Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL042021\
Data File : VL036824.D
Acq On : 20 Apr 2021 16:36
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 21 06:37:17 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1252359	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3129093	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2734652	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	1959112	8.99	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.90%			
Target Compounds						Qvalue
9) Propene	3.02	41	3829	0.051	ppbv #	14
15) Acetone	3.88	43	32662	0.265	ppbv #	48
20) Methylene Chloride	4.35	84	35444	0.614	ppbv	95
25) Ethyl Acetate	5.70	43	22593	0.077	ppbv #	82
26) Hexane	5.70	57	29682	0.218	ppbv #	46
39) 1,2-Dichloropropane	7.19	63	809435	6.914	ppbv #	24

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

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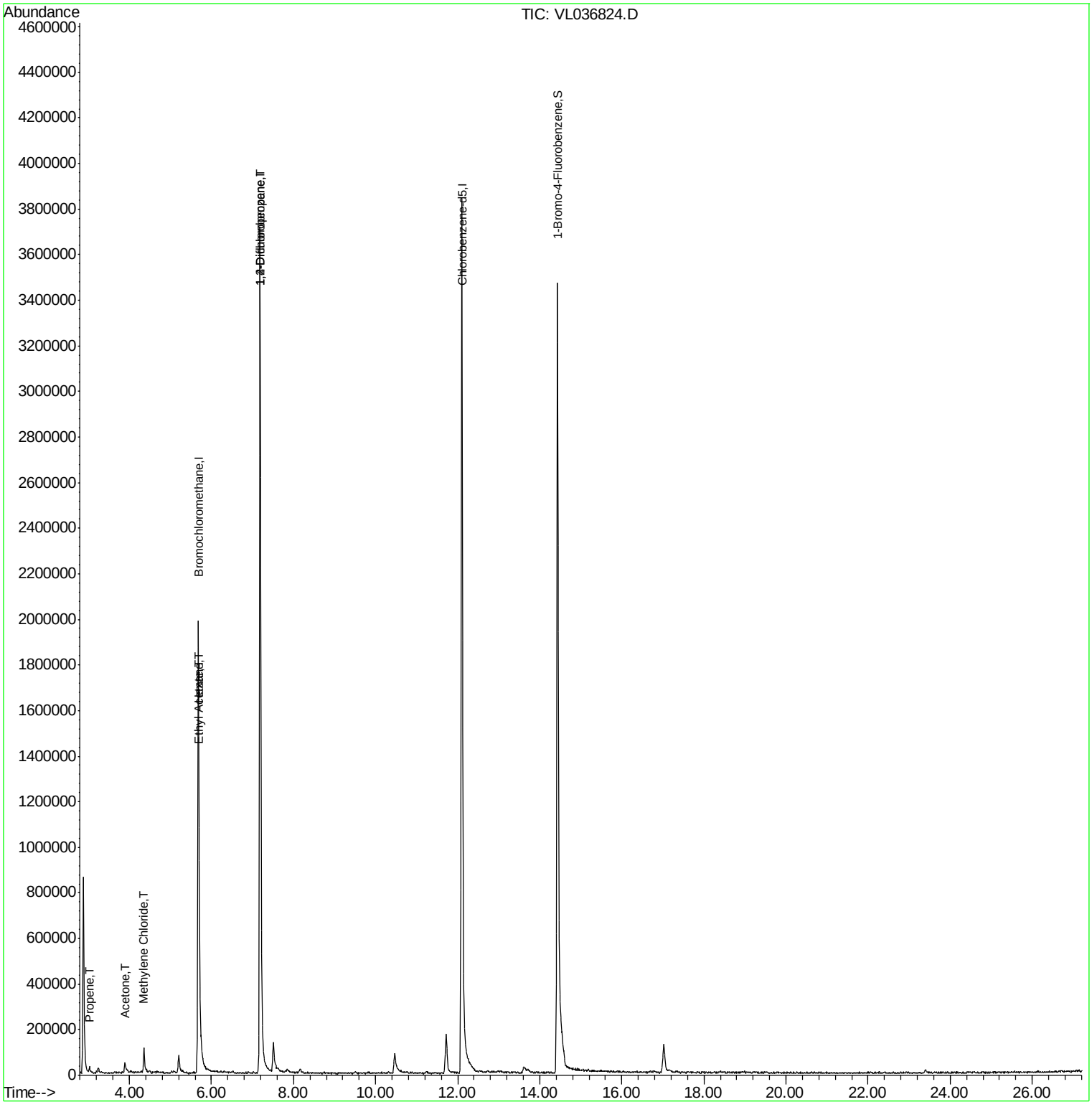
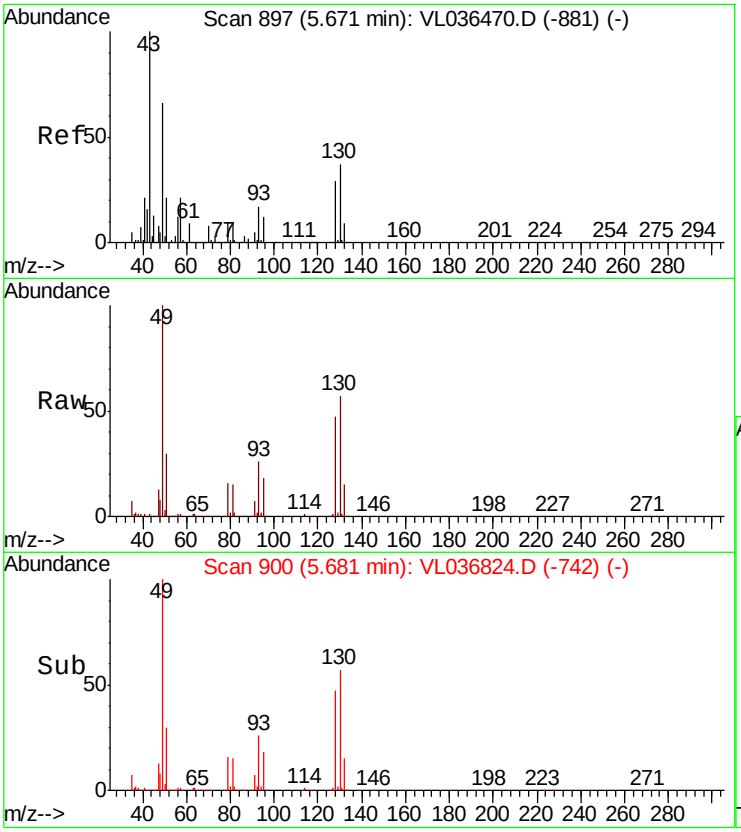


