Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036367.D
Acq On : 25 Feb 2021 2:04
Operator : SY/AP
Sample : M1463-09DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Quant Time: Feb 25 05:21:47 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	1613842	10.00	ppbv		0.04
33) 1,4-Difluorobenzene	7.19	114	3639686	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	3295847	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2630729	9.70	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.00%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.99	51	8682	0.043	ppbv		95
9) Propene	3.37	41	7885	0.105	ppbv		90
13) Ethanol	3.61	45	438125	31.200	ppbv		98
15) Acetone	3.86	43	190217	0.964	ppbv	#	76
19) Isopropyl Alcohol	3.98	45	410469	3.756	ppbv	#	96
20) Methylene Chloride	4.35	84	12199	0.192	ppbv	#	86
23) Vinyl Acetate	5.07	43	11727	0.051	ppbv	#	34
25) Ethyl Acetate	5.70	43	24128	0.063	ppbv	#	96
26) Hexane	5.70	57	30292	0.194	ppbv	#	42
27) Carbon Disulfide	4.56	76	4528	0.031	ppbv	#	59
39) 1,2-Dichloropropane	7.19	63	557718	4.441	ppbv	#	22
44) 2,2,4-Trimethylpentane	7.88	57	52274	0.093	ppbv	#	12
53) Toluene	9.82	91	169405	0.506	ppbv		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
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Acq On : 25 Feb 2021 2:04
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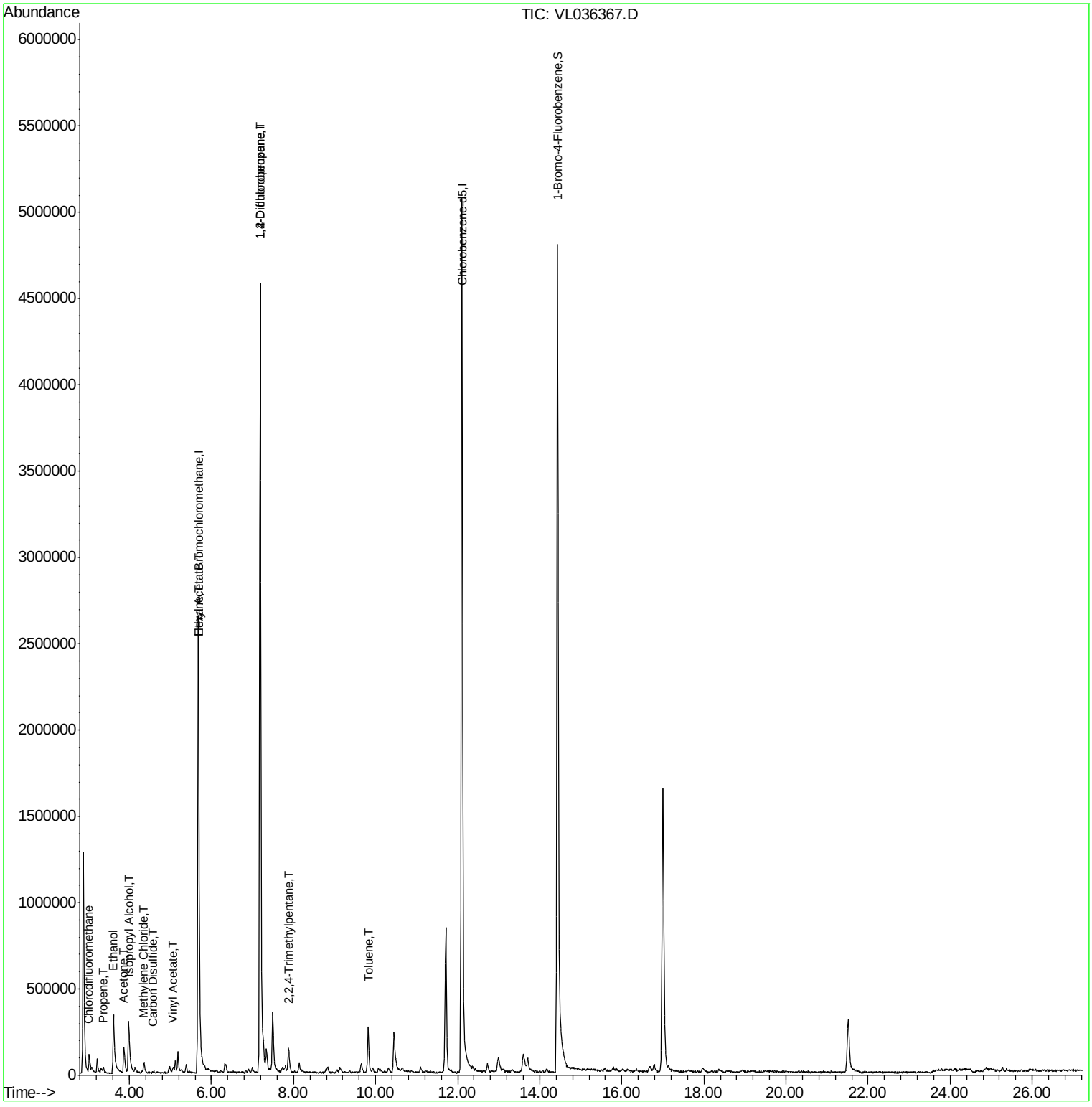
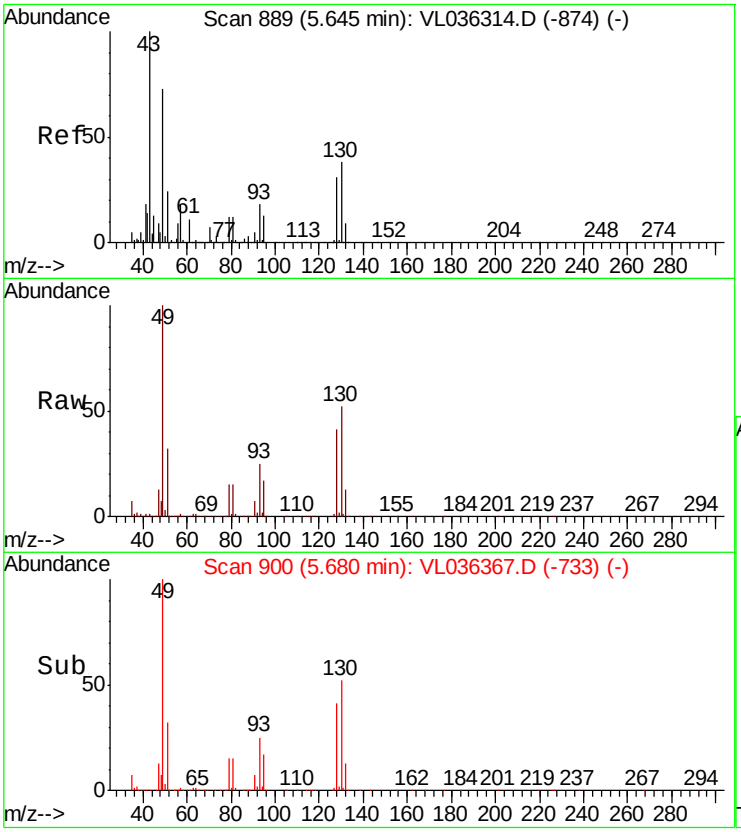
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration



