Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052019\

Quantitation Report (Not Reviewed)

Data File : VL033730.D
Acq On : 20 May 2019 18:54
Operator : SY/AP
Sample : CAN 10118
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10118

Quant Time: May 21 01:33:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	996943	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2153129	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2193222	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1816416	10.22	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.02	51	1870	0.016	ppbv	100
20) Methylene Chloride	4.40	84	7564	0.142	ppbv #	89
26) Hexane	5.77	57	4401	0.042	ppbv #	36
39) 1,2-Dichloropropane	7.28	63	595465	8.155	ppbv #	24

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052019\

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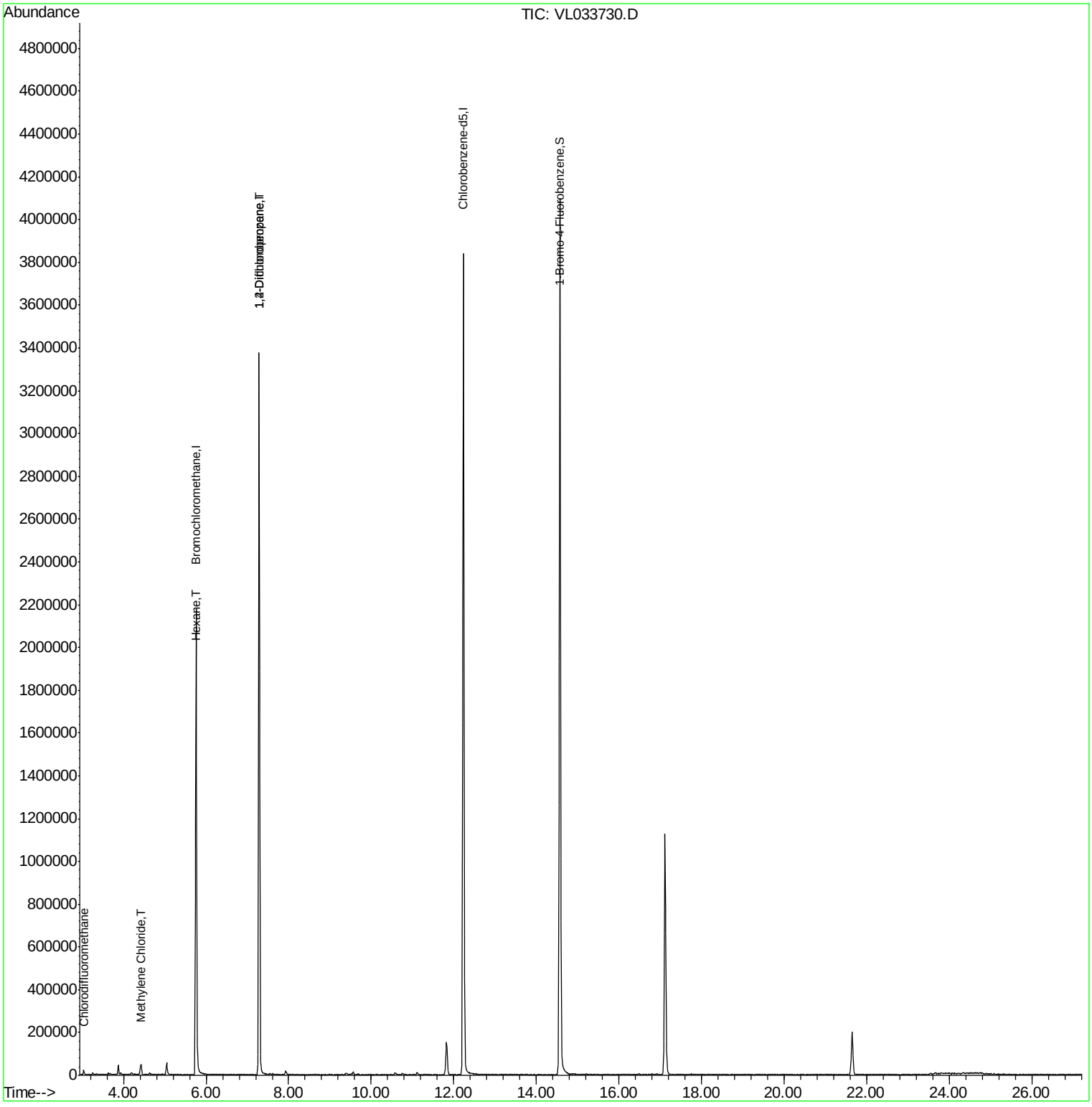
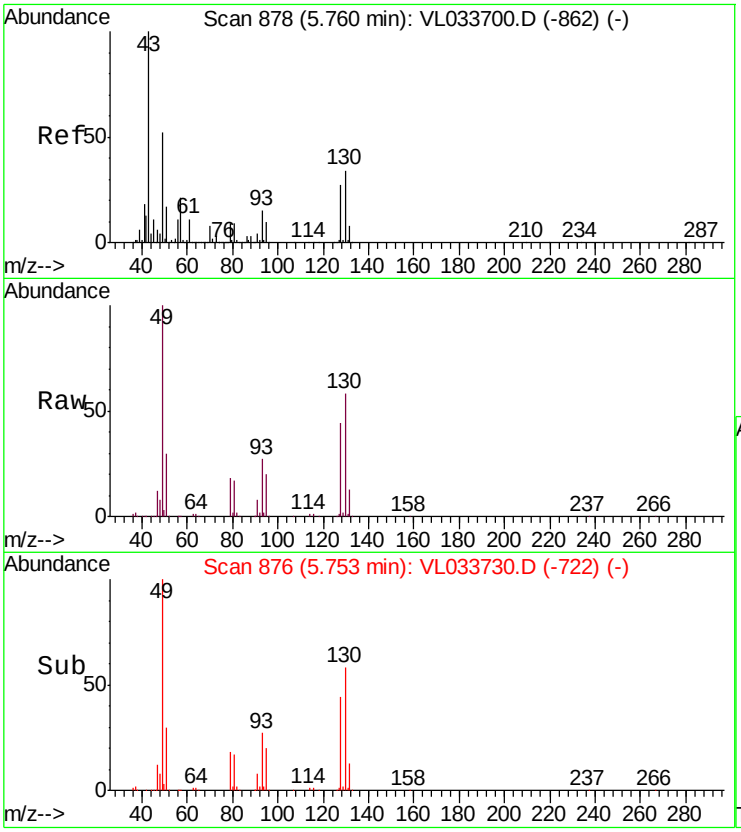
Response via : Initial Calibration