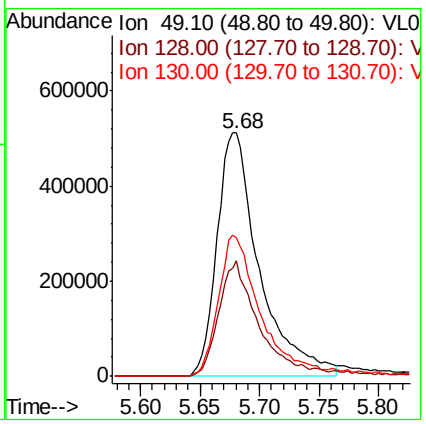


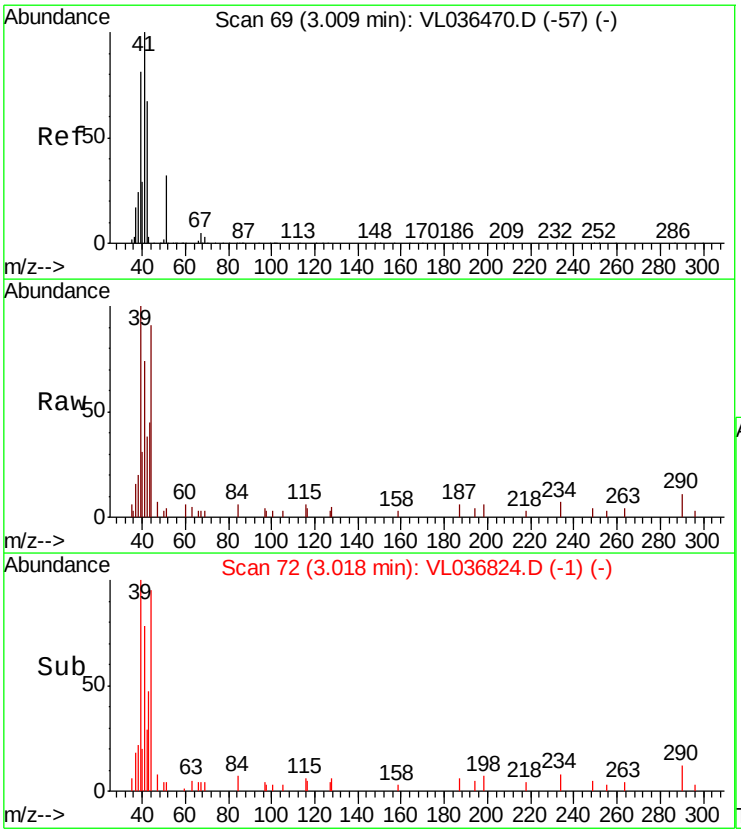
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 20 Apr 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1252359

Ion	Ratio	Lower	Upper
49	100		
128	47.8	23.5	70.6
130	60.6	29.1	87.4

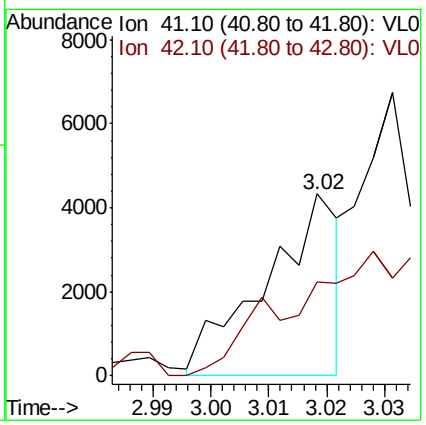


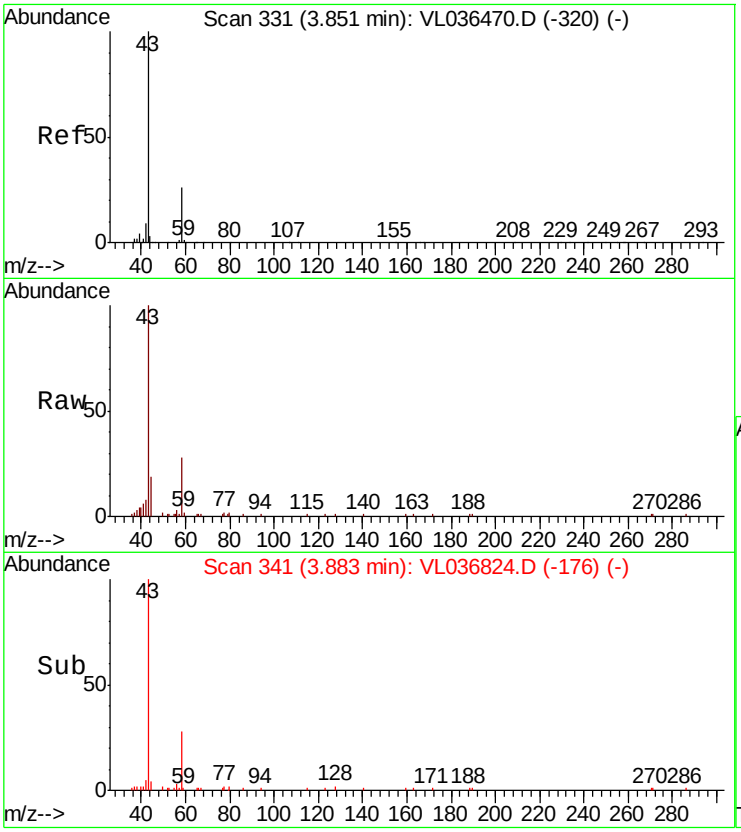


#9
Propene
Concen: 0.051 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion: 41 Resp: 3829

