Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120320\
Data File : VL036055.D
Acq On : 3 Dec 2020 17:48
Operator : SY/AP
Sample : VL1203ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB18

Quant Time: Dec 04 04:15:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 04 03:52:25 2020
QLast Update : Fri Dec 04 03:52:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1150292	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3984061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3671762	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2756568	9.87	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.70%			
Target Compounds						Qvalue
15) Acetone	3.86	43	25196	0.202	ppbv #	1
20) Methylene Chloride	4.33	84	22748	0.222	ppbv	92
30) Cyclohexane	7.15	84	10313	0.088	ppbv #	4
39) 1,2-Dichloropropane	7.16	63	836587	8.059	ppbv #	30
51) 2-Hexanone	10.42	43	51028	0.337	ppbv #	49

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

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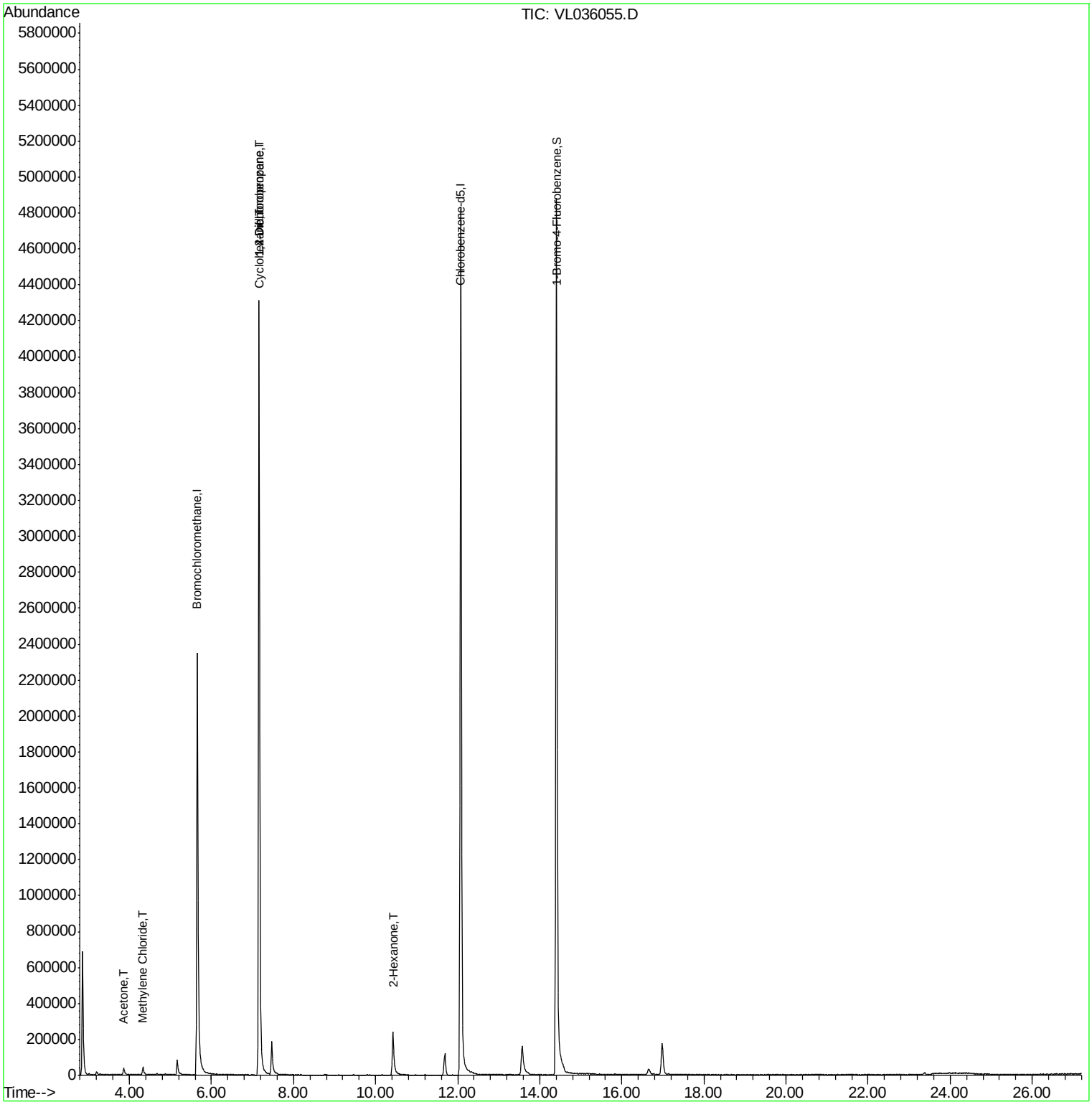
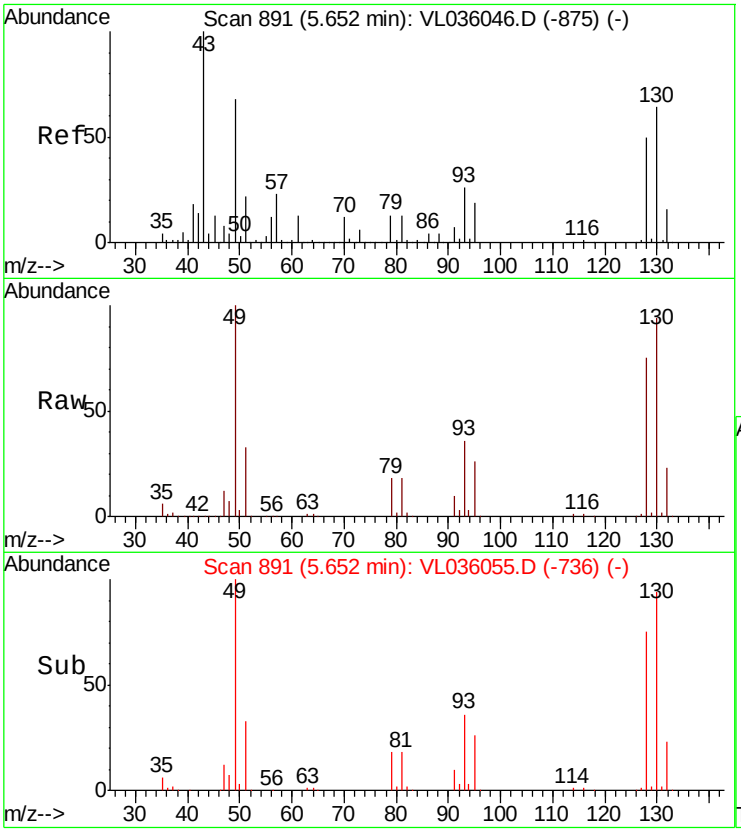
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 04 03:52:25 2020
QLast Update : Fri Dec 04 03:52:25 2020
Response via : Initial Calibration



