Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040921\
Data File : VL036781.D
Acq On : 9 Apr 2021 19:25
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Apr 10 02:01:40 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	5.66	49	1241189	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3073267	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2393051	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1571004	8.24	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.40%			
Target Compounds						Qvalue
15) Acetone	3.87	43	12917	0.106	ppbv #	48
20) Methylene Chloride	4.34	84	7035	0.123	ppbv #	62
30) Cyclohexane	7.15	84	10969	0.100	ppbv #	1
39) 1,2-Dichloropropane	7.16	63	817031	7.106	ppbv #	23

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

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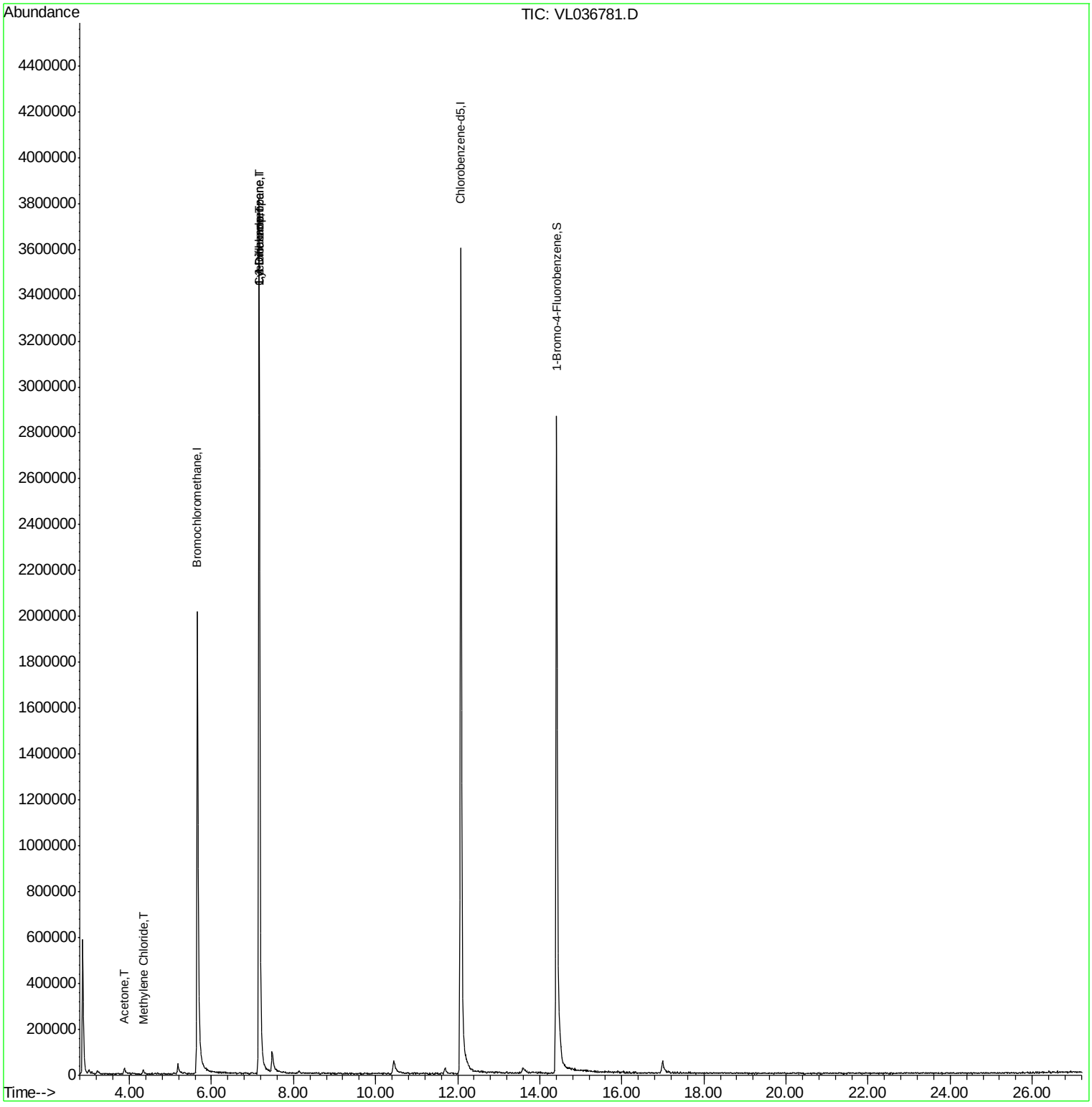
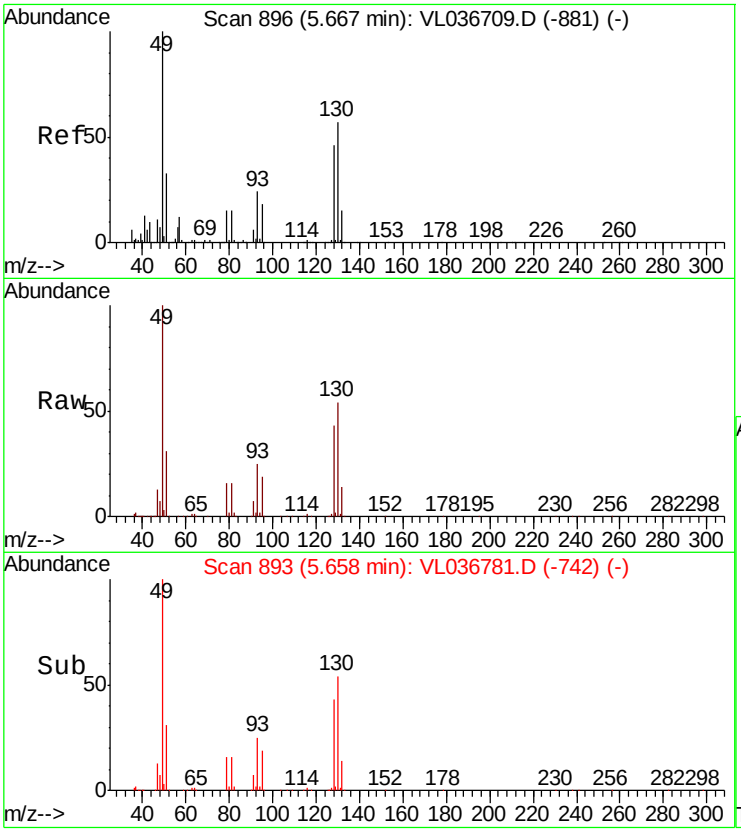


