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

Quantitation Report (Not Reviewed)

Data File : VL033728.D
Acq On : 20 May 2019 17:33
Operator : SY/AP
Sample : CAN 10677
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10677

Quant Time: May 21 01:32:56 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	883044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2039484	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2298177	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1831770	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	1701	0.017	ppbv #	79
13) Ethanol	3.67	45	2180	0.157	ppbv #	54
20) Methylene Chloride	4.40	84	17785	0.377	ppbv	86
26) Hexane	5.77	57	5497	0.059	ppbv #	31
30) Cyclohexane	7.26	84	3789	0.049	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	539184	7.795	ppbv #	23
43) Methyl Methacrylate	7.93	69	1890	0.028	ppbv #	1

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

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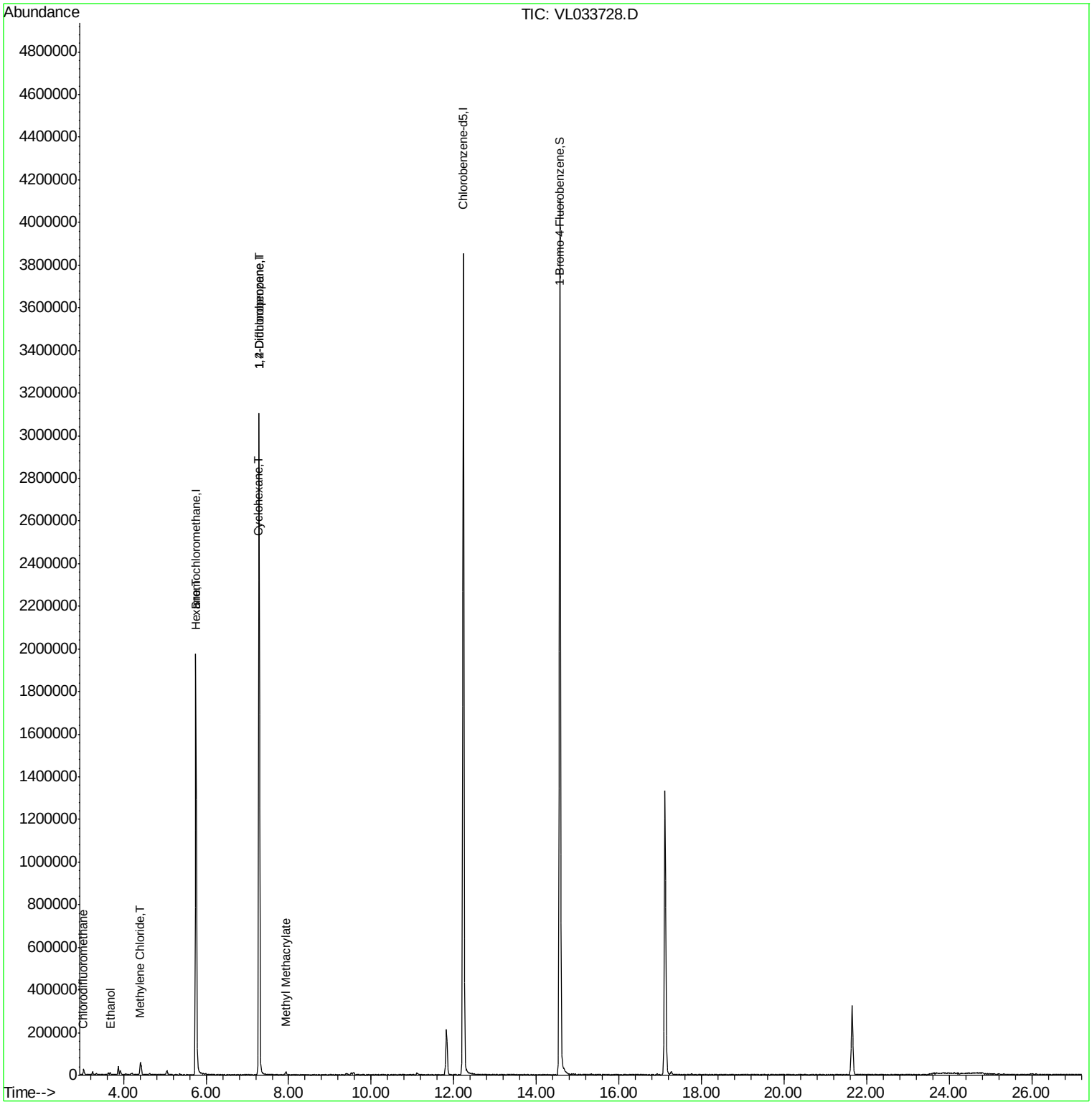
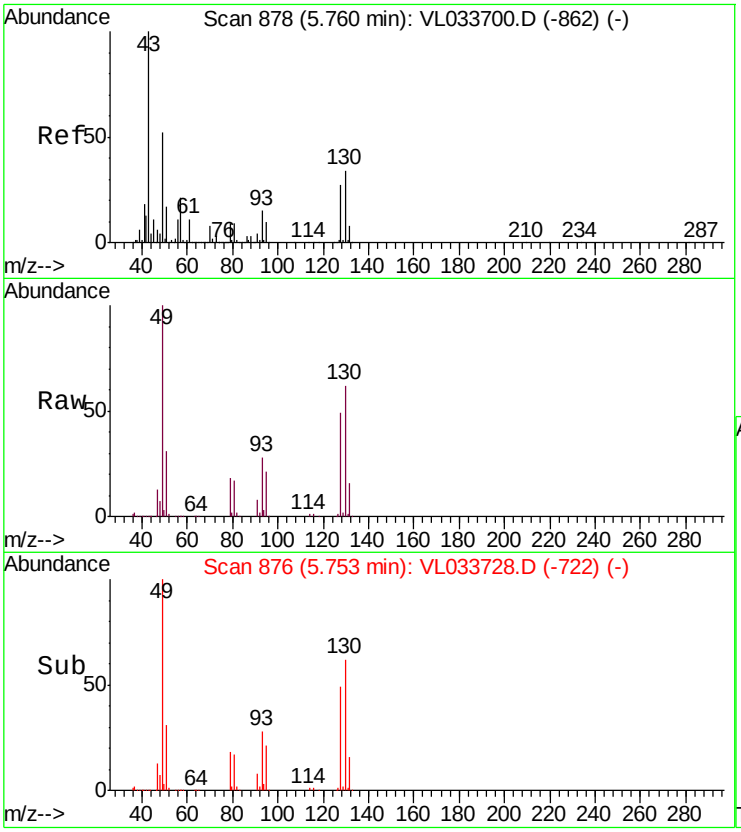


