Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012720\
Data File : VL034561.D
Acq On : 27 Jan 2020 14:58
Operator : SY/AP
Sample : QC011720 CAN 10283
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jan 28 00:21:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 09 03:01:19 2020
QLast Update : Thu Jan 09 03:01:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	920855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1854695	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1825755	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1505758	9.88	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.80%			
Target Compounds						Qvalue
9) Propene	3.00	41	1015	0.024	ppbv	86
15) Acetone	3.85	43	10312	0.077	ppbv #	50
20) Methylene Chloride	4.33	84	7121	0.135	ppbv #	70
26) Hexane	5.70	57	2419	0.027	ppbv #	25
30) Cyclohexane	7.18	84	3645	0.055	ppbv #	1
39) 1,2-Dichloropropane	7.20	63	539615	8.117	ppbv #	21

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

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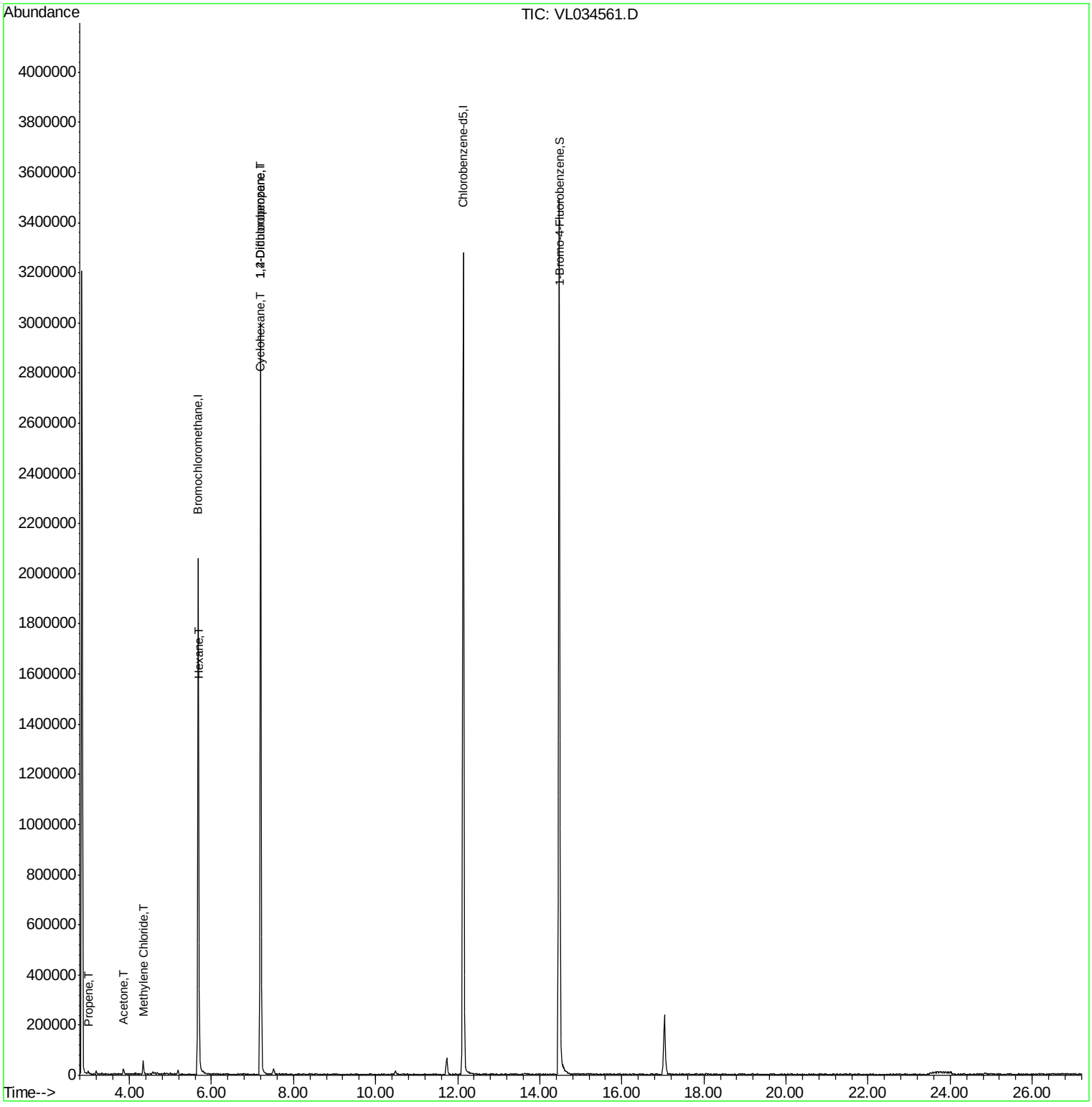
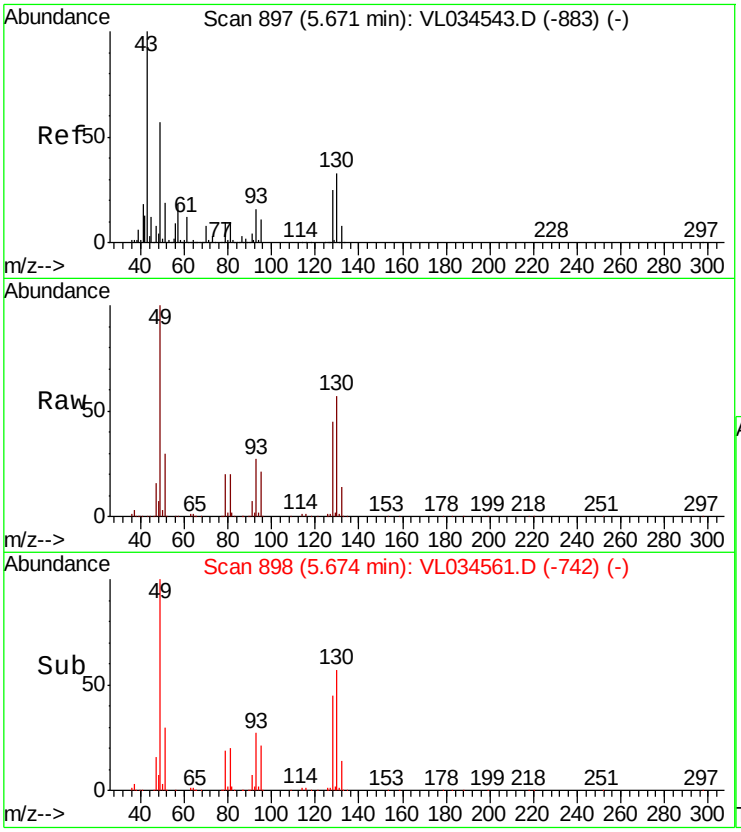