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4#



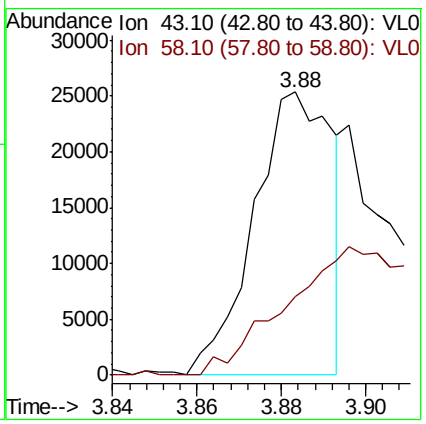


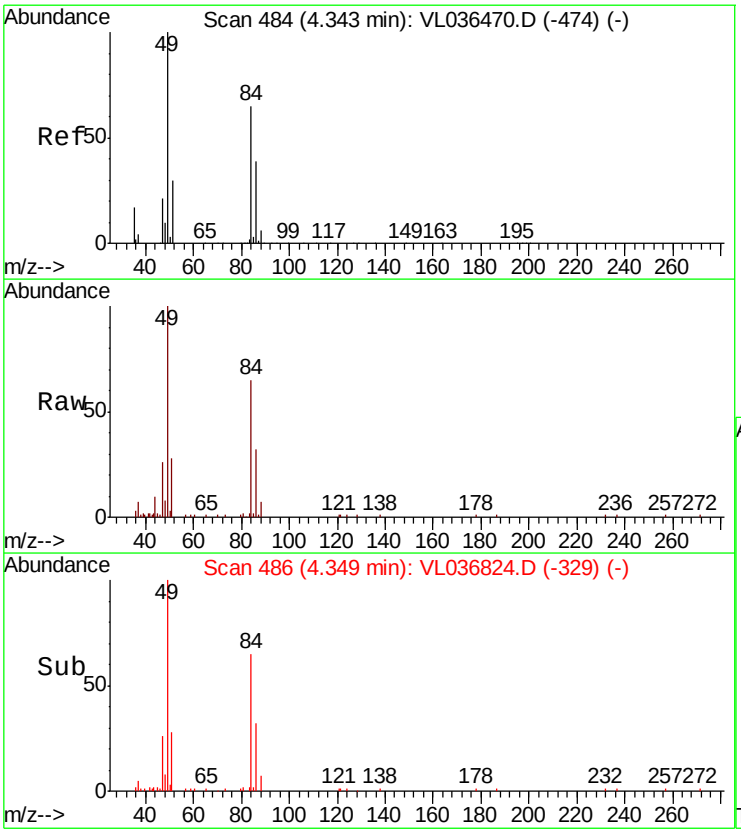
#15
Acetone
Concen: 0.265 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 20 Apr 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 32662