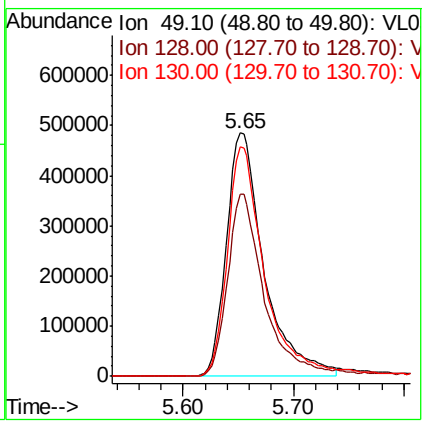


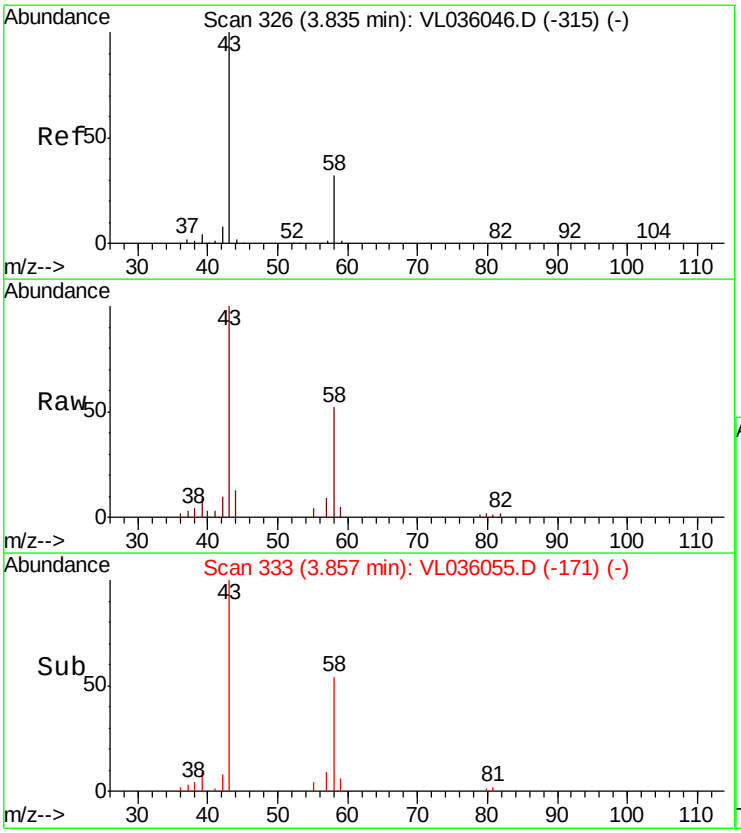
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Instrument :
MSVOA_L
ClientSampleId :
BFB18