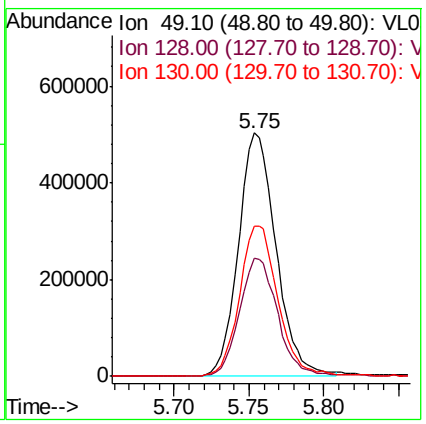


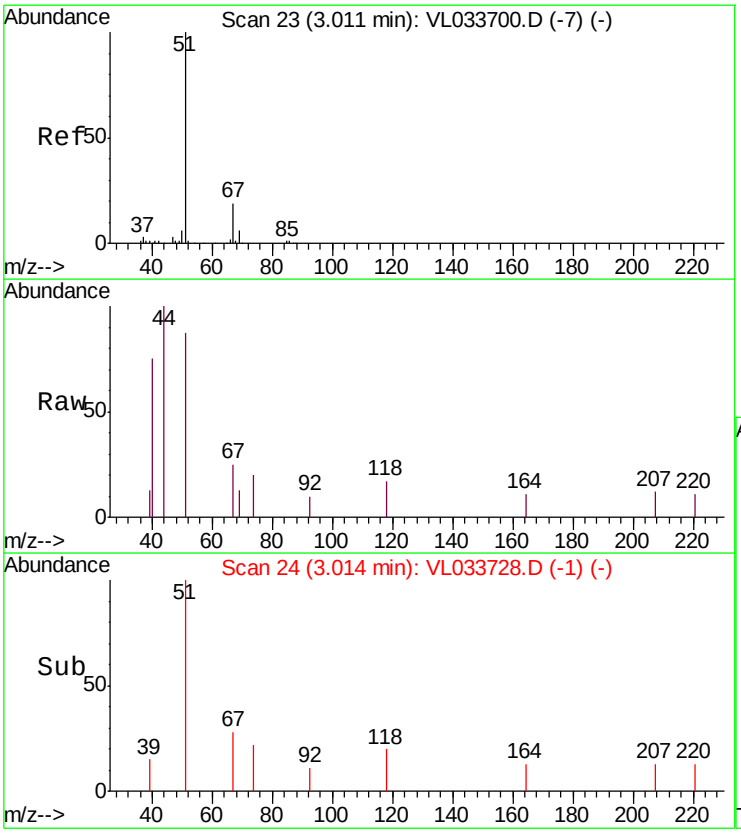
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Instrument :
MSVOA_L
ClientSampleId :
CAN 10677