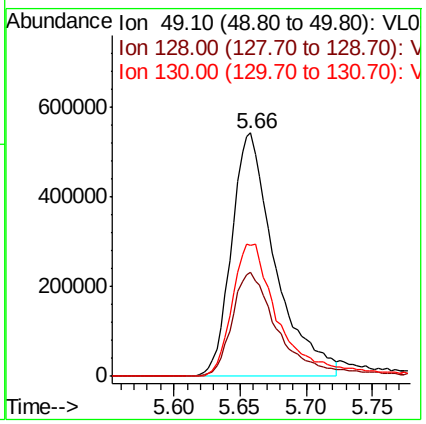


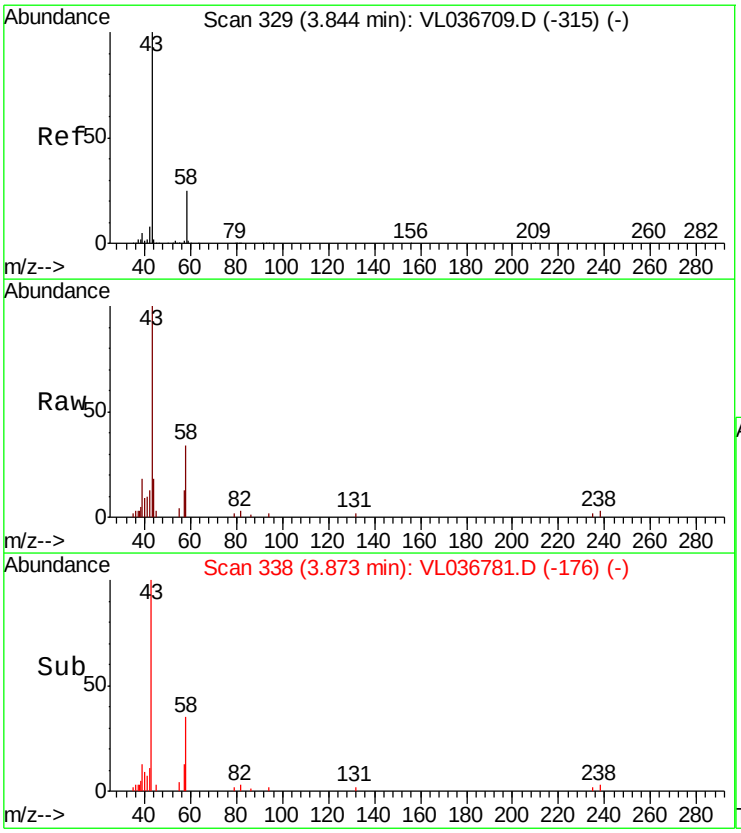
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1241189

Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.5	70.6
130	60.5	29.1	87.4

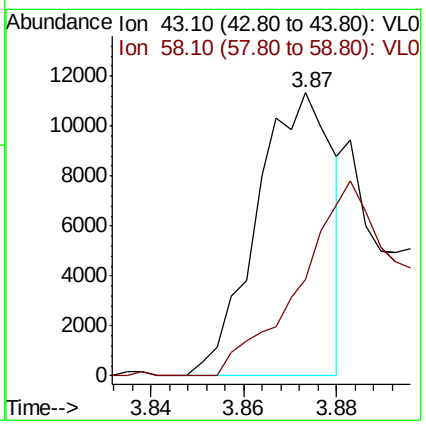


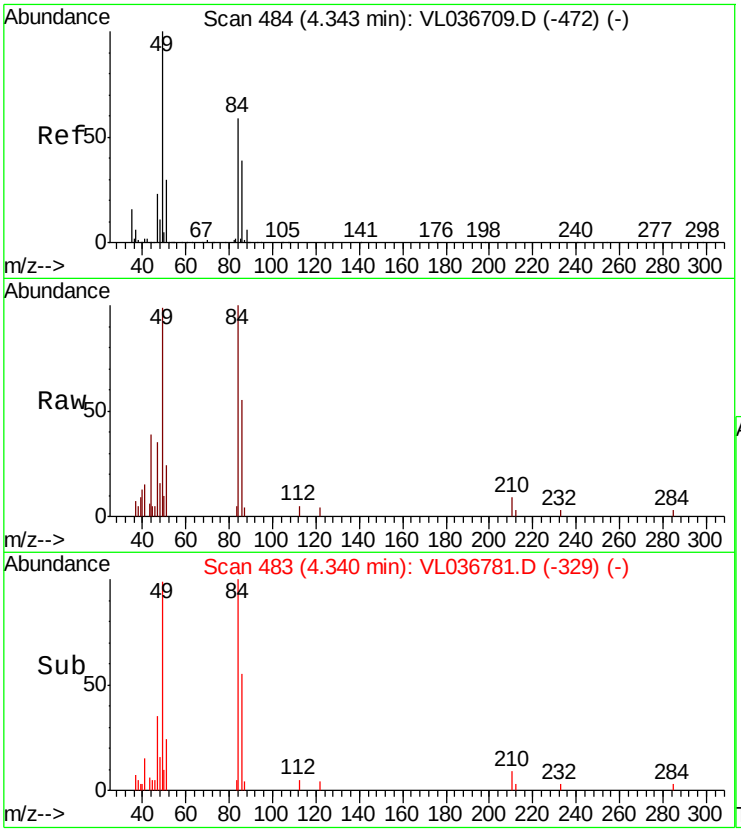


#15
Acetone
Concen: 0.106 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Tgt Ion: 43 Resp: 12917