Tgt Ion: 49 Resp: 1150292

Ion	Ratio	Lower	Upper
49	100		
128	75.7	38.3	114.8
130	96.4	49.1	147.4

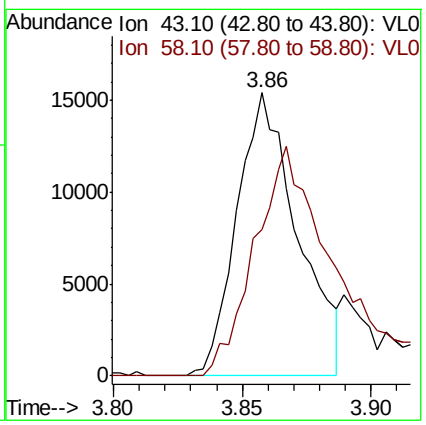


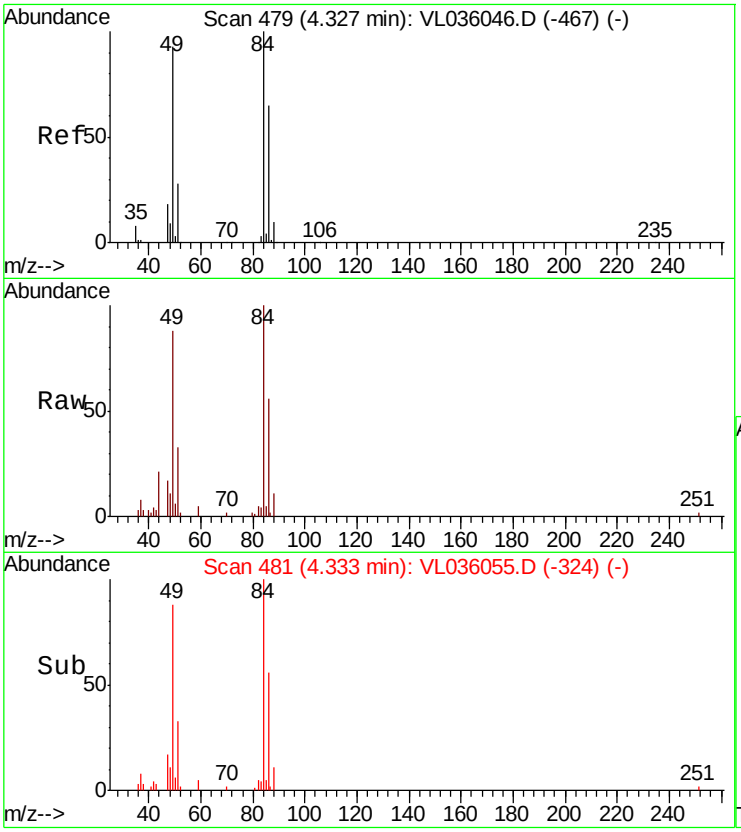


#15
Acetone
Concen: 0.202 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Tgt Ion: 43 Resp: 25196