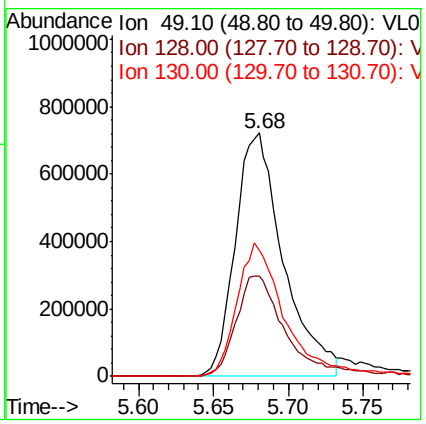


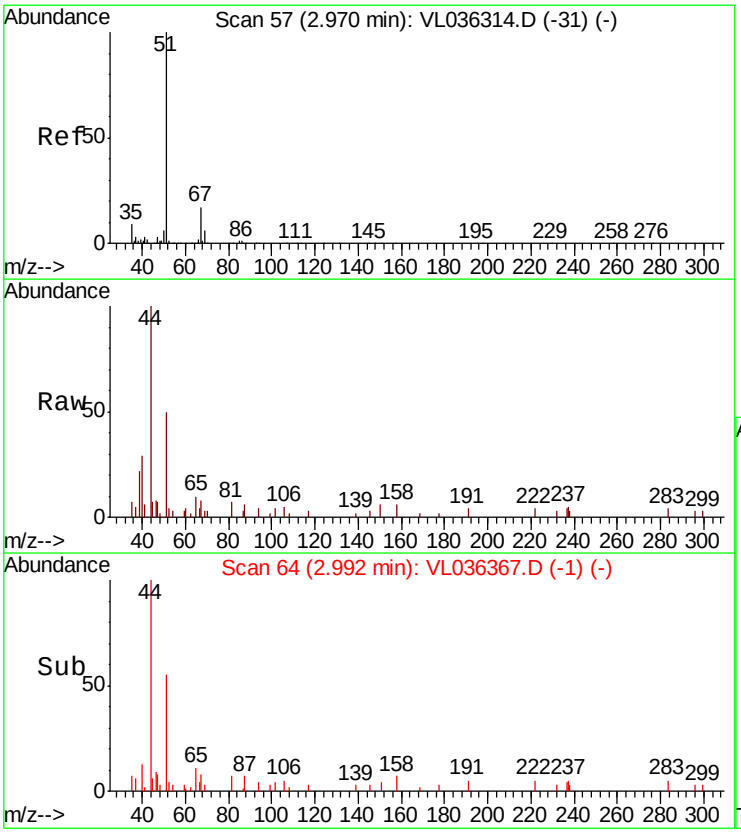
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 49 Resp: 1613842

Ion	Ratio	Lower	Upper
49	100		
128	44.0	20.8	62.5
130	56.4	26.7	80.1

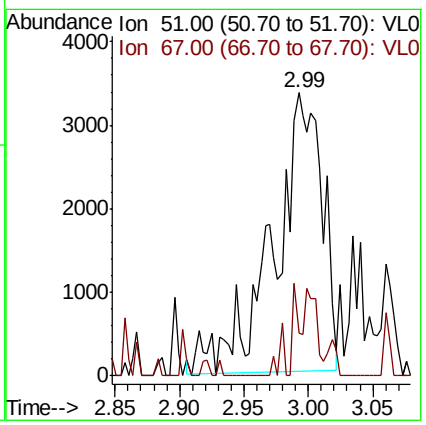


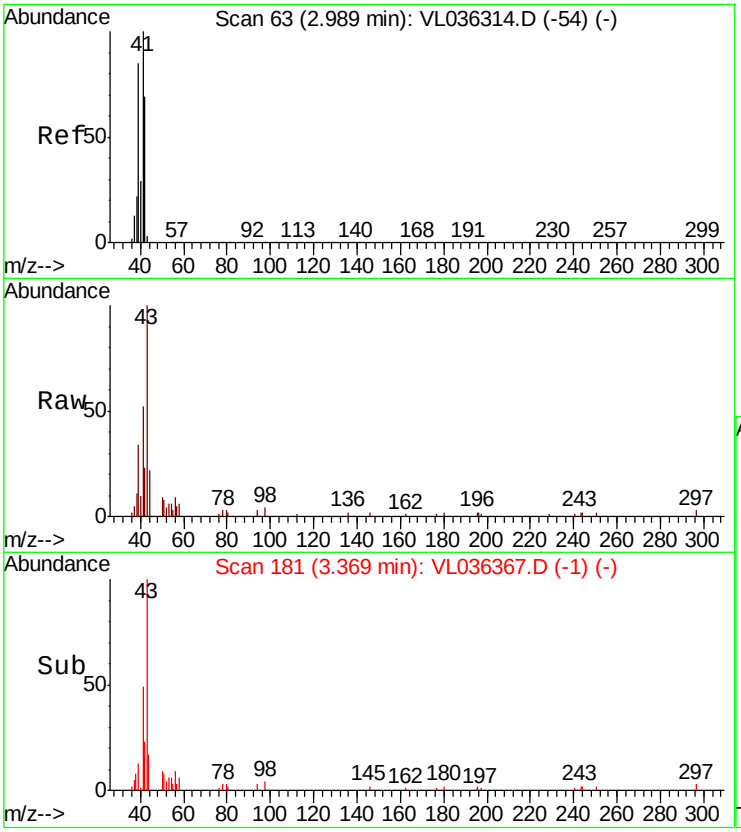


#3
Chlorodifluoromethane
Concen: 0.043 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.02 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion: 51 Resp: 8682