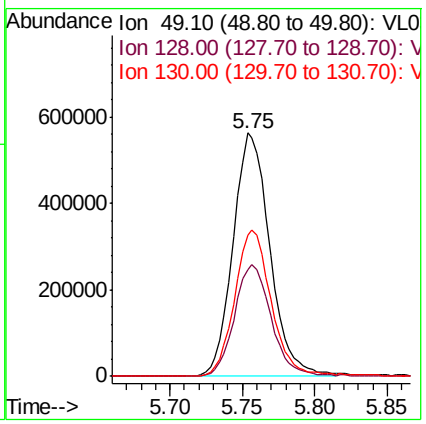


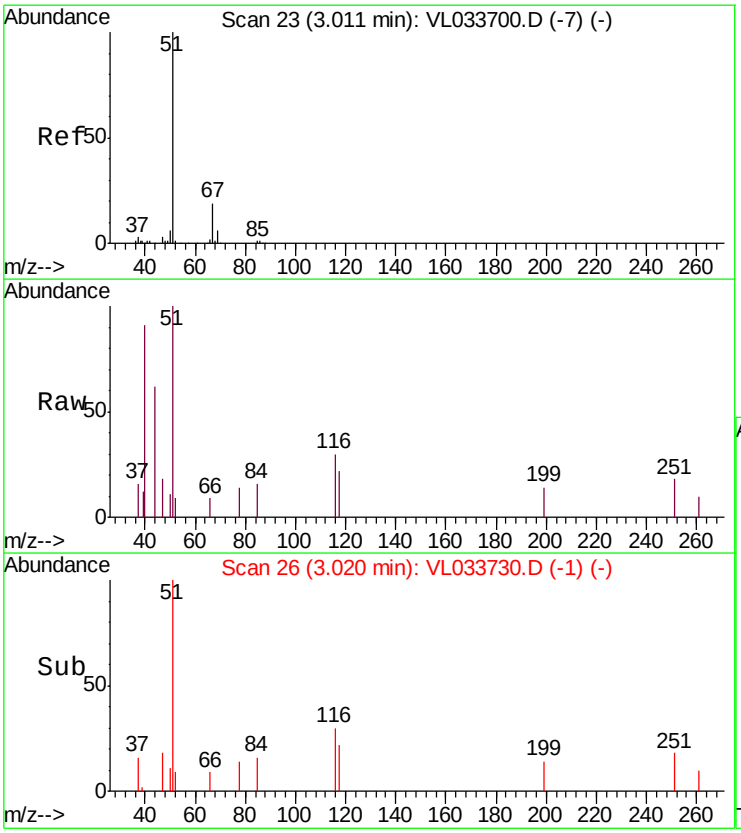
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Instrument :
MSVOA_L
ClientSampleId :
CAN 10118