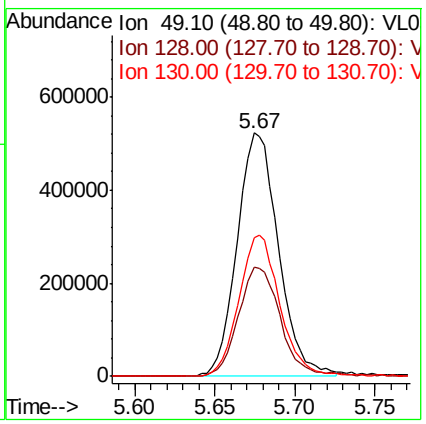


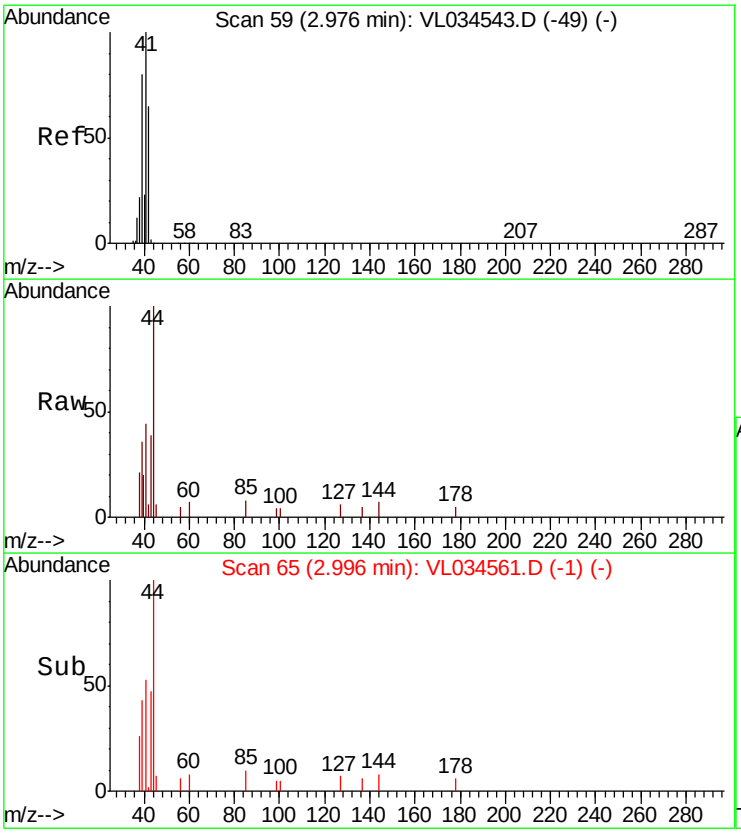
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 920855