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#



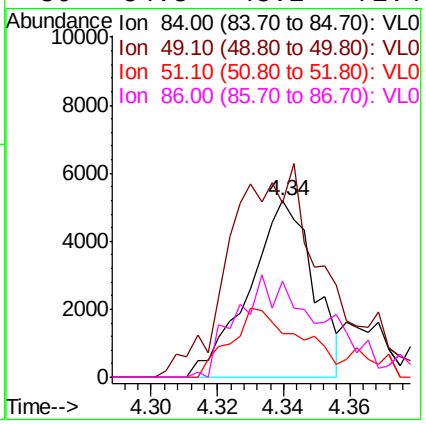


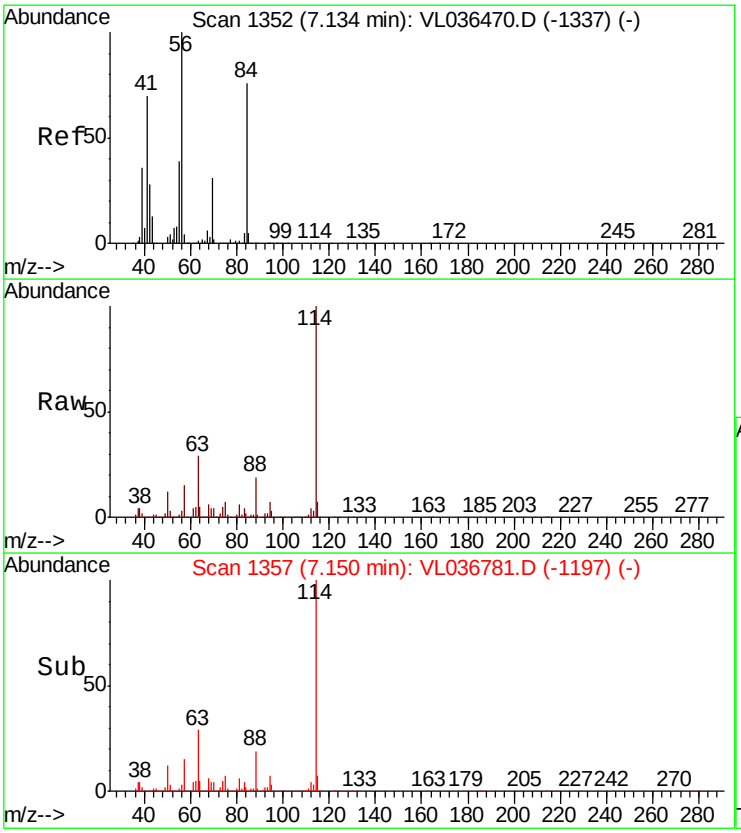
#20
Methylene Chloride
Concen: 0.123 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 7035

Ion	Ratio	Lower	Upper
84	100		
49	87.7	122.9	184.3#
51	24.5	36.9	55.3#
86	54.8	48.2	72.4

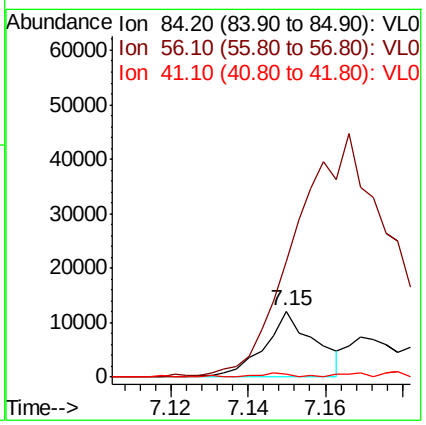


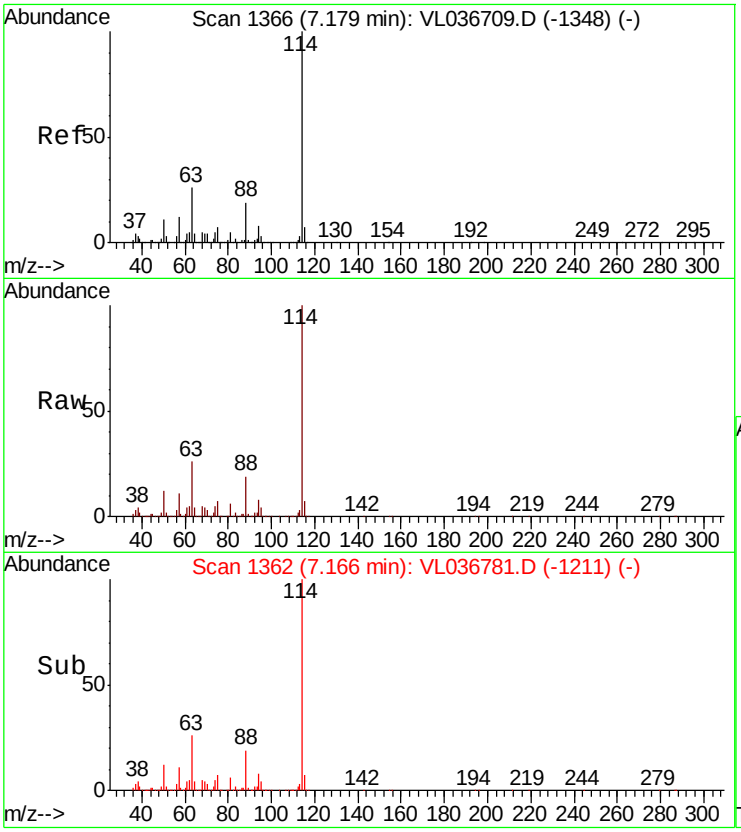


#30
Cyclohexane
Concen: 0.100 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Tgt Ion: 84 Resp: 10969