Tgt Ion: 49 Resp: 996943

Ion	Ratio	Lower	Upper
49	100		
128	46.0	25.2	75.6
130	60.1	32.5	97.5

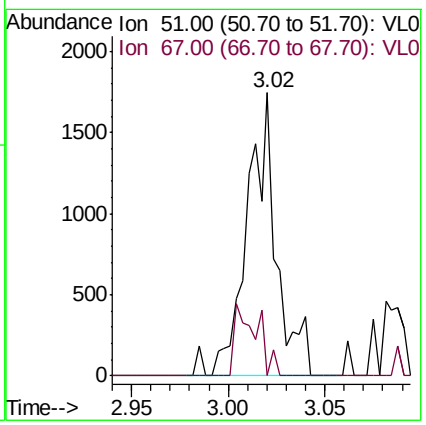


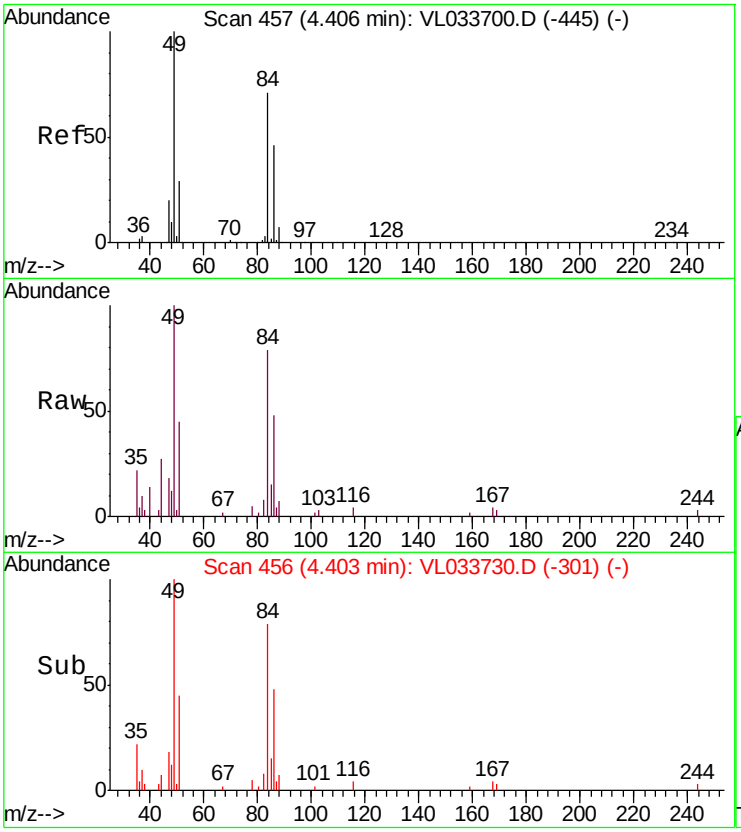


#3
Chlorodifluoromethane
Concen: 0.016 ppbv
RT: 3.02 min Scan# 26
Delta R.T. 0.01 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Tgt Ion: 51 Resp: 1870

Ion	Ratio	Lower	Upper
51	100		
67	19.3	15.6	23.4



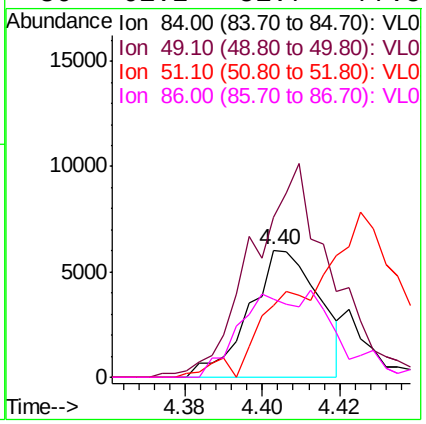


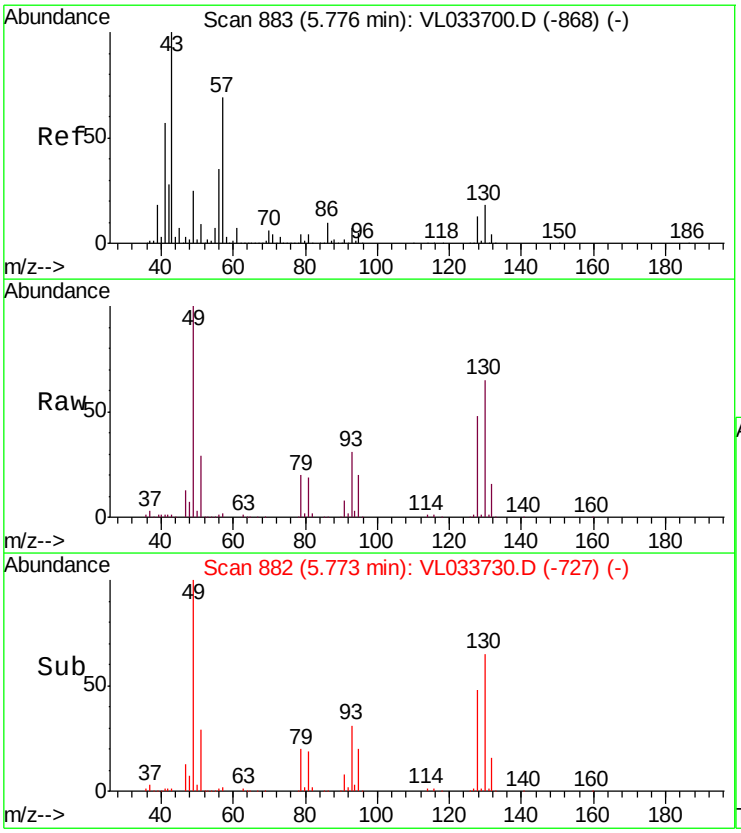
#20
Methylene Chloride
Concen: 0.142 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Instrument : MSVOA_L
ClientSampleId : CAN 10118

Tgt Ion: 84 Resp: 7564

Ion	Ratio	Lower	Upper
84	100		
49	125.8	112.8	169.2
51	53.8	33.4	50.0#
86	61.2	51.7	77.5