Ion	Ratio	Lower	Upper
49	100		
128	45.9	22.4	67.2
130	57.8	28.3	85.0

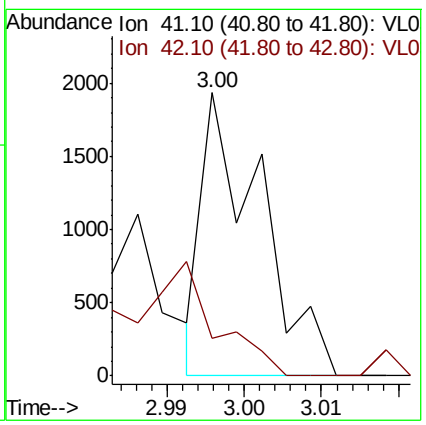


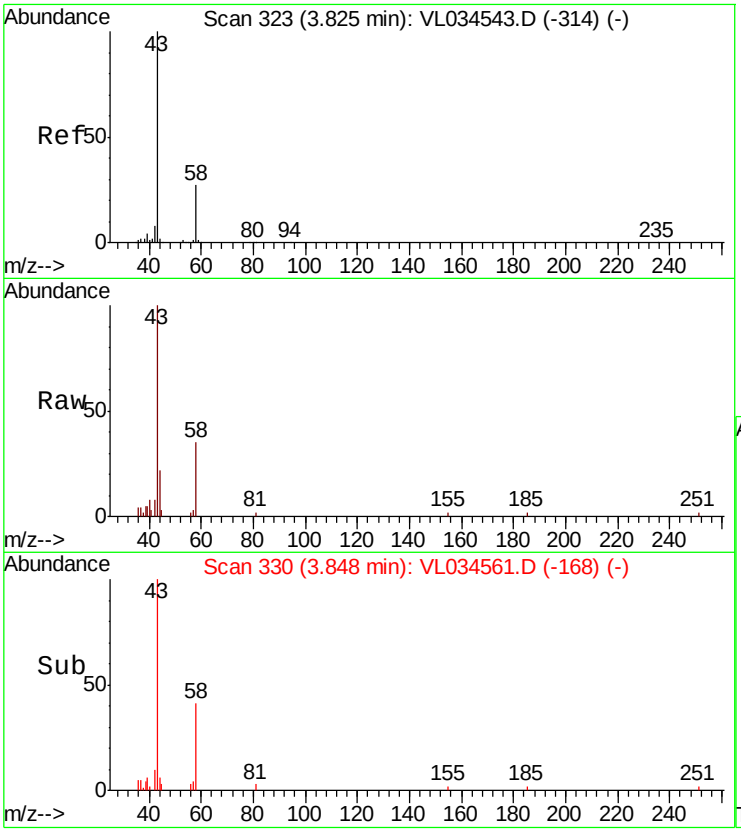


#9
Propene
Concen: 0.024 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.02 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Tgt Ion: 41 Resp: 1015