Ion	Ratio	Lower	Upper
51	100		
67	16.3	14.7	22.1



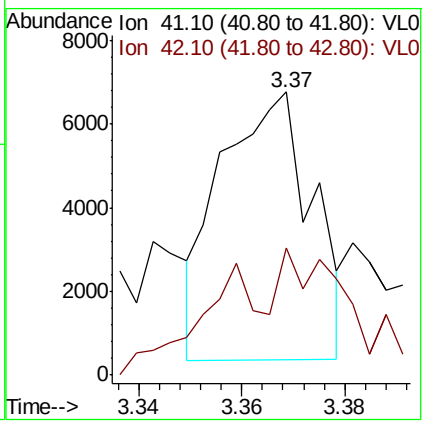


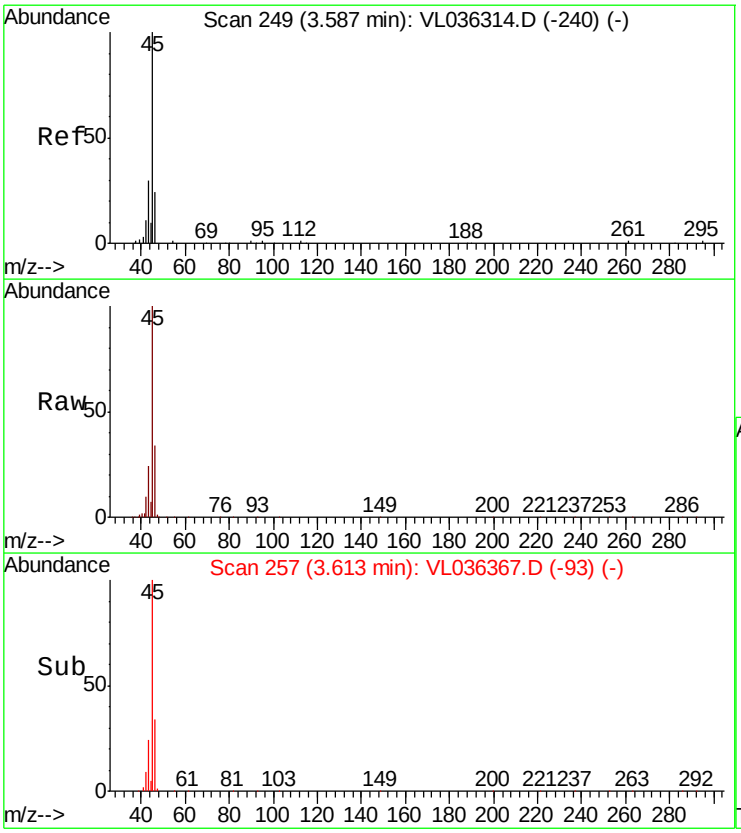
#9
Propene
Concen: 0.105 ppbv
RT: 3.37 min Scan# 181
Delta R.T. 0.38 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument :
MSVOA_L
ClientSampleId :
NS-7DL

Tgt Ion: 41 Resp: 7885

Ion	Ratio	Lower	Upper
41	100		
42	62.1	56.2	84.2

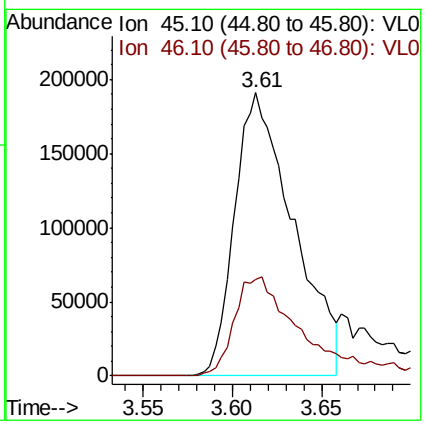


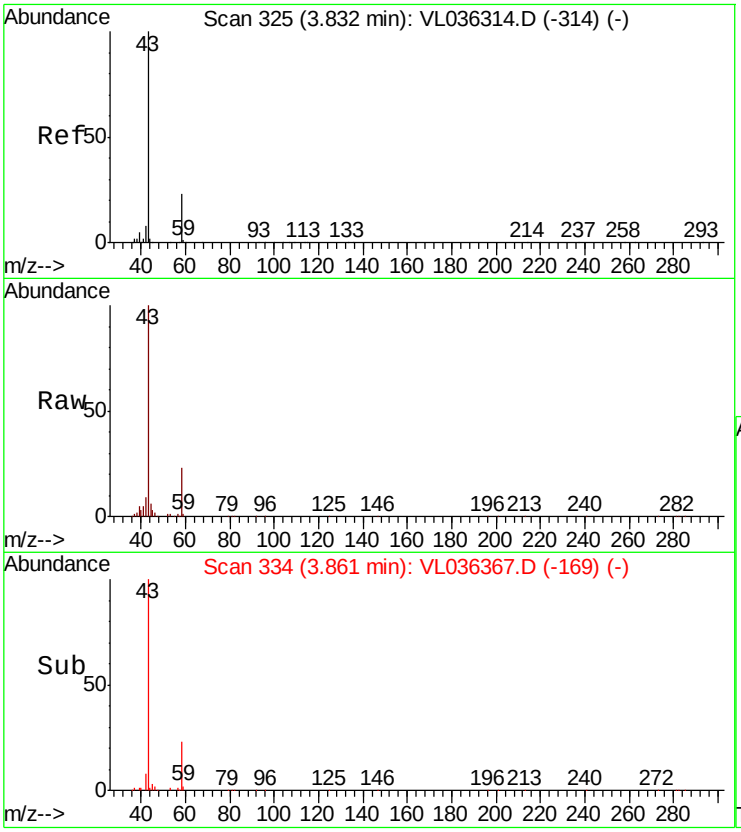


#13
Ethanol
Concen: 31.200 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.03 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion: 45 Resp: 438125

