Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033740.D
Acq On : 22 May 2019 11:31
Operator : SY/AP
Sample : VL0522ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0522ABL01

Quant Time: May 23 04:18:32 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	999501	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2356412	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.23	117	2351583	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1889048	9.91	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.10%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	2240	0.020	ppbv	94
9) Propene	3.18	41	510	0.010	ppbv	98
11) Trichlorofluoromethane	3.88	101	3081	0.015	ppbv	96
20) Methylene Chloride	4.41	84	2387	0.045	ppbv #	37
39) 1,2-Dichloropropane	7.28	63	623037	7.796	ppbv #	23

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

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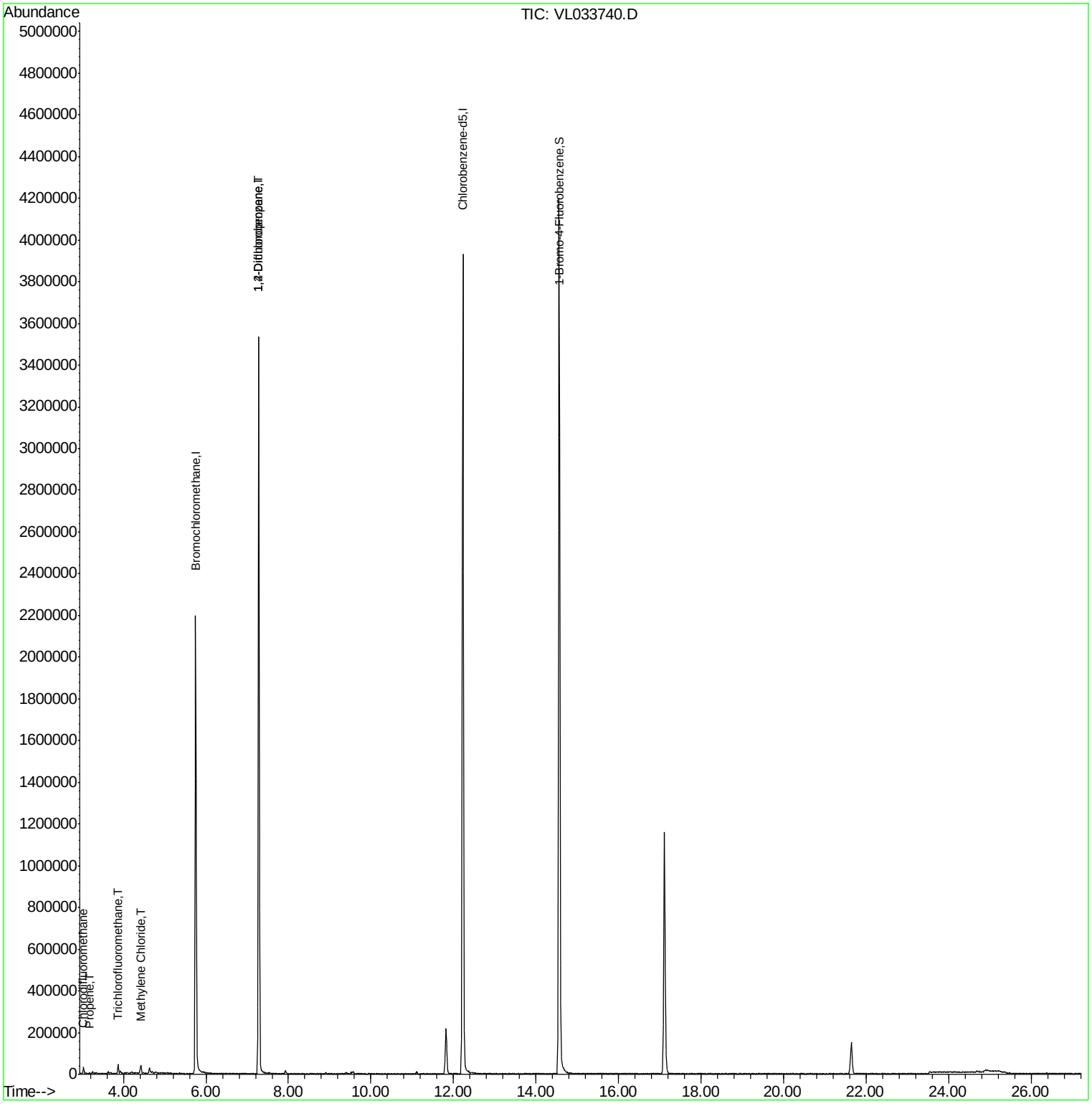
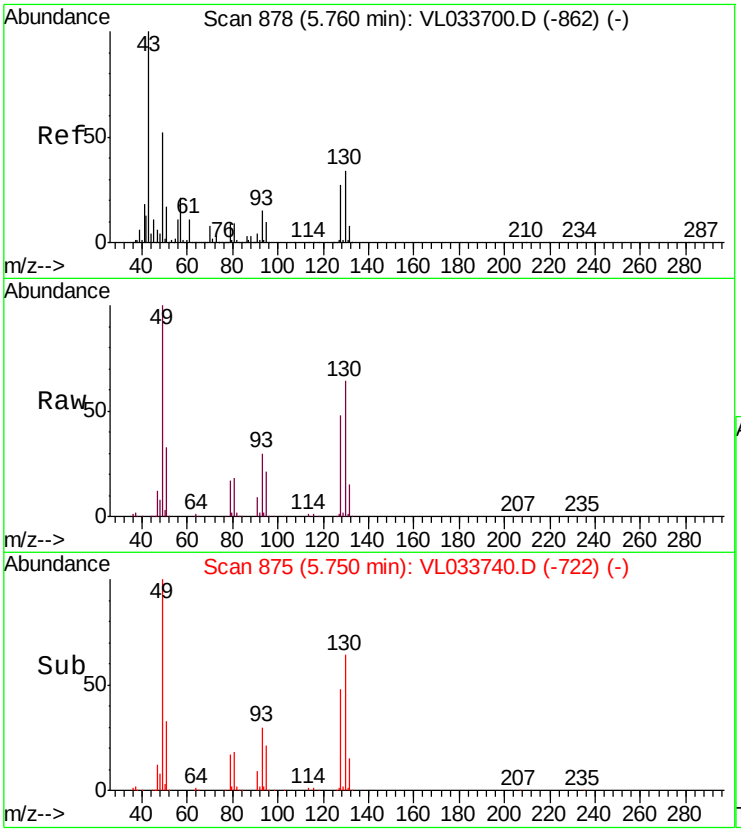