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#



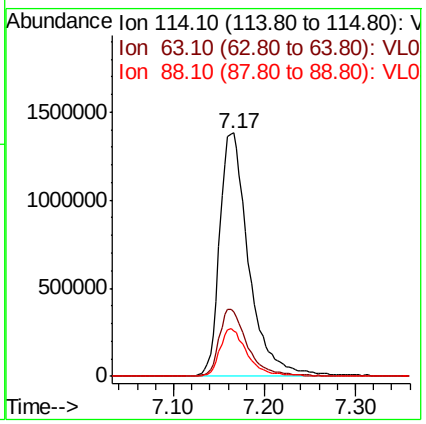


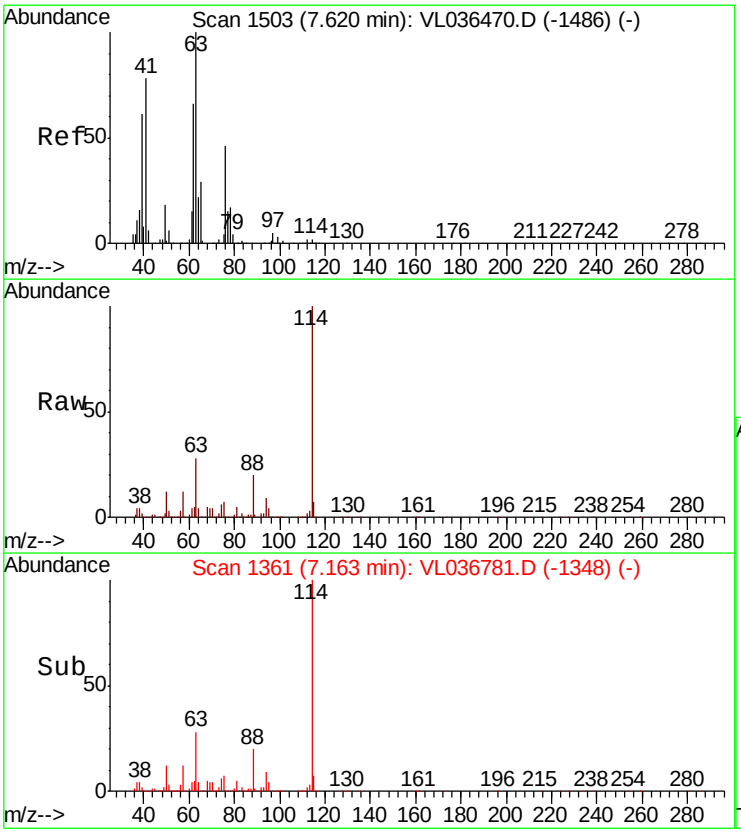
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 3073267