Ion	Ratio	Lower	Upper
45	100		
46	42.9	17.7	70.7



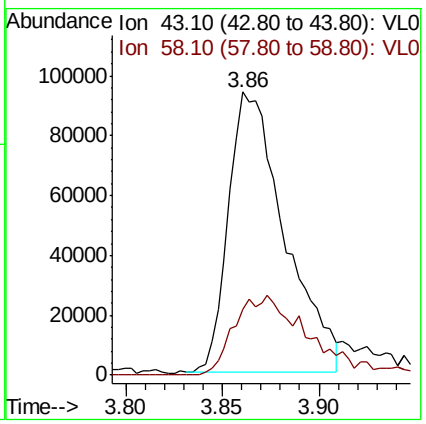


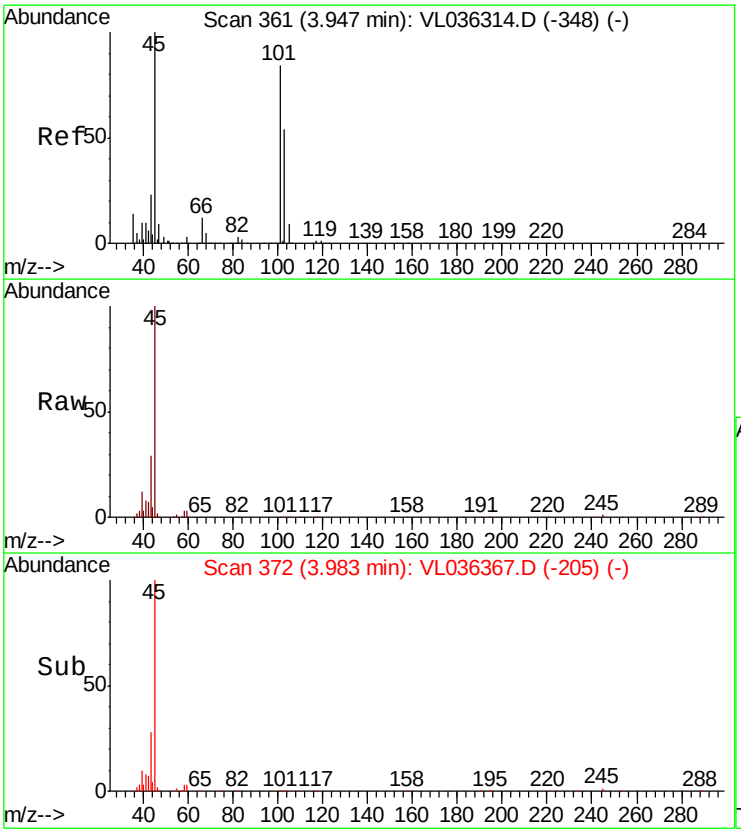
#15
Acetone
Concen: 0.964 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.03 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 43 Resp: 190217

Ion	Ratio	Lower	Upper
43	100		
58	37.5	20.3	30.5#

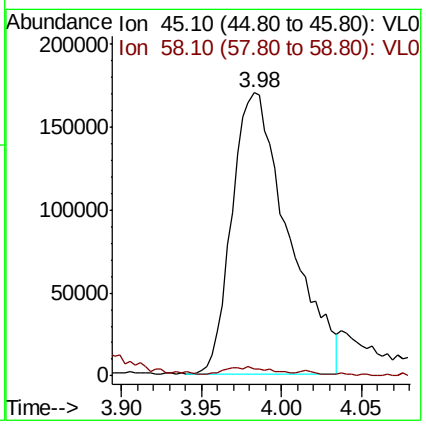


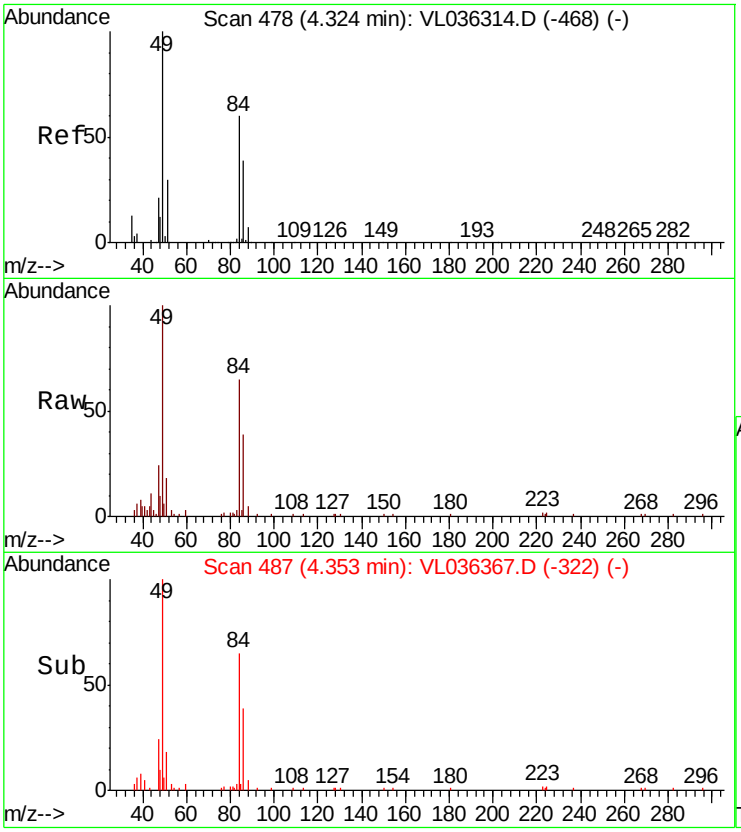


#19
Isopropyl Alcohol
Concen: 3.756 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion: 45 Resp: 410469

Ion	Ratio	Lower	Upper
45	100		
58	3.8	1.9	2.9#



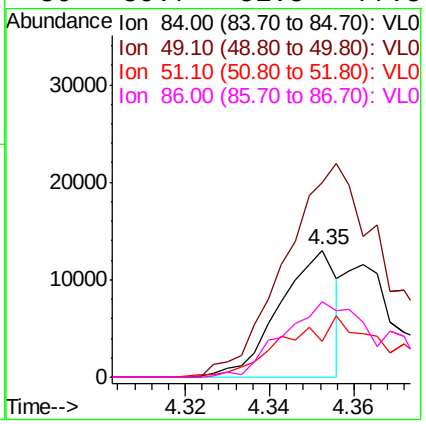


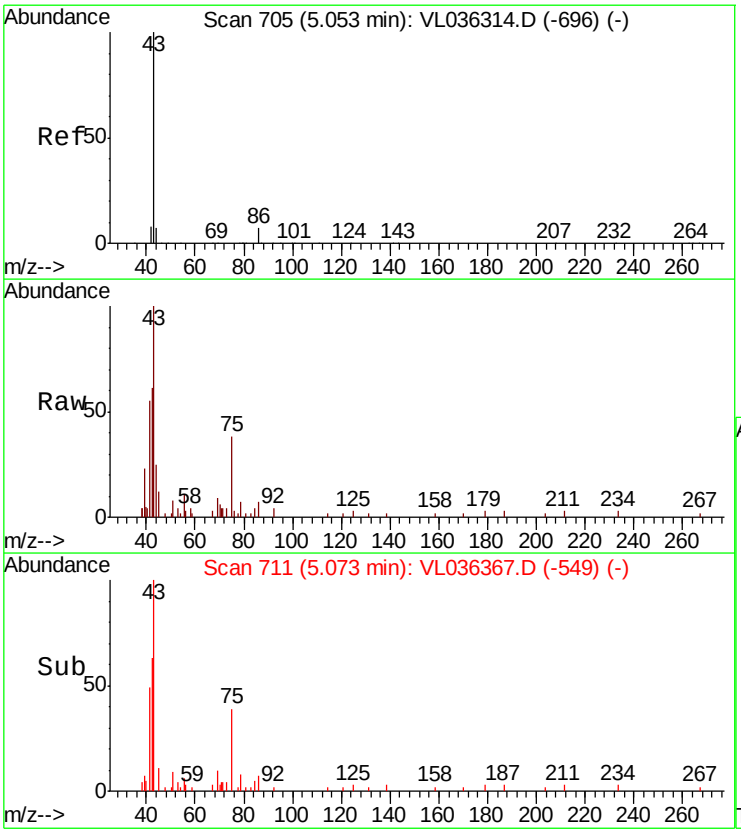
#20
Methylene Chloride
Concen: 0.192 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.03 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 84 Resp: 12199