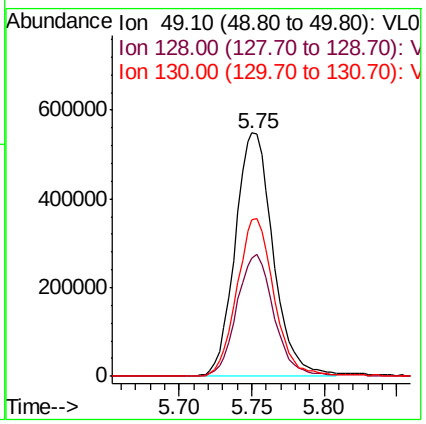


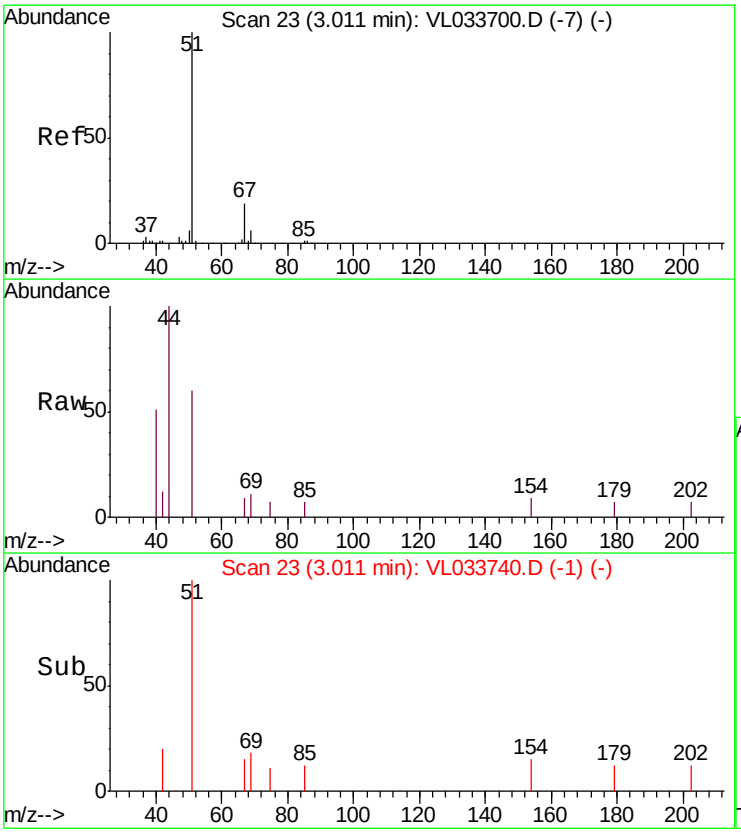
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 875
Delta R.T. -0.01 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0522ABL01