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#

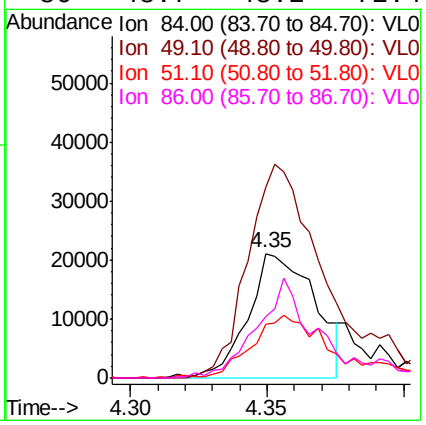


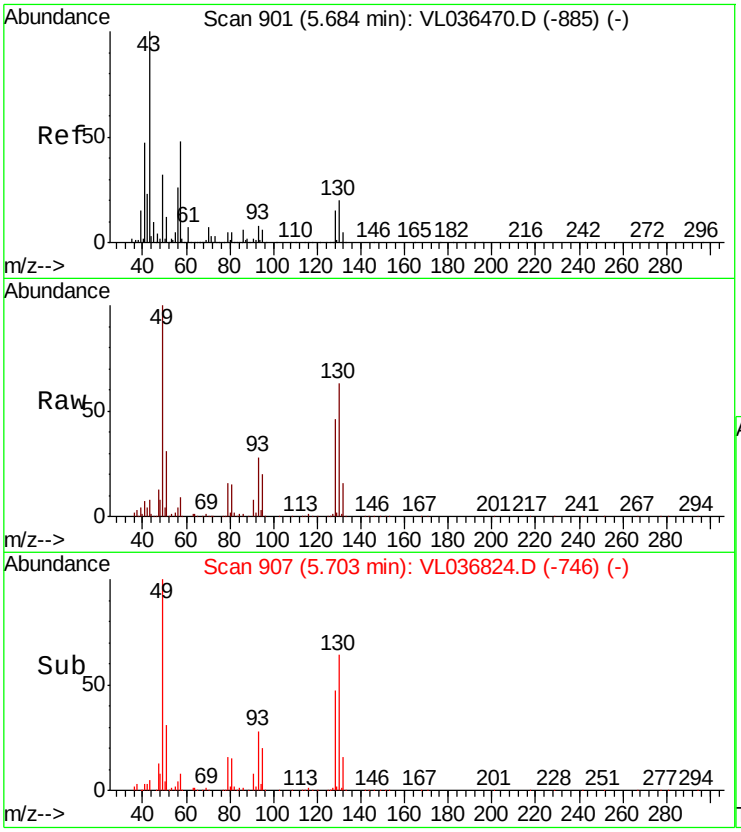


#20
Methylene Chloride
Concen: 0.614 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion: 84 Resp: 35444

Ion	Ratio	Lower	Upper
84	100		
49	154.8	122.9	184.3
51	41.1	36.9	55.3
86	48.7	48.2	72.4



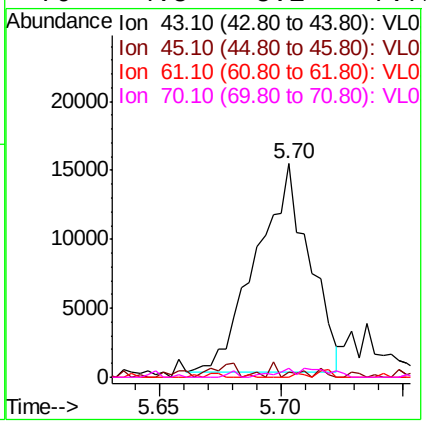


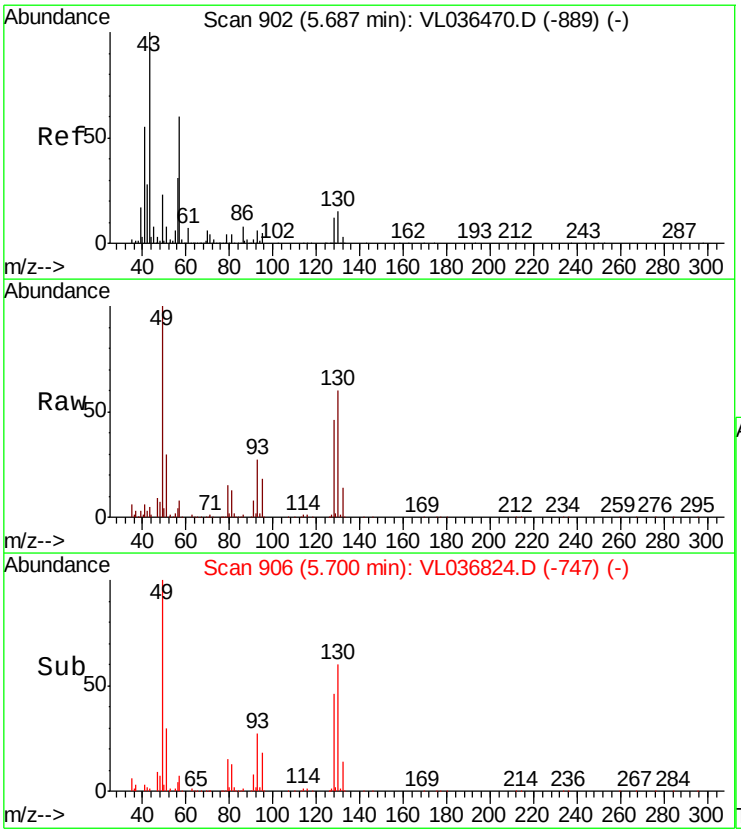
#25
Ethyl Acetate
Concen: 0.077 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 20 Apr 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 22593