Tgt Ion: 49 Resp: 883044

Ion	Ratio	Lower	Upper
49	100		
128	49.7	25.2	75.6
130	63.6	32.5	97.5

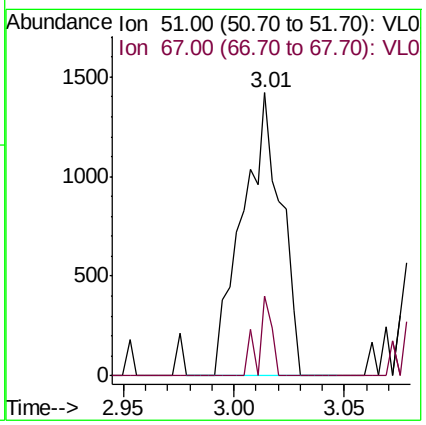


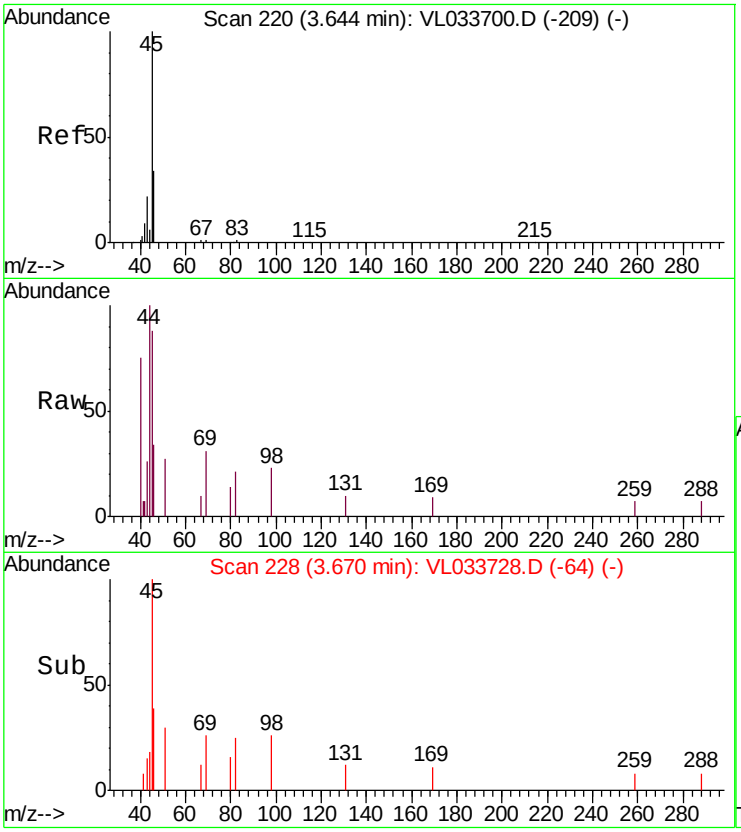


#3
Chlorodifluoromethane
Concen: 0.017 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Tgt Ion: 51 Resp: 1701