Tgt Ion: 49 Resp: 999501

Ion	Ratio	Lower	Upper
49	100		
128	49.8	25.2	75.6
130	64.1	32.5	97.5

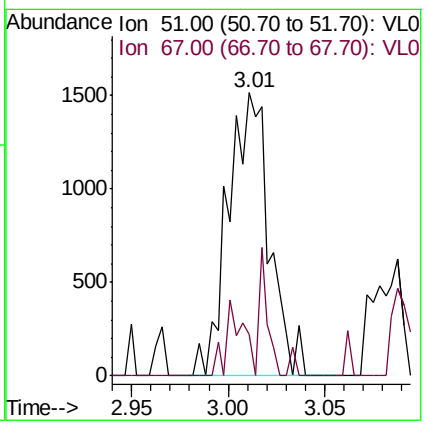


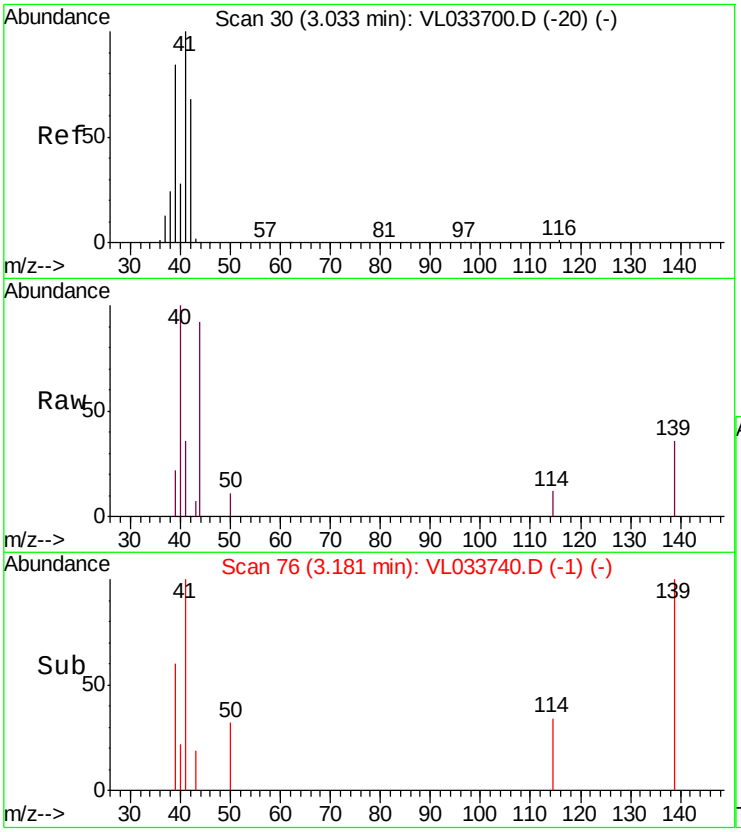


#3
Chlorodifluoromethane
Concen: 0.020 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Tgt Ion: 51 Resp: 2240