Ion	Ratio	Lower	Upper
43	100		
58	120.1	27.0	40.6#



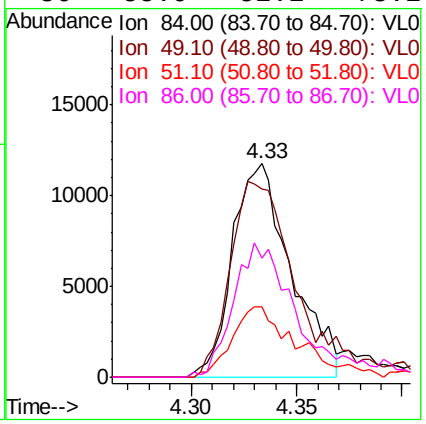


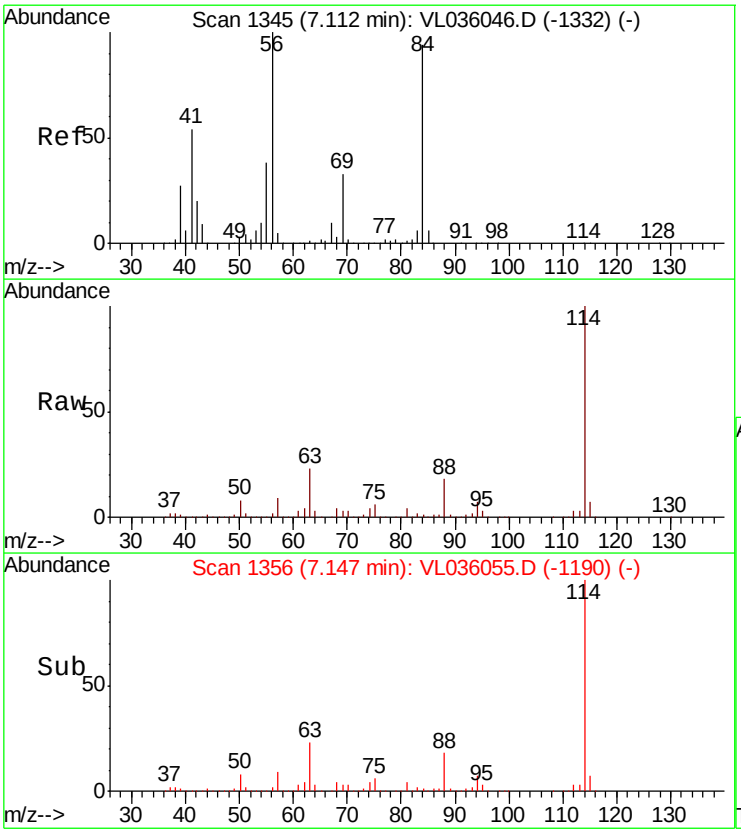
#20
Methylene Chloride
Concen: 0.222 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Instrument : MSVOA_L
ClientSampleId : BFB18

Tgt Ion: 84 Resp: 22748

Ion	Ratio	Lower	Upper
84	100		
49	88.3	74.4	111.6
51	33.2	22.5	33.7
86	55.9	52.2	78.2