Ion	Ratio	Lower	Upper
84	100		
49	152.7	133.8	200.8
51	26.6	41.4	62.0#
86	59.7	51.5	77.3

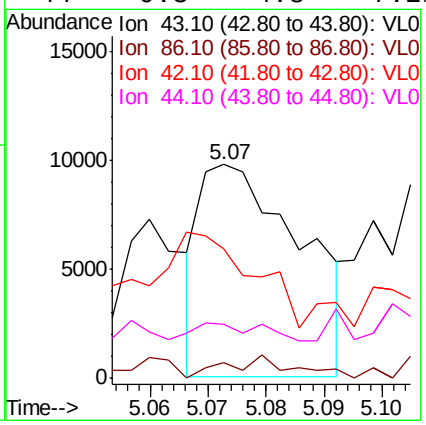


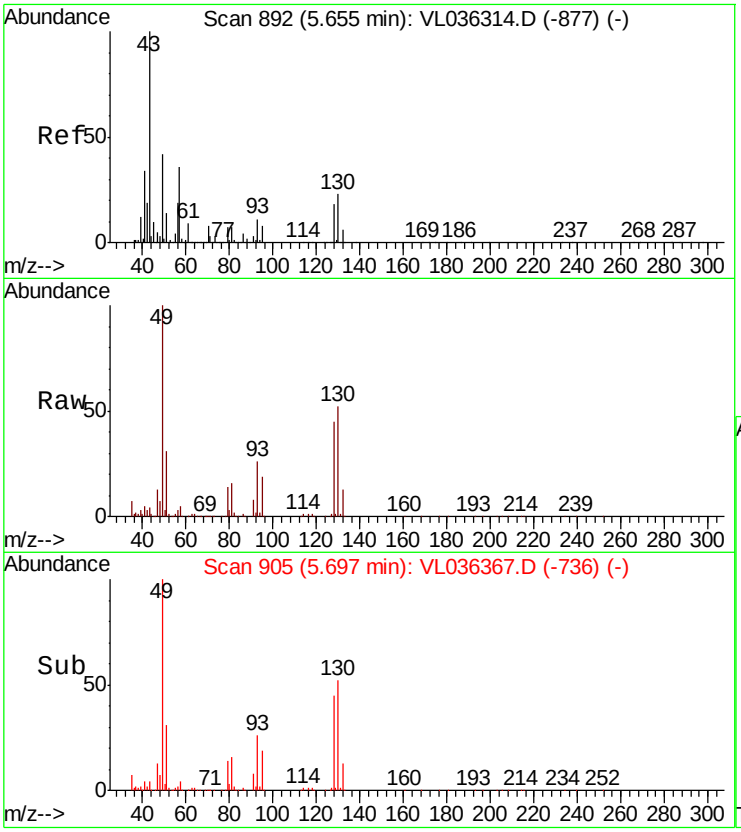


#23
Vinyl Acetate
Concen: 0.051 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.02 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion: 43 Resp: 11727

Ion	Ratio	Lower	Upper
43	100		
86	15.2	4.8	7.2#
42	55.4	7.4	11.0#
44	9.3	4.8	7.2#



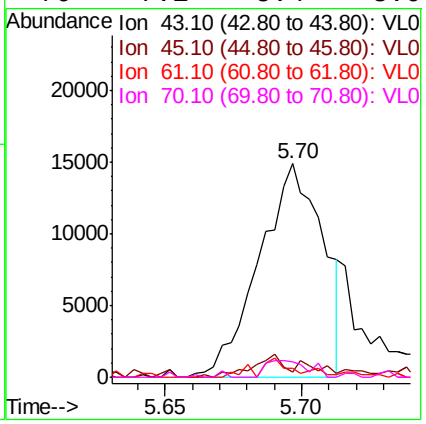


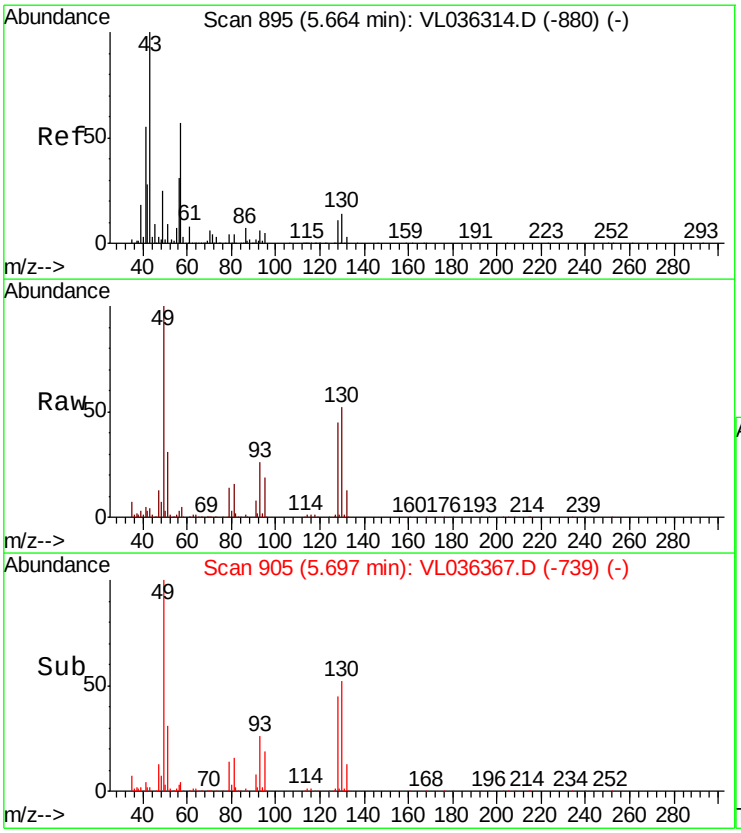
#25
Ethyl Acetate
Concen: 0.063 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 43 Resp: 24128