Ion	Ratio	Lower	Upper
51	100		
67	22.3	15.6	23.4



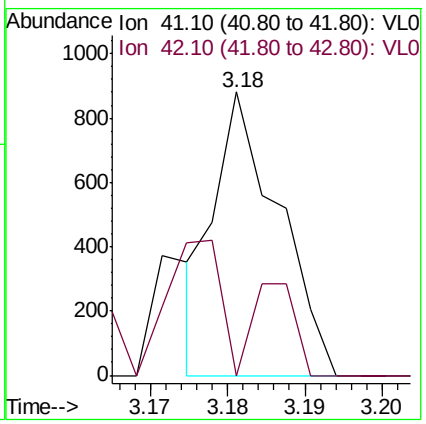


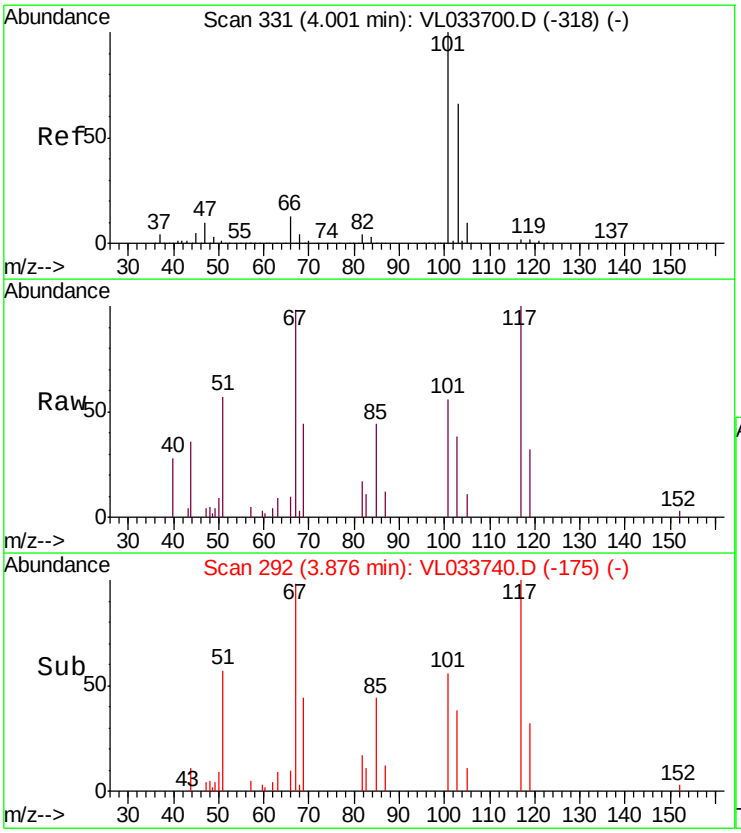
#9
Propene
Concen: 0.010 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.15 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Tgt Ion: 41 Resp: 510