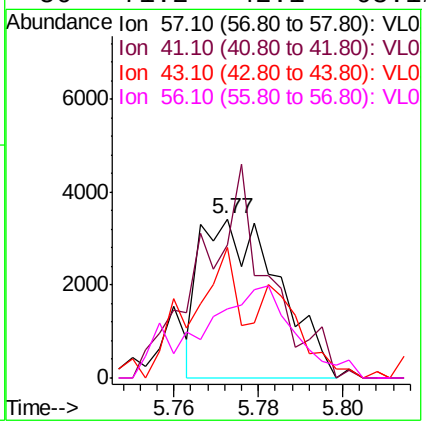


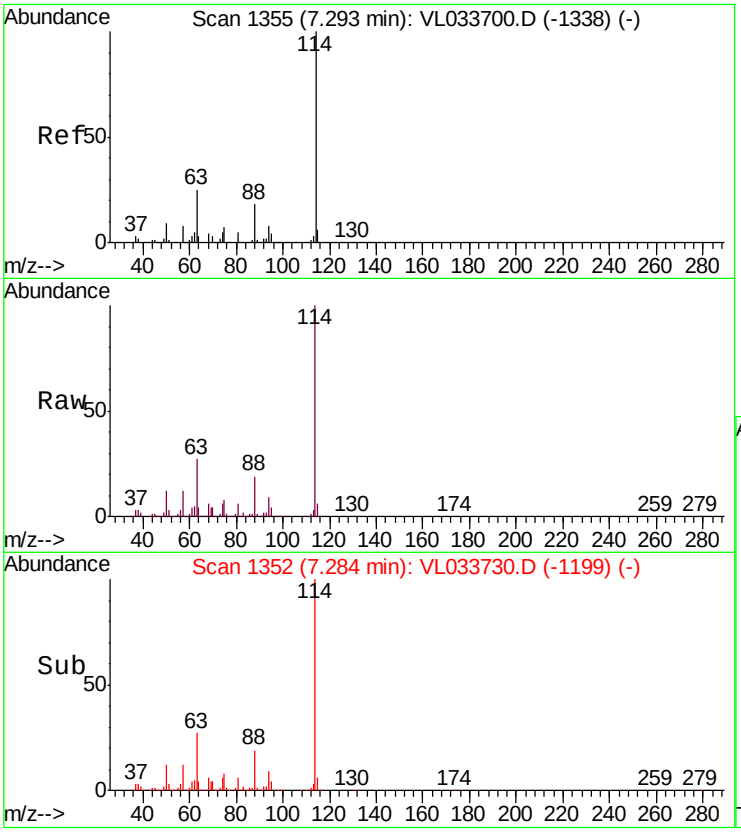


#26
Hexane
Concen: 0.042 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Tgt Ion: 57 Resp: 4401

Ion	Ratio	Lower	Upper
57	100		
41	115.9	69.8	104.6#
43	87.2	181.8	272.6#
56	71.2	42.1	63.1#