Ion	Ratio	Lower	Upper
43	100		
45	9.6	8.3	12.5
61	6.6	7.3	10.9#
70	7.1	5.4	8.0

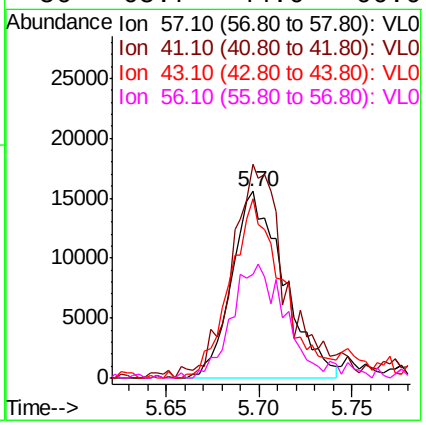


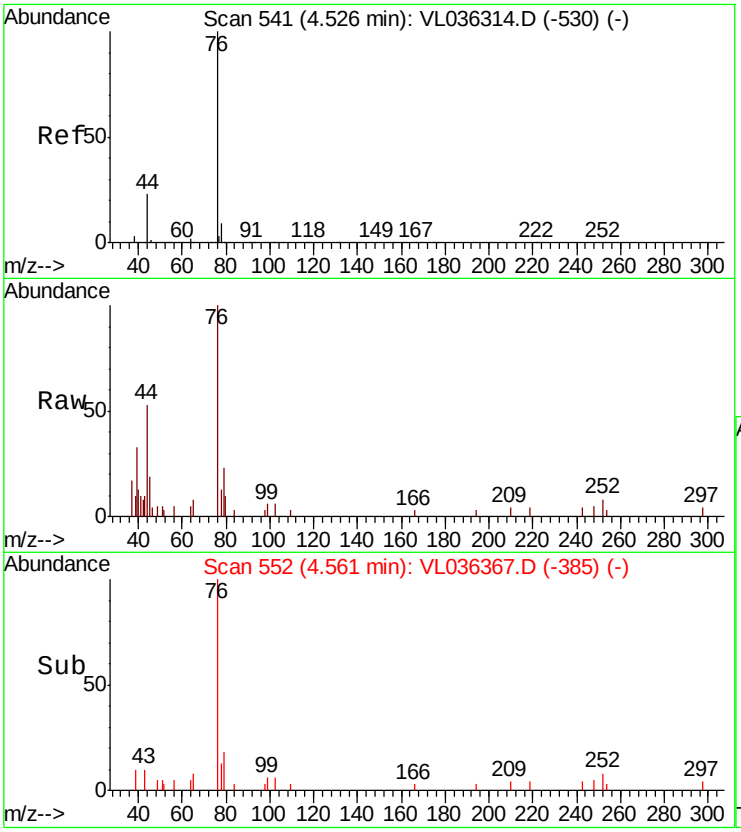


#26
Hexane
Concen: 0.194 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion: 57 Resp: 30292

Ion	Ratio	Lower	Upper
57	100		
41	130.1	81.7	122.5#
43	109.0	199.1	298.7#
56	65.7	44.0	66.0



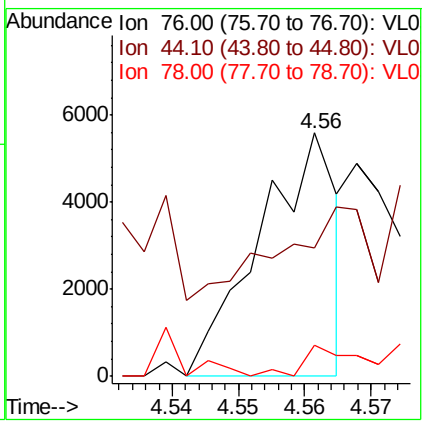


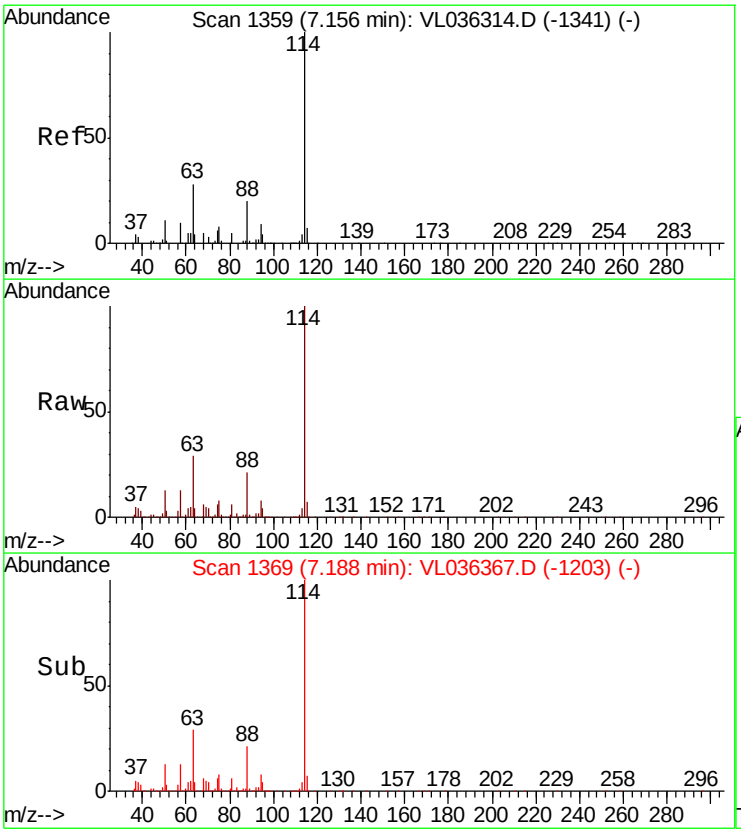
#27
Carbon Disulfide
Concen: 0.031 ppbv
RT: 4.56 min Scan# 552
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 76 Resp: 4528