Ion	Ratio	Lower	Upper
41	100		
42	68.4	56.1	84.1

Instrument :
MSVOA_L
ClientSampleId :
VL0522ABL01

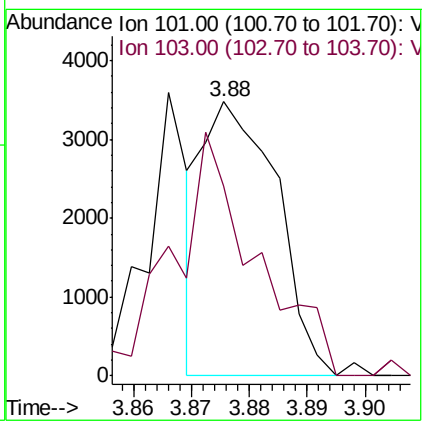


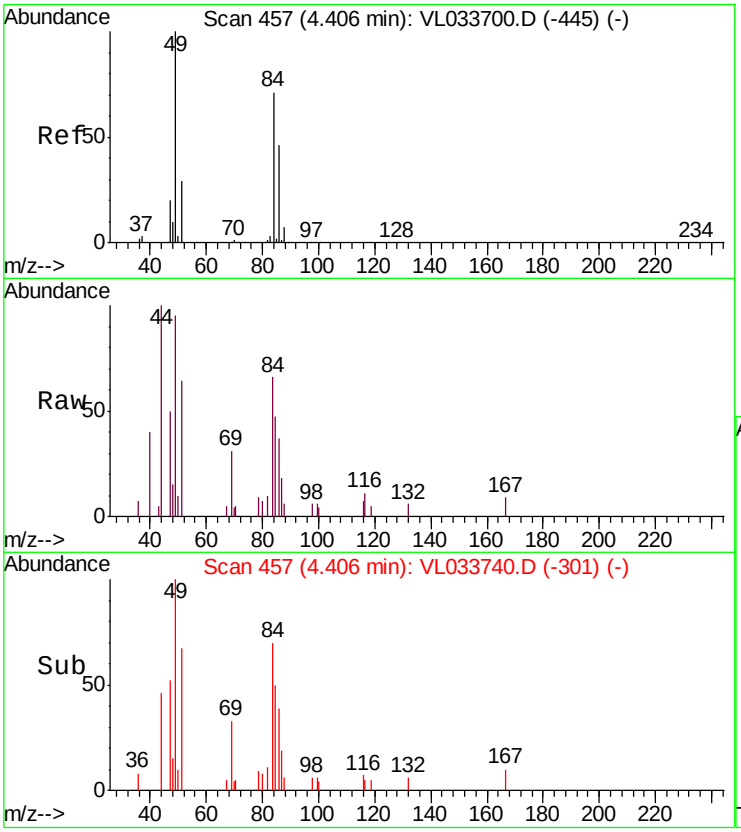


#11
Trichlorofluoromethane
Concen: 0.015 ppbv
RT: 3.88 min Scan# 292
Delta R.T. -0.13 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Tgt Ion:101 Resp: 3081

Ion	Ratio	Lower	Upper
101	100		
103	69.1	52.6	78.8



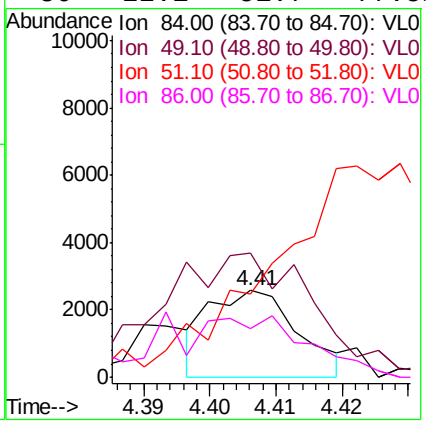


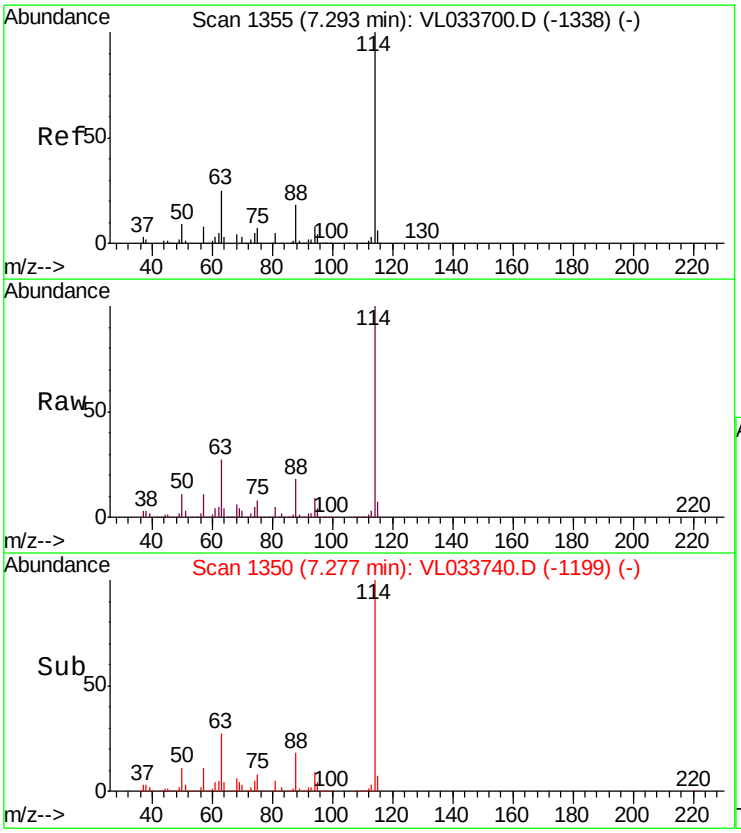
#20
Methylene Chloride
Concen: 0.045 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Instrument : MSVOA_L
ClientSampleId : VL0522ABL01

Tgt Ion: 84 Resp: 2387

Ion	Ratio	Lower	Upper
84	100		
49	52.3	112.8	169.2#
51	14.2	33.4	50.0#
86	22.1	51.7	77.5#