Ion	Ratio	Lower	Upper
51	100		
67	9.9	15.6	23.4#



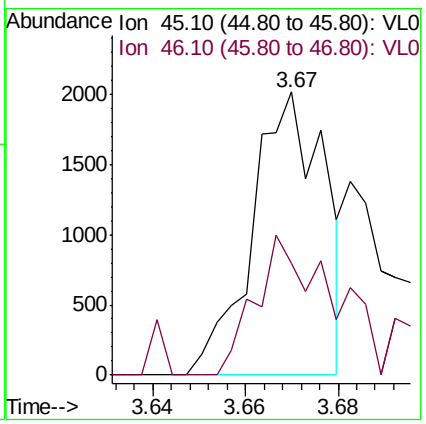


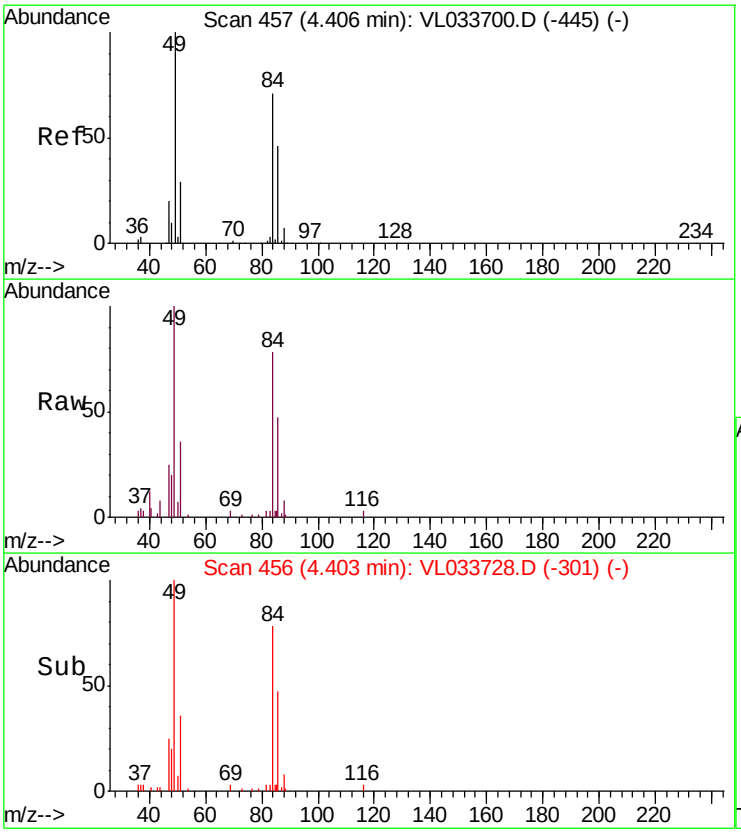
#13
Ethanol
Concen: 0.157 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.03 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Instrument : MSVOA_L
ClientSampleId : CAN 10677

Tgt Ion: 45 Resp: 2180

Ion	Ratio	Lower	Upper
45	100		
46	64.4	14.8	59.0#

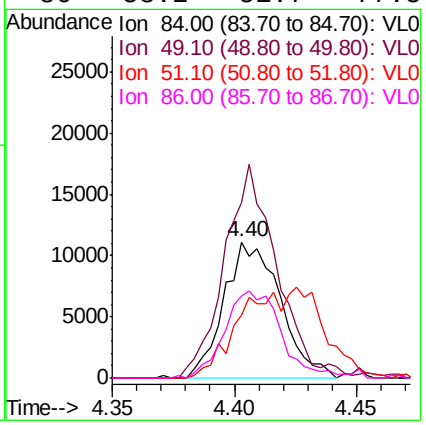


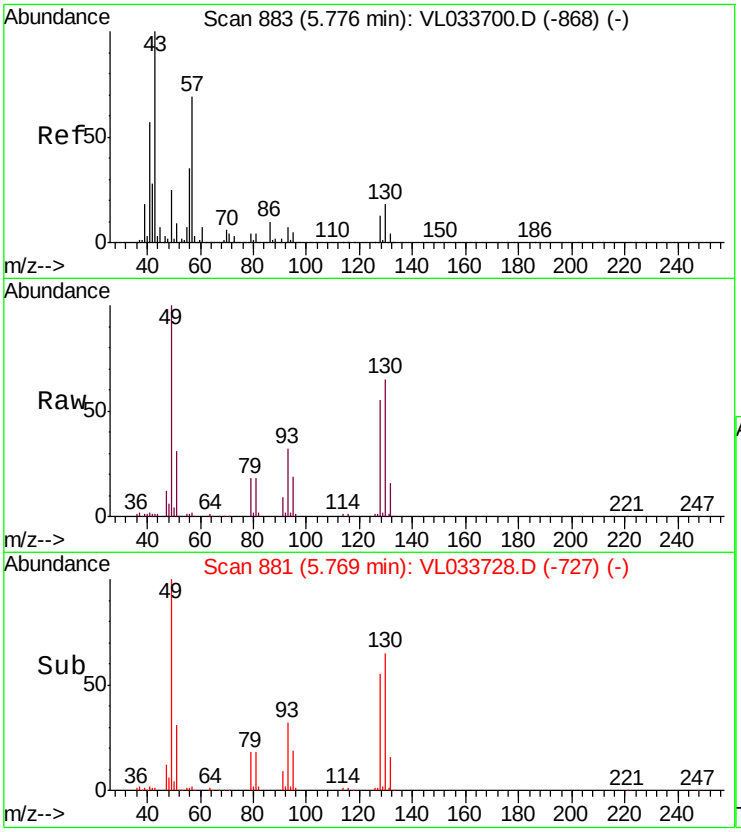


#20
Methylene Chloride
Concen: 0.377 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Tgt Ion: 84 Resp: 17785