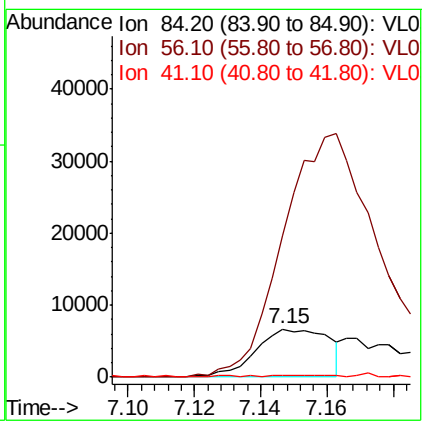


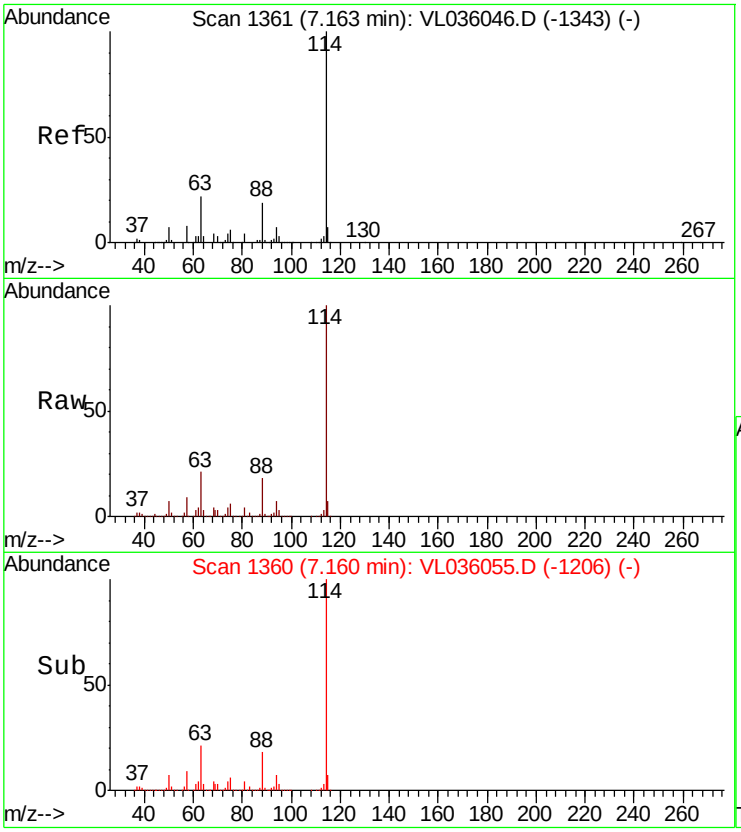


#30
Cyclohexane
Concen: 0.088 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.04 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Tgt Ion: 84 Resp: 10313

Ion	Ratio	Lower	Upper
84	100		
56	0.0	89.9	134.9#
41	0.0	46.1	69.1#



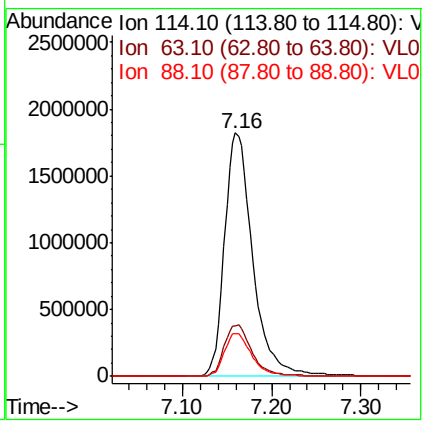


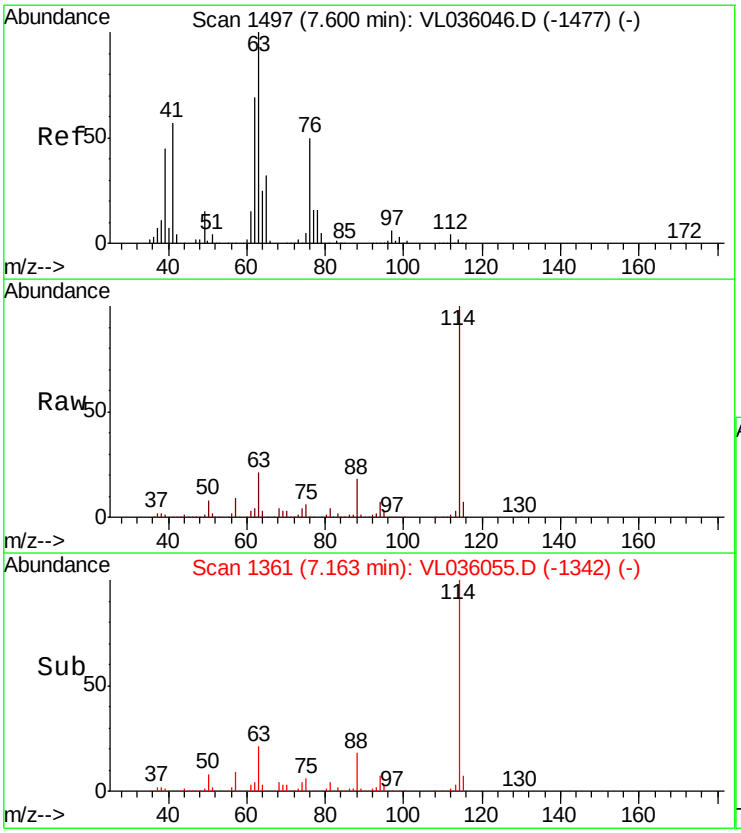
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Instrument :
MSVOA_L
ClientSampleId :
BFB18