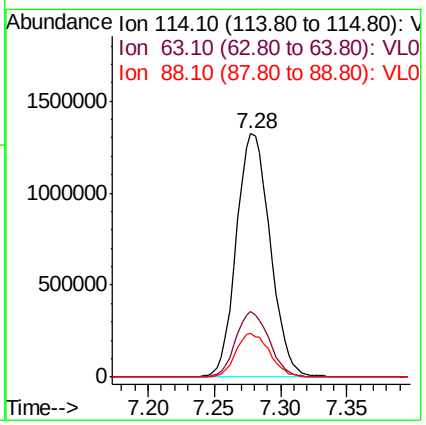


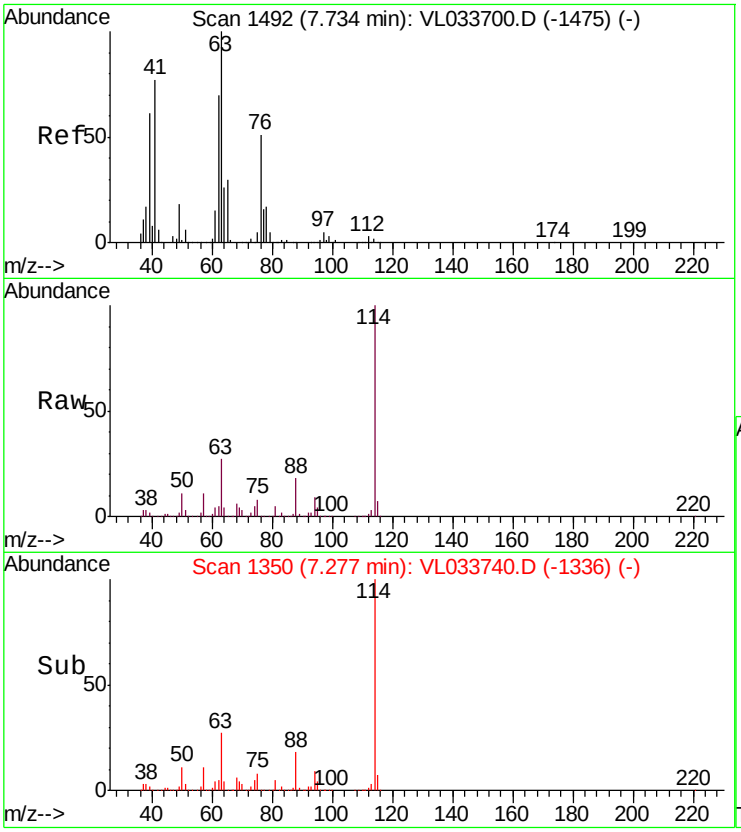


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Tgt Ion:114 Resp: 2356412

Ion	Ratio	Lower	Upper
114	100		
63	26.7	20.9	31.3
88	18.1	14.3	21.5



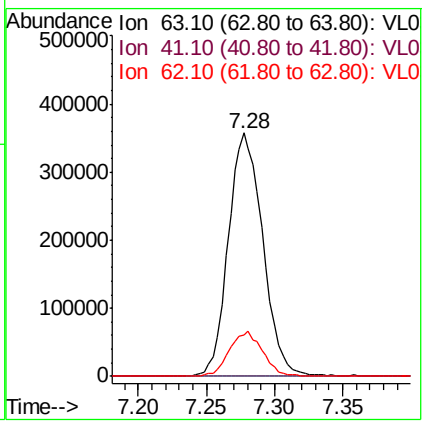


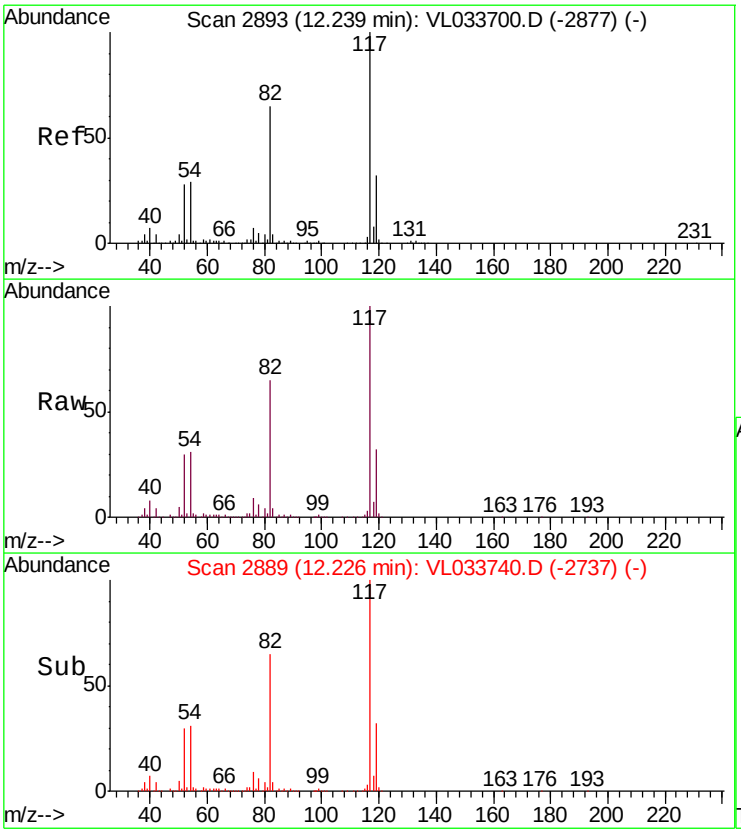
#39
1,2-Dichloropropane
Concen: 7.796 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.46 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Instrument : MSVOA_L
ClientSampleId : VL0522ABL01

Tgt Ion: 63 Resp: 623037