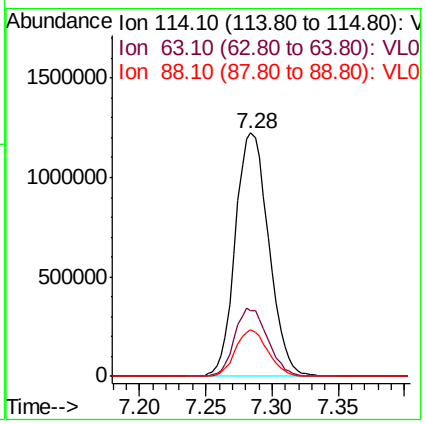


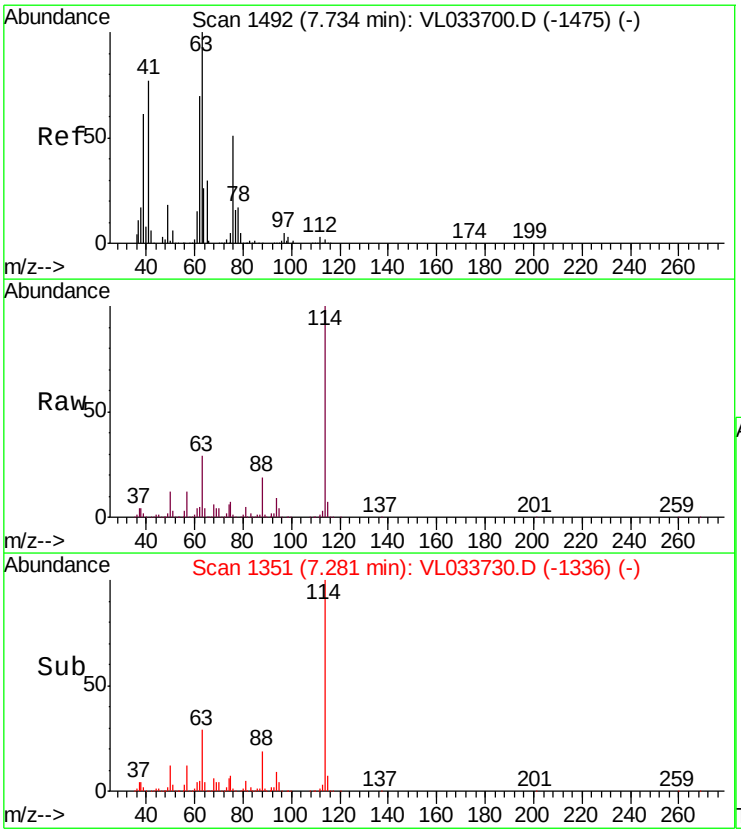
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Instrument :
MSVOA_L
ClientSampleId :
CAN 10118