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.9	15.4	23.0

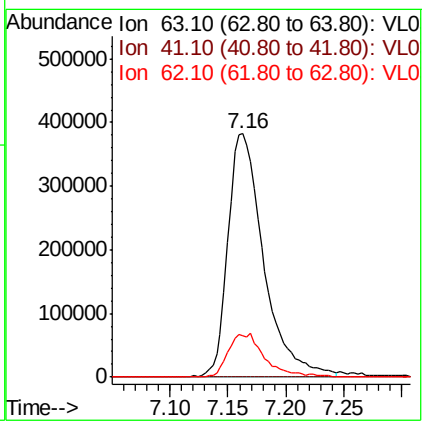


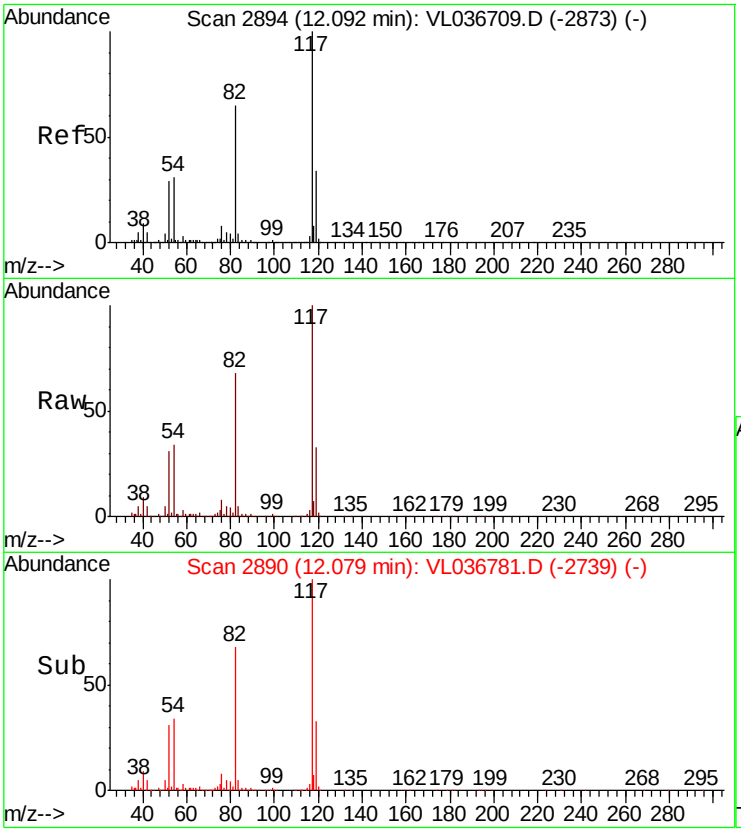


#39
1,2-Dichloropropane
Concen: 7.106 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Tgt Ion: 63 Resp: 817031

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.4	93.6#
62	16.7	52.8	79.2#



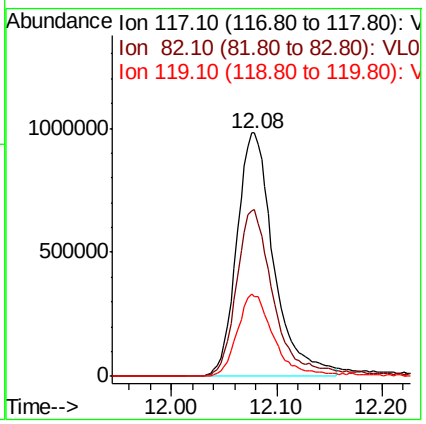


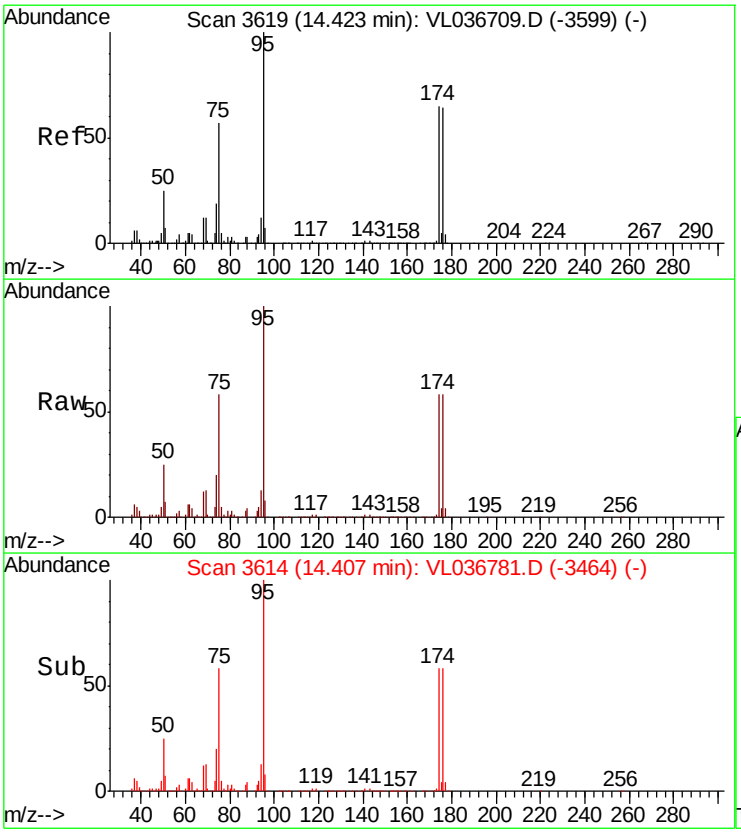
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:117 Resp: 2393051

Ion	Ratio	Lower	Upper
117	100		
82	71.6	57.4	86.0
119	34.8	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 8.237 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Tgt Ion: 95 Resp: 1571004

Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.0	76.6
175	4.6	3.9	5.9