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	17.2	56.2	84.4#

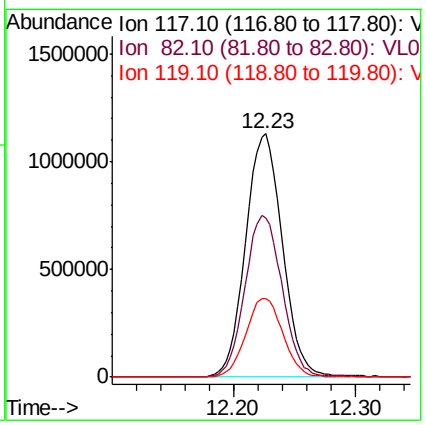


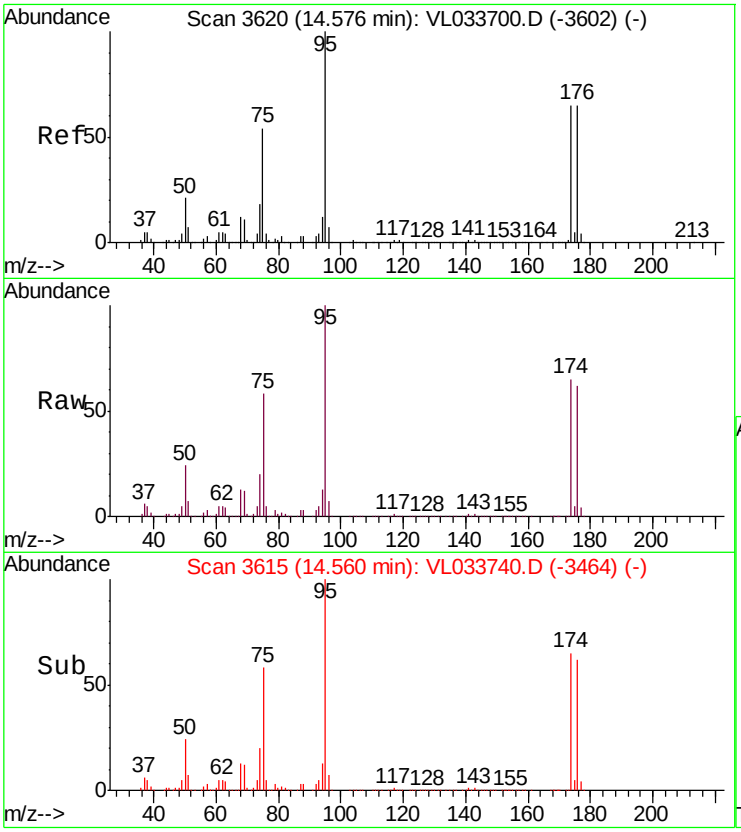


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Tgt Ion:117 Resp: 2351583

Ion	Ratio	Lower	Upper
117	100		
82	67.6	49.4	74.0
119	32.8	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.909 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0522ABL01

Tgt Ion: 95 Resp: 1889048

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.9	80.9
175	4.8	3.8	5.8