Ion	Ratio	Lower	Upper
84	100		
49	116.7	112.8	169.2
51	44.7	33.4	50.0
86	58.2	51.7	77.5



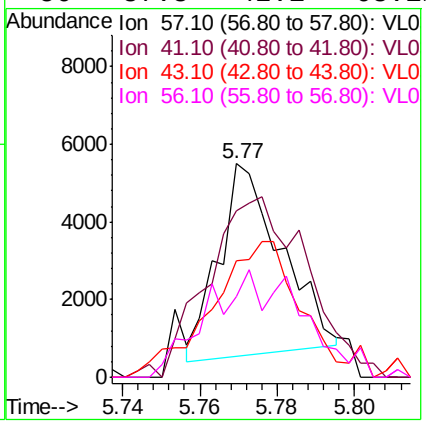


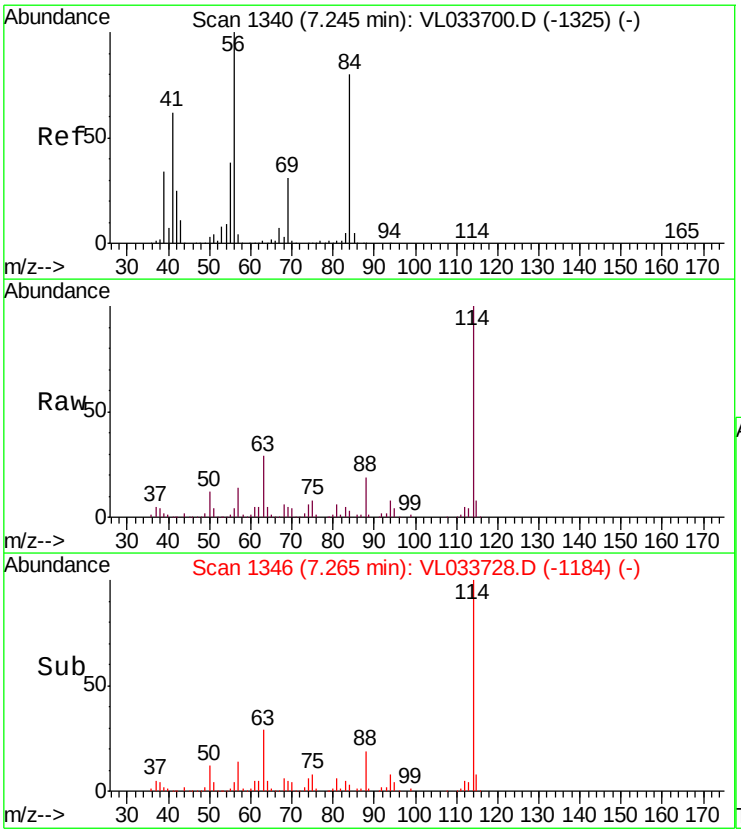
#26
Hexane
Concen: 0.059 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Instrument :
MSVOA_L
ClientSampleId :
CAN 10677

Tgt Ion: 57 Resp: 5497

Ion	Ratio	Lower	Upper
57	100		
41	153.0	69.8	104.6#
43	108.3	181.8	272.6#
56	87.3	42.1	63.1#