Ion	Ratio	Lower	Upper
76	100		
44	0.0	18.4	27.6#
78	0.0	8.0	12.0#

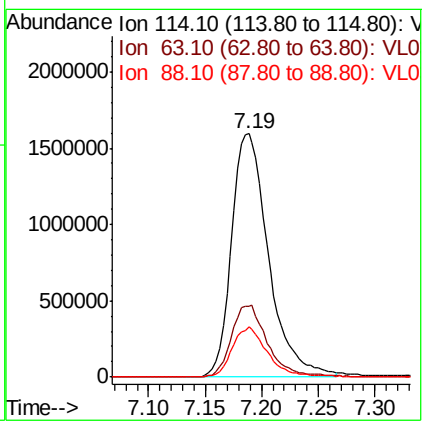


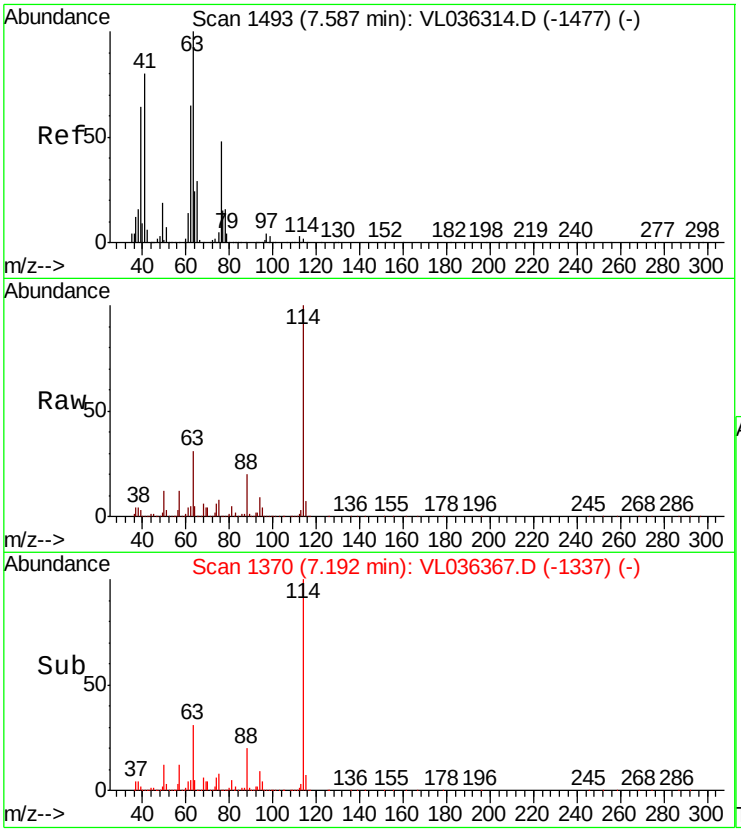


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.03 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion:114 Resp: 3639686

Ion	Ratio	Lower	Upper
114	100		
63	29.2	24.1	36.1
88	19.9	16.0	24.0



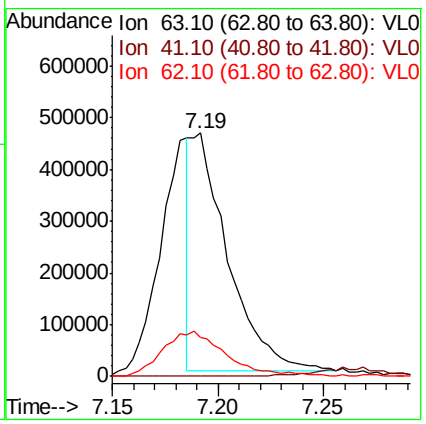


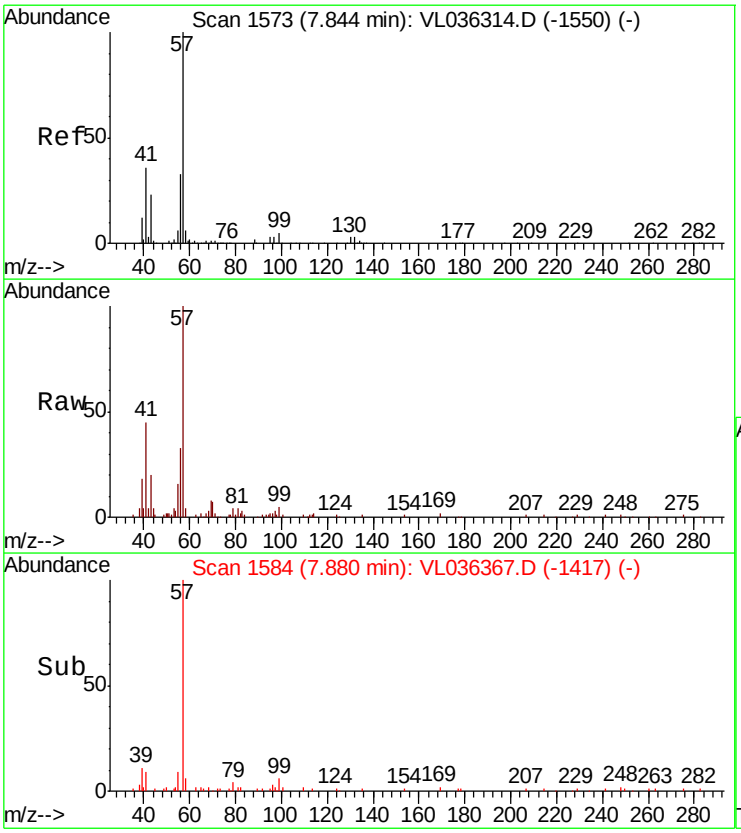
#39
1,2-Dichloropropane
Concen: 4.441 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.40 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 63 Resp: 557718

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.8	95.6#
62	15.8	52.3	78.5#

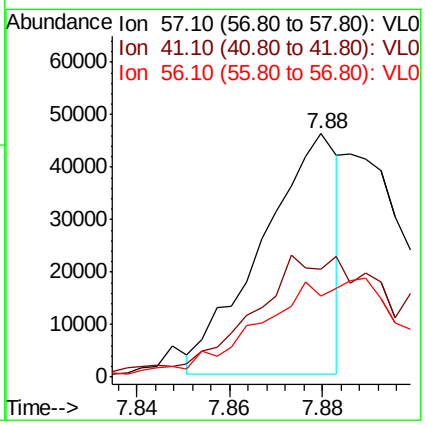


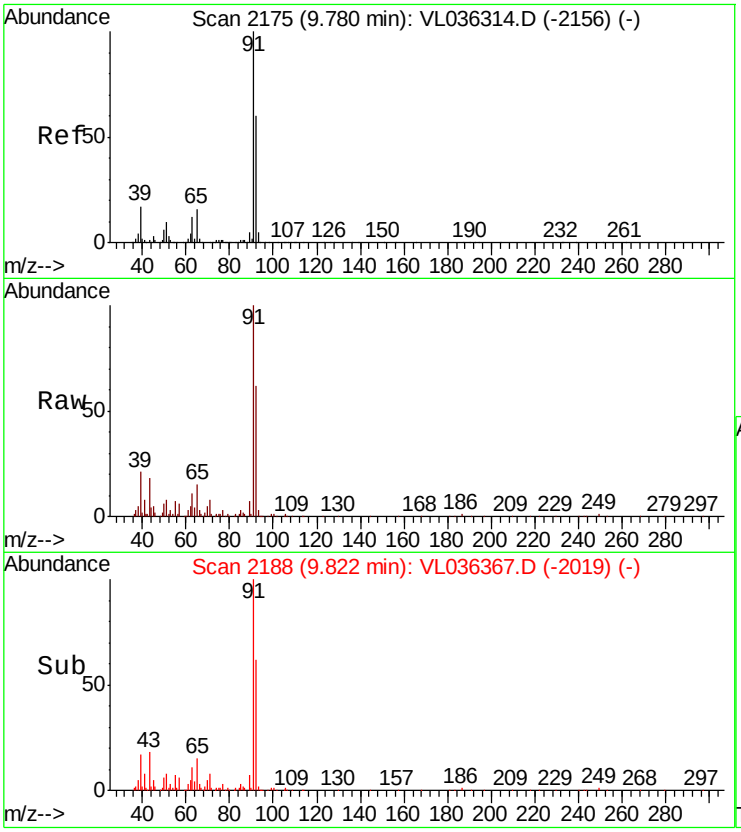


#44
2,2,4-Trimethylpentane
Concen: 0.093 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion: 57 Resp: 52274