Tgt Ion:114 Resp: 3984061

Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.2	25.8
88	17.5	14.0	21.0

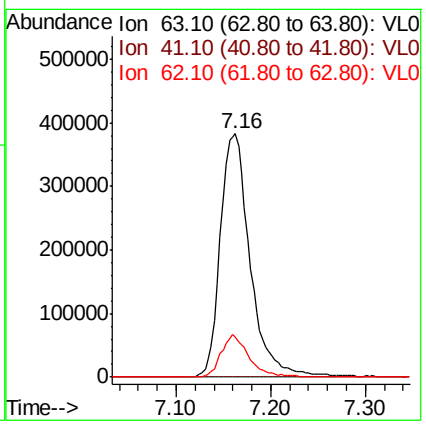


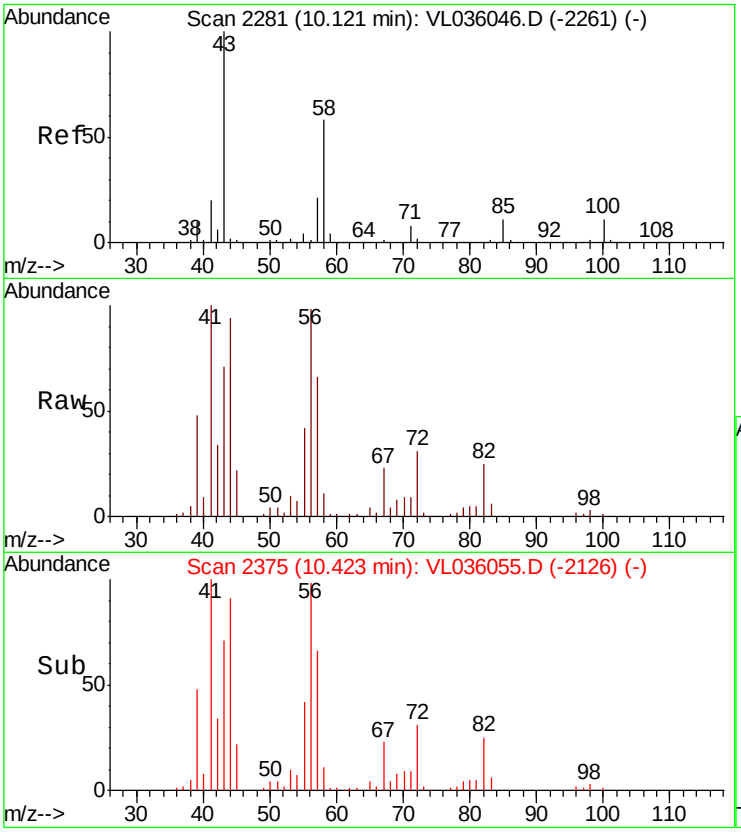


#39
1,2-Dichloropropane
Concen: 8.059 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.44 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Tgt Ion: 63 Resp: 836587

Ion	Ratio	Lower	Upper
63	100		
41	0.0	45.4	68.0#
62	16.7	55.3	82.9#



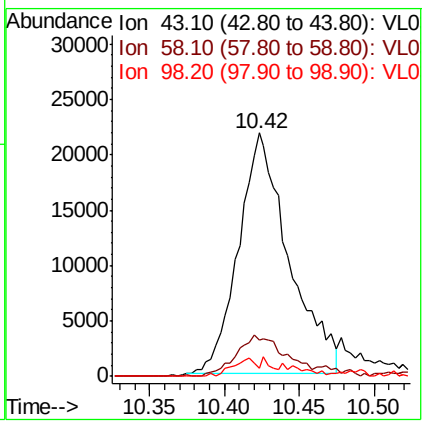


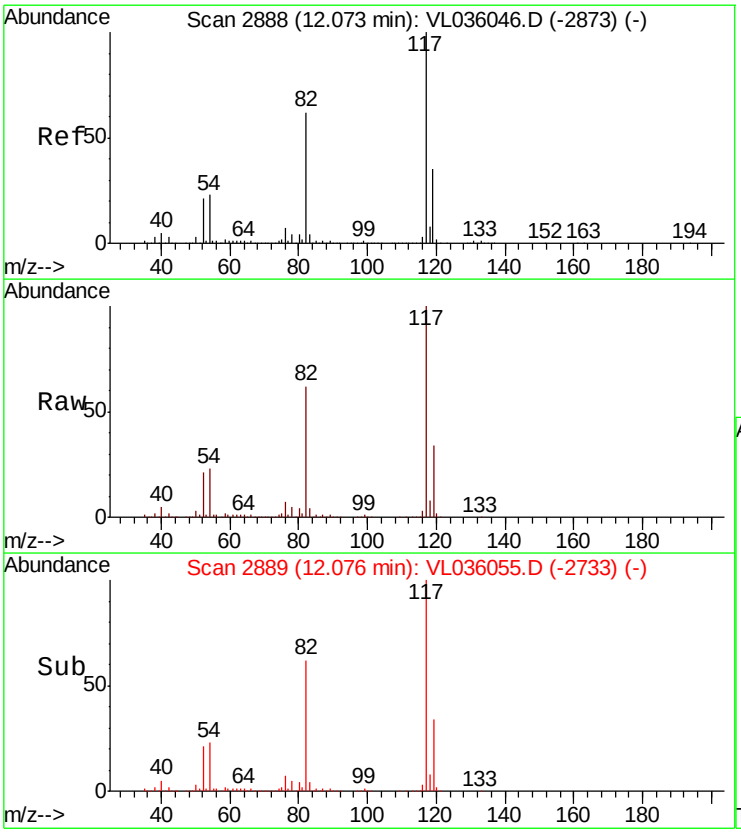
#51
2-Hexanone
Concen: 0.337 ppbv
RT: 10.42 min Scan# 2375
Delta R.T. 0.30 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Instrument :
MSVOA_L
ClientSampleId :
BFB18