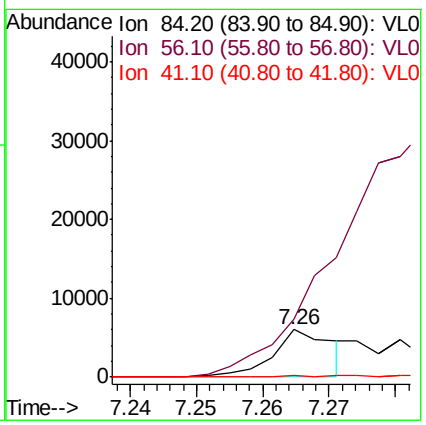


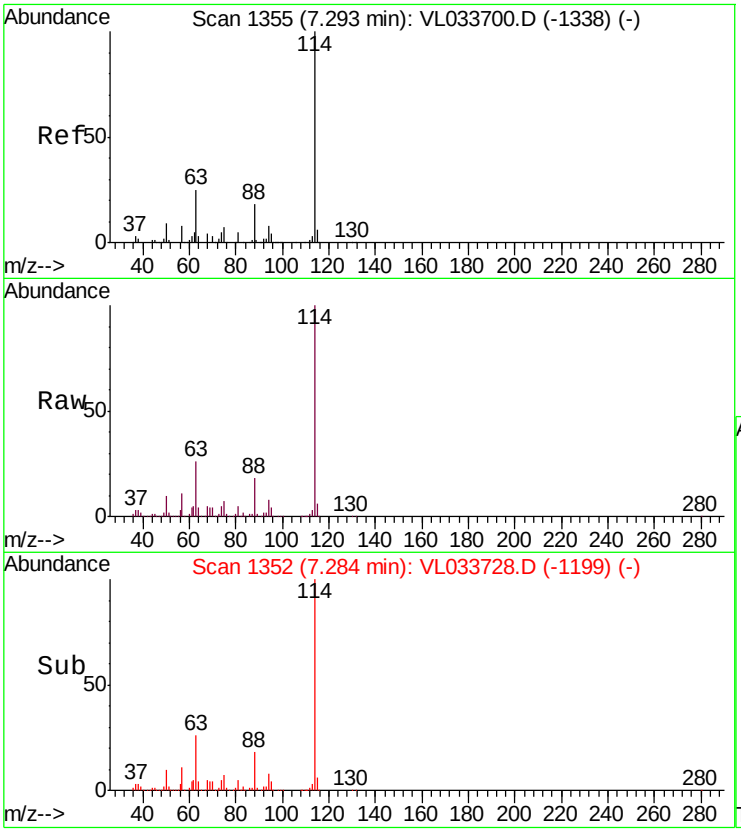


#30
Cyclohexane
Concen: 0.049 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. 0.02 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Tgt Ion: 84 Resp: 3789

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.8	66.0	99.0#



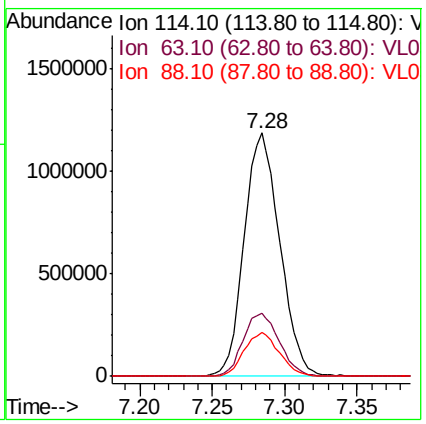


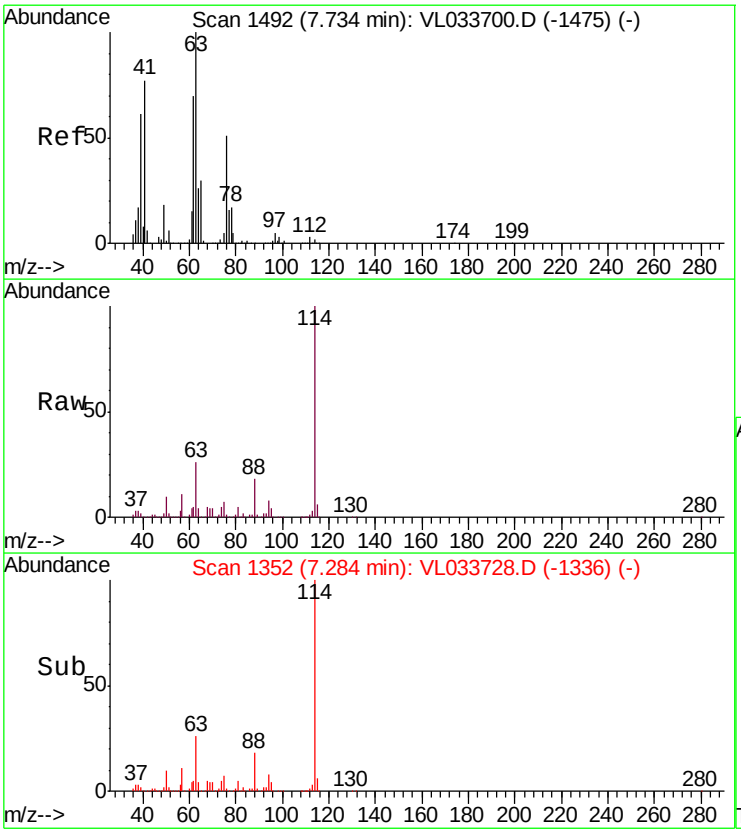
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Instrument :
MSVOA_L
ClientSampleId :
CAN 10677