Ion	Ratio	Lower	Upper
43	100		
45	2.7	7.9	11.9#
61	0.0	7.4	11.2#
70	4.5	5.1	7.7#

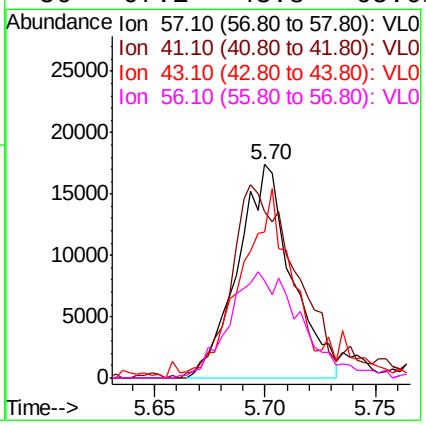


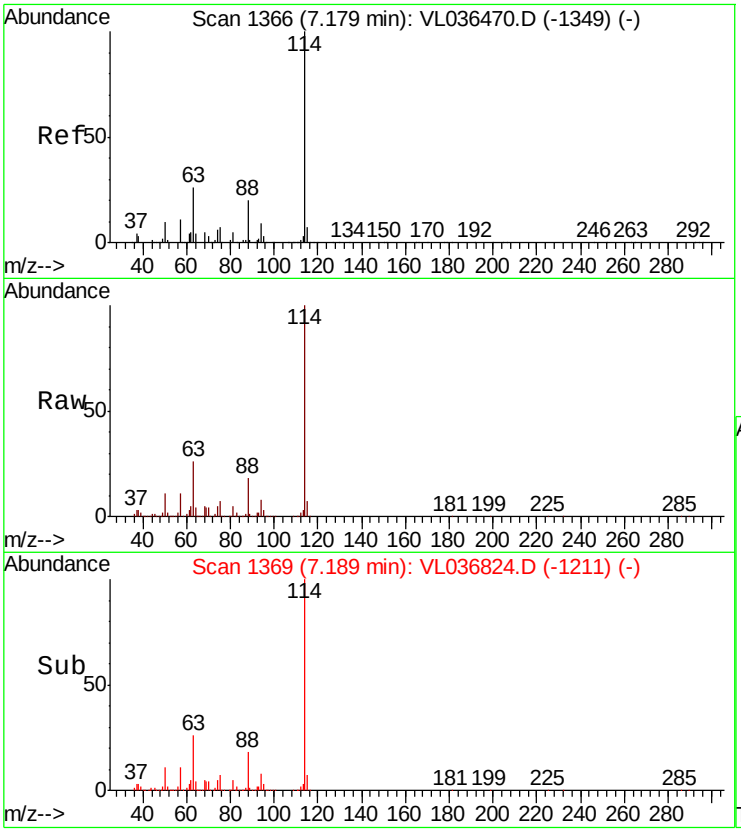


#26
Hexane
Concen: 0.218 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion: 57 Resp: 29682

Ion	Ratio	Lower	Upper
57	100		
41	121.6	77.2	115.8#
43	97.3	173.8	260.6#
56	67.1	43.8	65.6#