Tgt Ion: 43 Resp: 51028

Ion	Ratio	Lower	Upper
43	100		
58	18.9	45.7	68.5#
98	7.6	0.8	1.2#

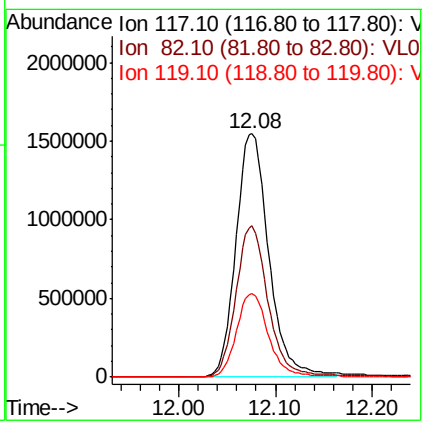


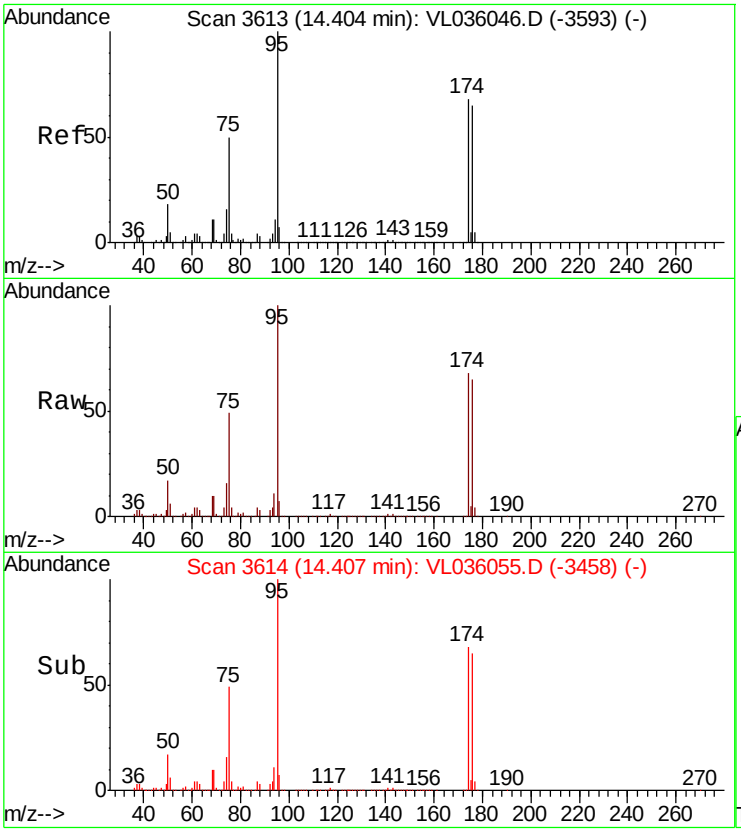


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Tgt Ion:117 Resp: 3671762

Ion	Ratio	Lower	Upper
117	100		
82	62.5	49.9	74.9
119	34.2	28.7	43.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.866 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL036055.D
Acq: 3 Dec 2020 17:48

Instrument :
MSVOA_L
ClientSampleId :
BFB18

Tgt Ion: 95 Resp: 2756568

Ion	Ratio	Lower	Upper
95	100		
174	69.5	54.2	81.2
175	5.0	3.8	5.8