Tgt Ion:114 Resp: 2039484

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.9	31.3
88	17.9	14.3	21.5

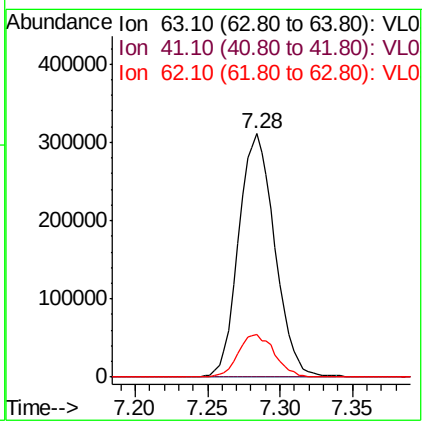


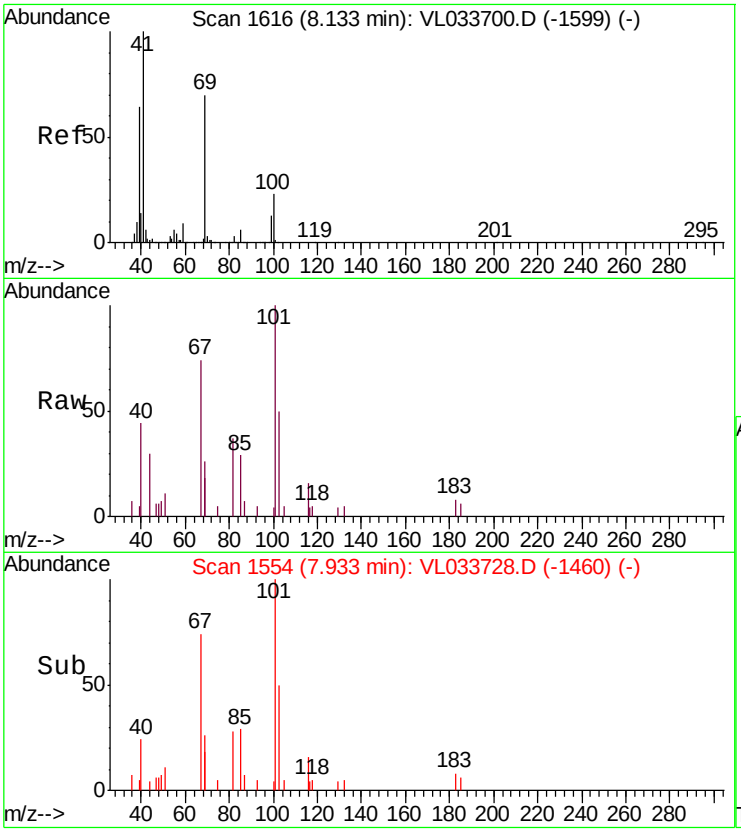


#39
1,2-Dichloropropane
Concen: 7.795 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Tgt Ion: 63 Resp: 539184