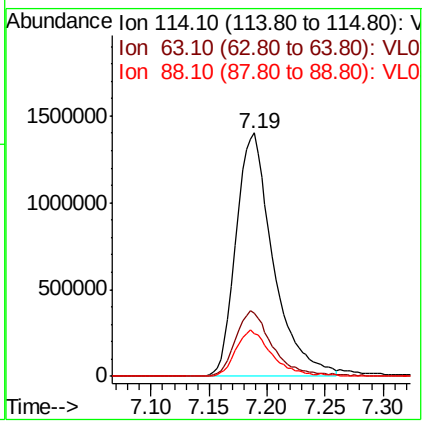


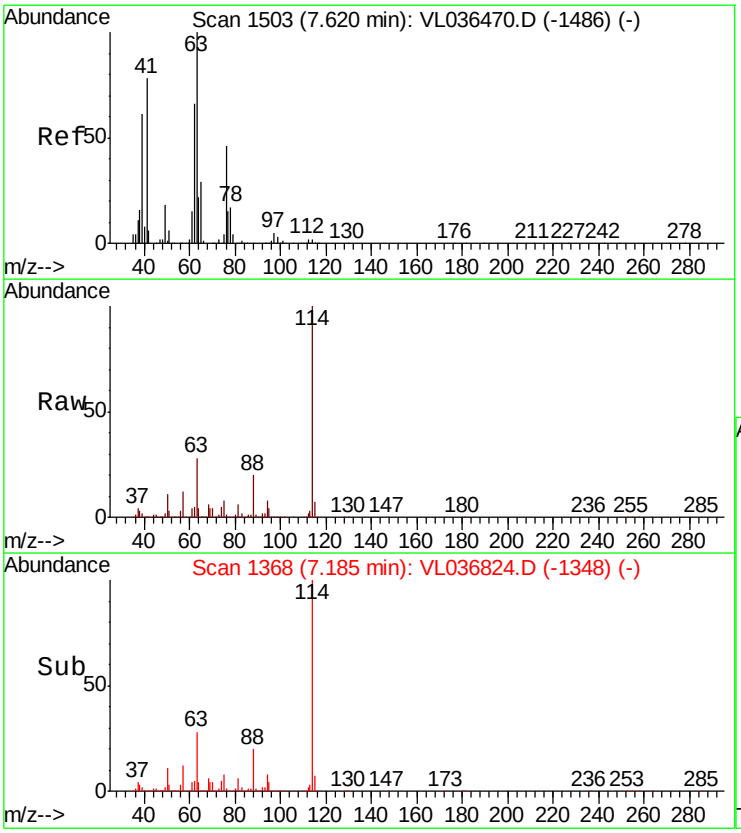
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 20 Apr 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3129093

