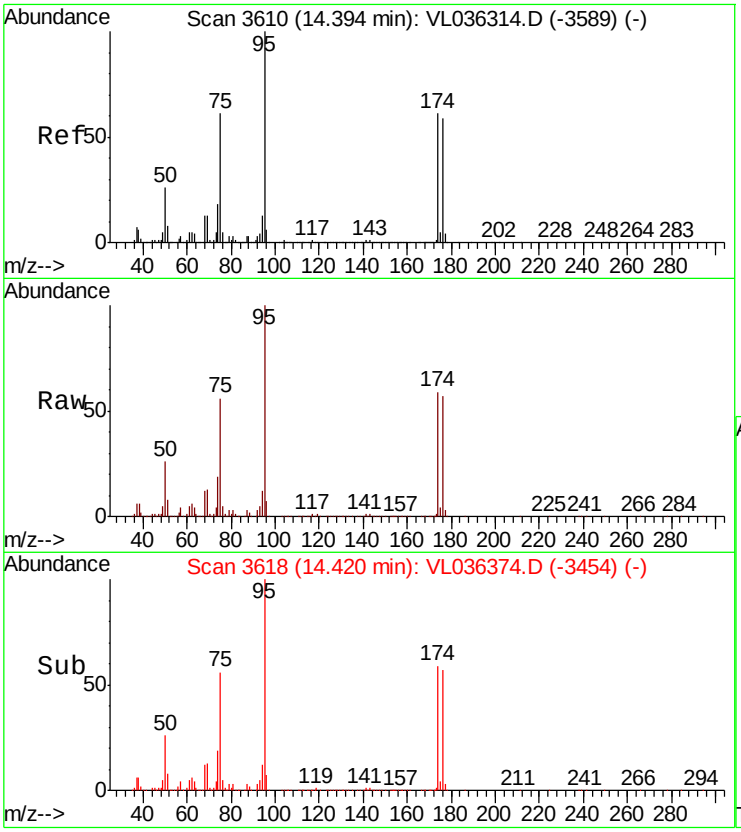


#60
o-Xylene
Concen: 0.074 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.03 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Tgt Ion: 91 Resp: 26892

Ion	Ratio	Lower	Upper
91	100		
106	49.1	22.0	66.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.539 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.03 min
Lab File: VL036374.D
Acq: 25 Feb 2021 6:45

Instrument :
MSVOA_L
ClientSampleId :
NS-4DL

Tgt Ion: 95 Resp: 2494119

Ion	Ratio	Lower	Upper
95	100		
174	66.6	49.8	74.6
175	4.6	3.7	5.5