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.5	92.3#
62	17.3	56.2	84.4#



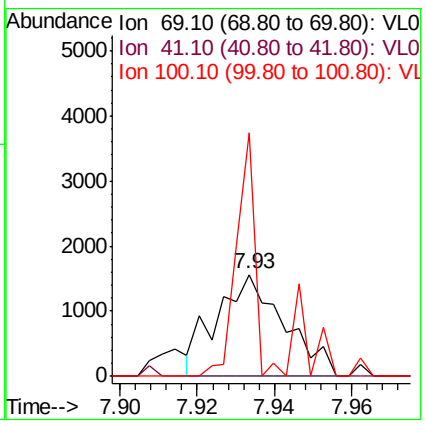


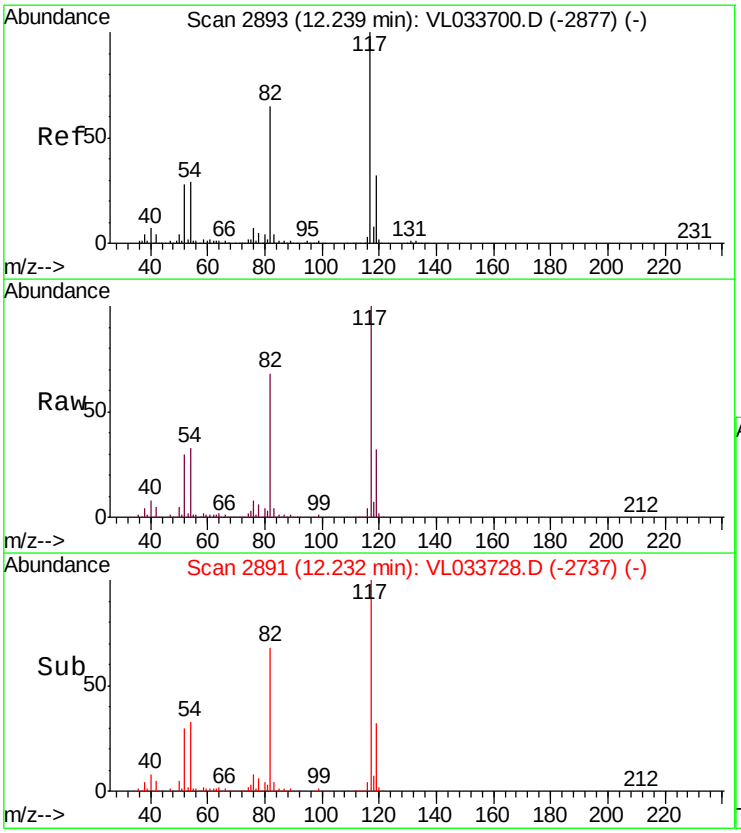
#43
Methyl Methacrylate
Concen: 0.028 ppbv
RT: 7.93 min Scan# 1554
Delta R.T. -0.20 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Instrument :
MSVOA_L
ClientSampleId :
CAN 10677

Tgt Ion: 69 Resp: 1890

Ion	Ratio	Lower	Upper
69	100		
41	3.0	116.3	174.5#
100	86.7	25.3	37.9#

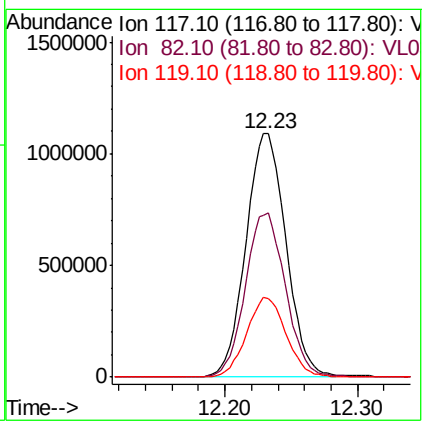


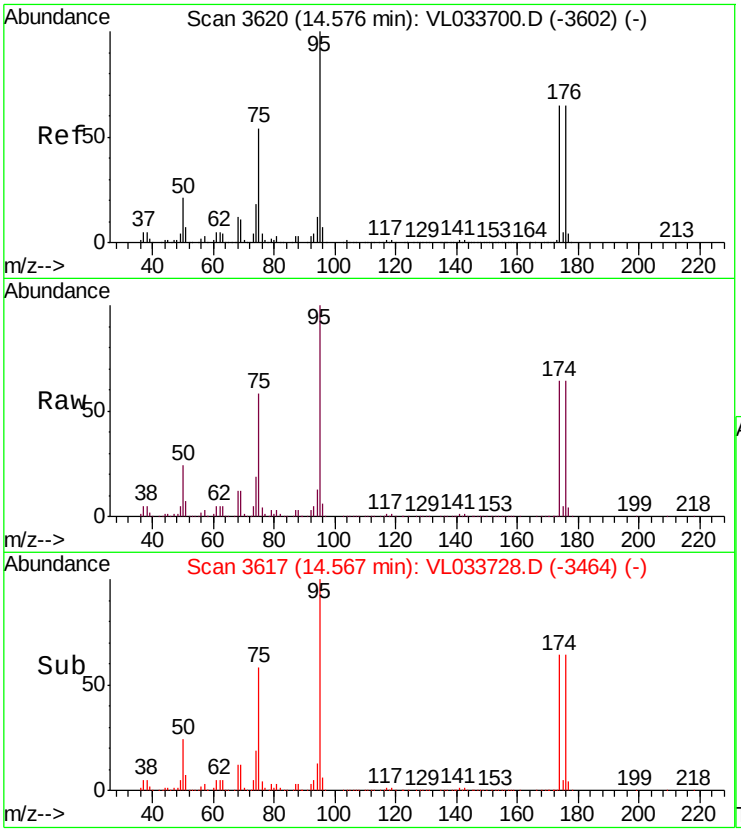


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Tgt Ion:117 Resp: 2298177

Ion	Ratio	Lower	Upper
117	100		
82	67.8	49.4	74.0
119	32.4	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.832 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033728.D
Acq: 20 May 2019 17:33

Instrument :
MSVOA_L
ClientSampleId :
CAN 10677

Tgt Ion: 95 Resp: 1831770

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.9	80.9
175	4.7	3.8	5.8