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	19.0	15.4	23.0

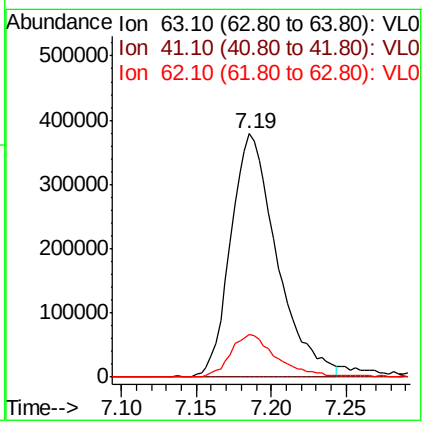


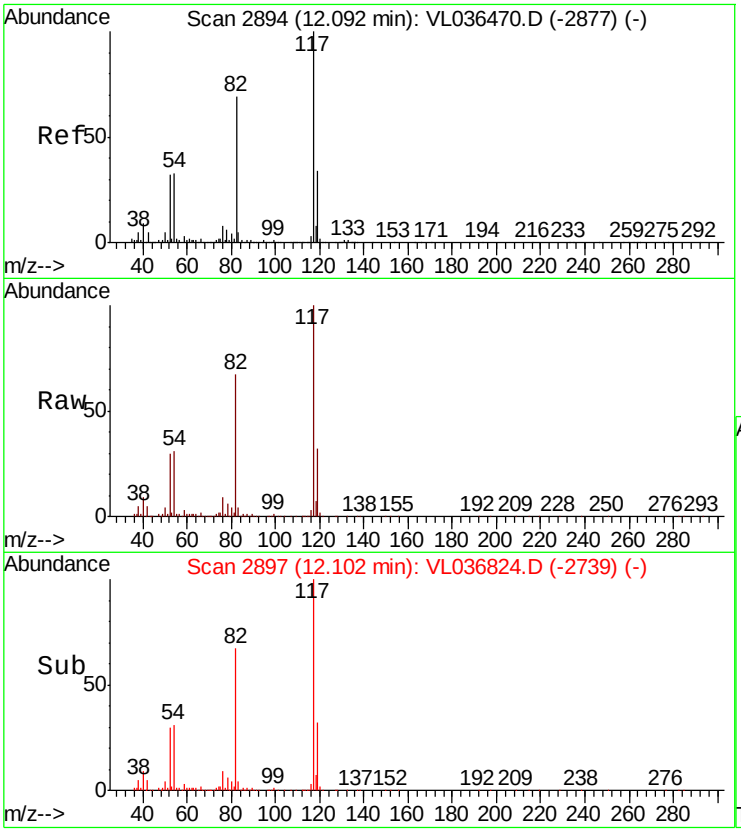


#39
1,2-Dichloropropane
Concen: 6.914 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.43 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion: 63 Resp: 809435

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.4	93.6#
62	17.4	52.8	79.2#



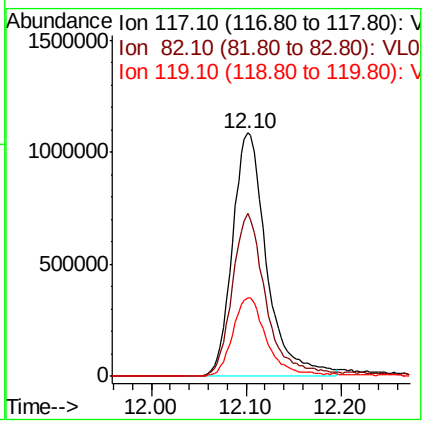


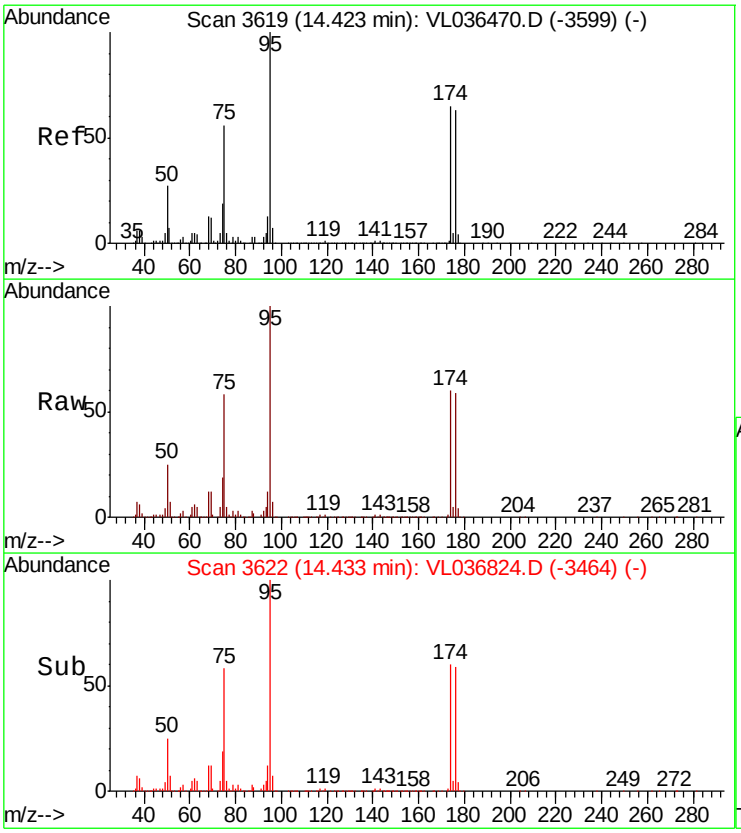
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 20 Apr 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2734652

Ion	Ratio	Lower	Upper
117	100		
82	69.2	57.4	86.0
119	33.8	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 8.989 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL036824.D
Acq: 20 Apr 2021 16:36

Tgt Ion: 95 Resp: 1959112

Ion	Ratio	Lower	Upper
95	100		
174	67.9	51.0	76.6
175	4.9	3.9	5.9