Tgt Ion:114 Resp: 2153129

Ion	Ratio	Lower	Upper
114	100		
63	27.8	20.9	31.3
88	18.5	14.3	21.5

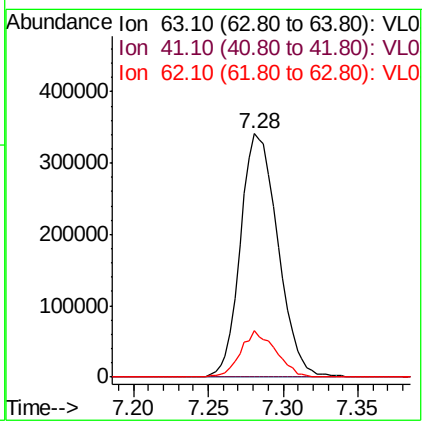


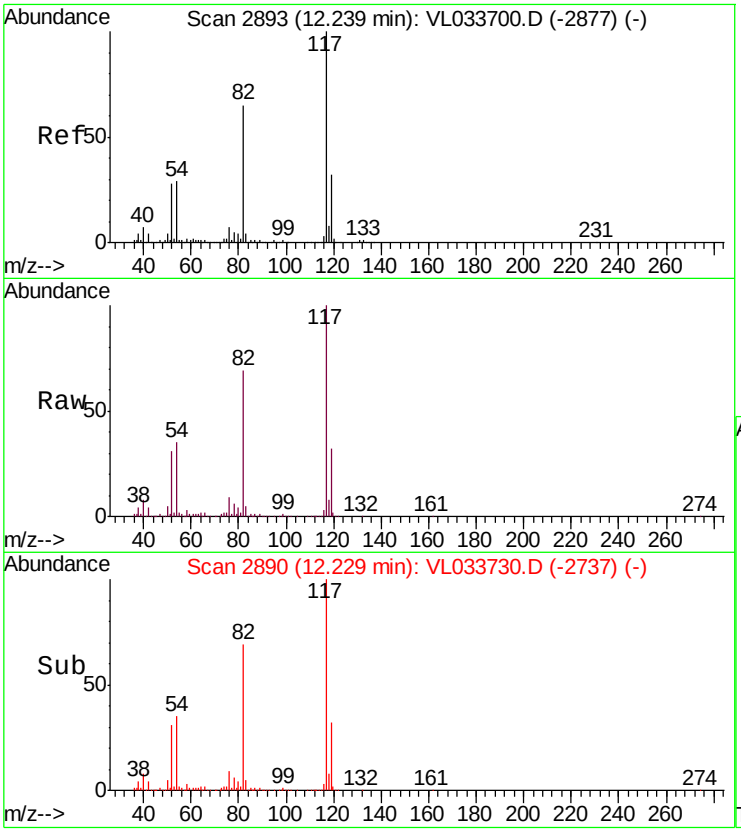


#39
1,2-Dichloropropane
Concen: 8.155 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.45 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Tgt Ion: 63 Resp: 595465

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	18.8	56.2	84.4#



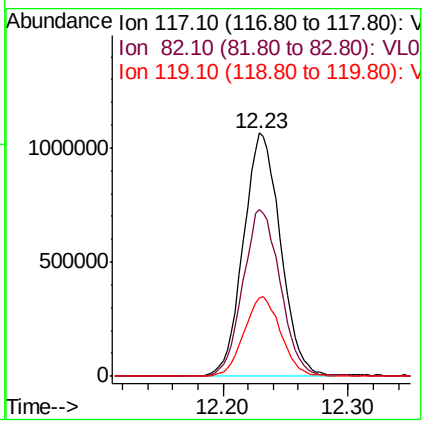


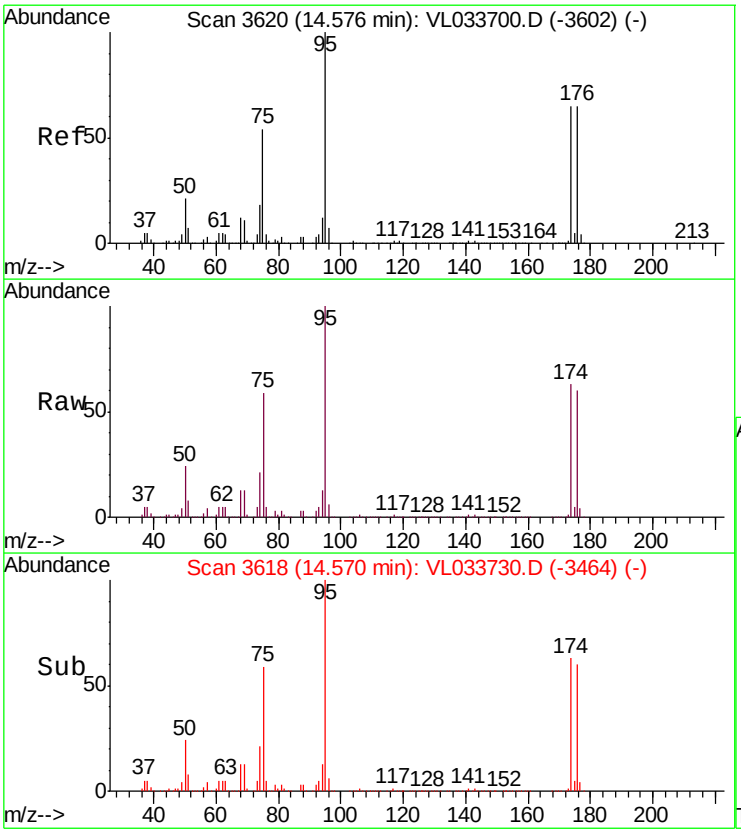
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Instrument : MSVOA_L
ClientSampleId : CAN 10118

Tgt Ion:117 Resp: 2193222

Ion	Ratio	Lower	Upper
117	100		
82	69.8	49.4	74.0
119	32.7	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.216 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033730.D
Acq: 20 May 2019 18:54

Tgt Ion: 95 Resp: 1816416

Ion	Ratio	Lower	Upper
95	100		
174	64.0	53.9	80.9
175	4.5	3.8	5.8