Ion	Ratio	Lower	Upper
57	100		
41	104.2	28.8	43.2#
56	0.0	25.8	38.6#



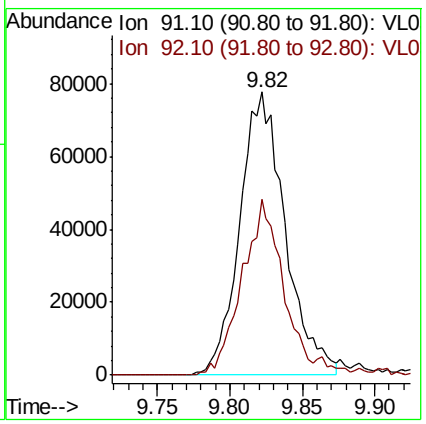


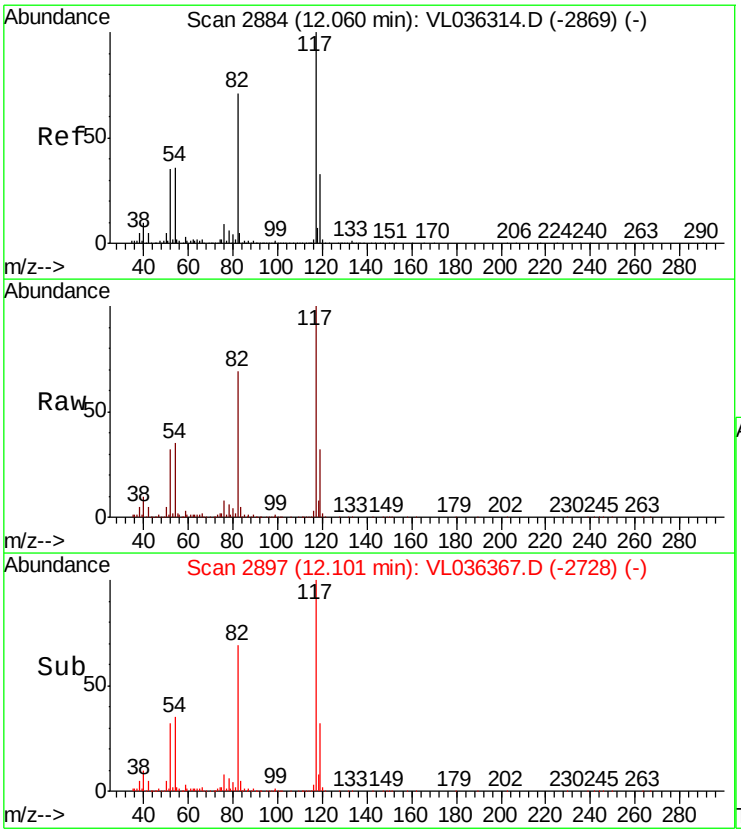
#53
Toluene
Concen: 0.506 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument : MSVOA_L
ClientSampleId : NS-7DL

Tgt Ion: 91 Resp: 169405

Ion	Ratio	Lower	Upper
91	100		
92	59.0	48.6	72.8

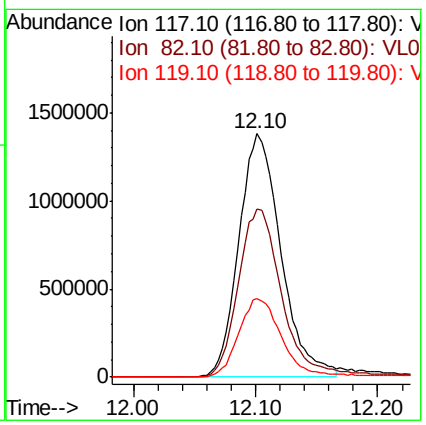


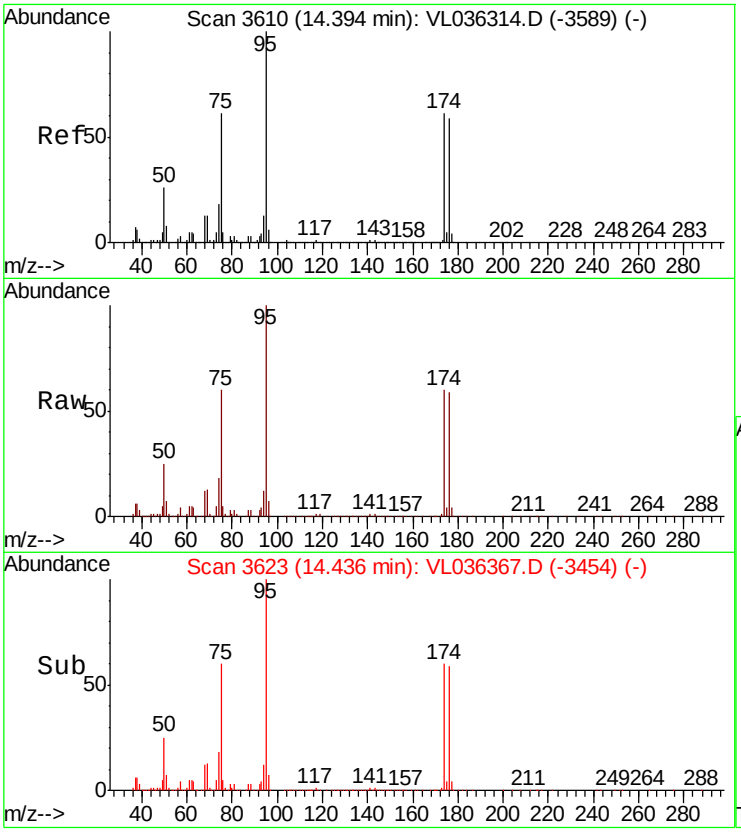


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Tgt Ion:117 Resp: 3295847

Ion	Ratio	Lower	Upper
117	100		
82	73.8	59.1	88.7
119	34.2	46.3	69.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.701 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.04 min
Lab File: VL036367.D
Acq: 25 Feb 2021 2:04

Instrument :
MSVOA_L
ClientSampleId :
NS-7DL

Tgt Ion: 95 Resp: 2630729

Ion	Ratio	Lower	Upper
95	100		
174	65.4	49.8	74.6
175	4.7	3.7	5.5