Ion	Ratio	Lower	Upper
41	100		
42	58.3	55.8	83.6



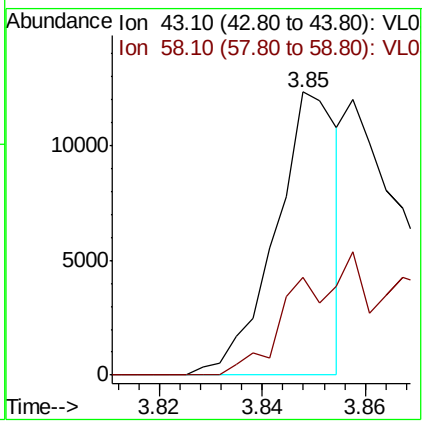


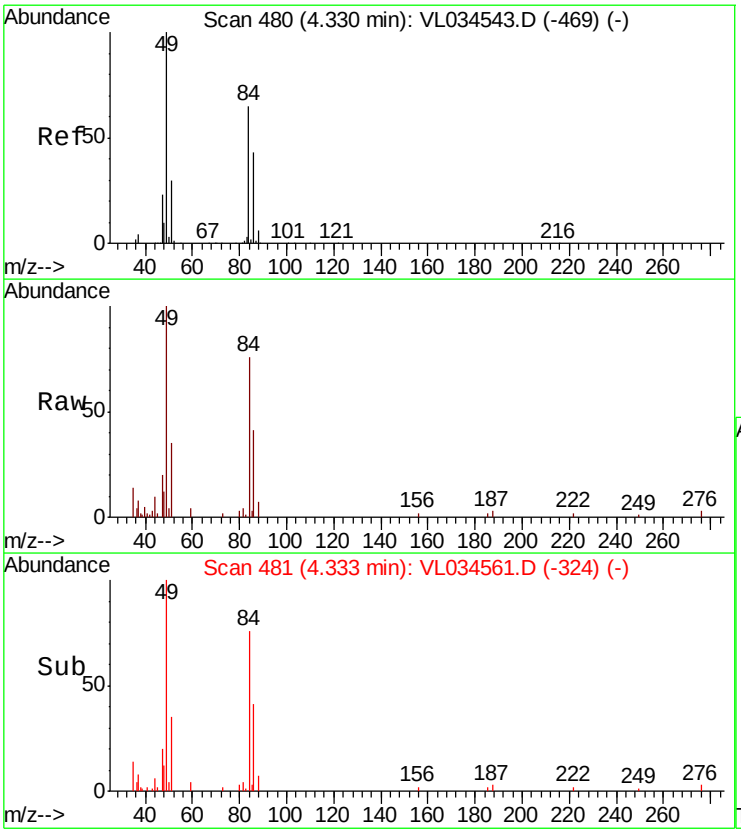
#15
Acetone
Concen: 0.077 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.02 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 10312

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.4	30.6#

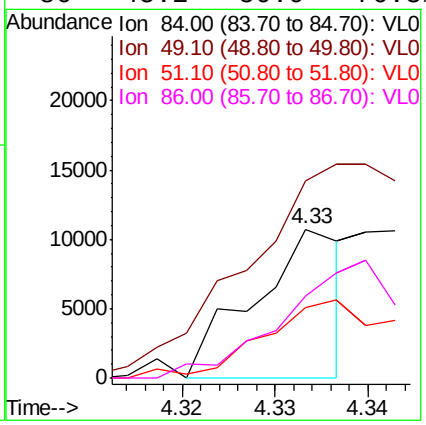


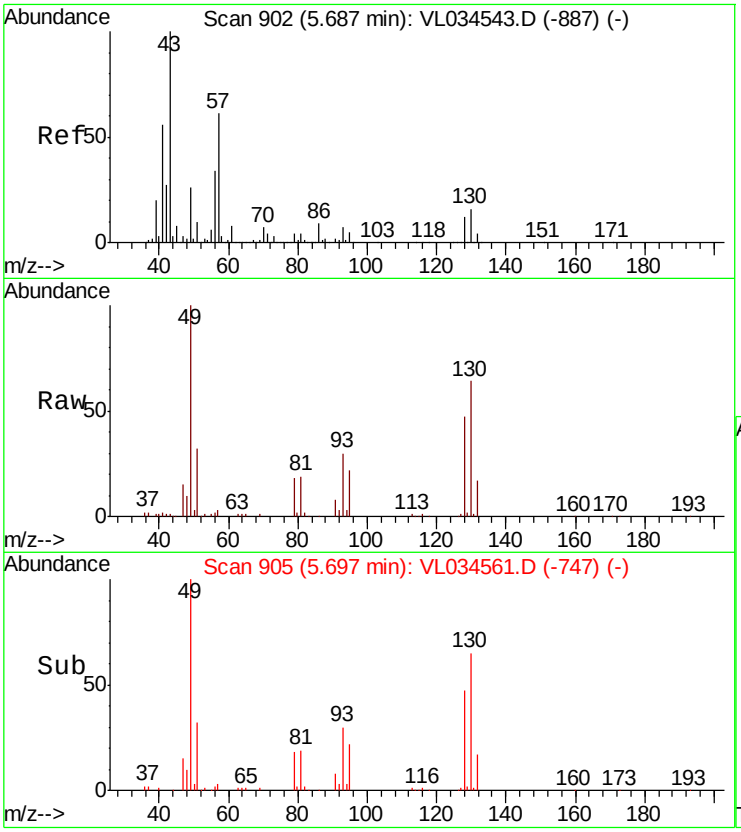


#20
Methylene Chloride
Concen: 0.135 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Tgt Ion: 84 Resp: 7121

Ion	Ratio	Lower	Upper
84	100		
49	102.2	124.4	186.6#
51	44.2	37.0	55.6
86	45.2	50.9	76.3#



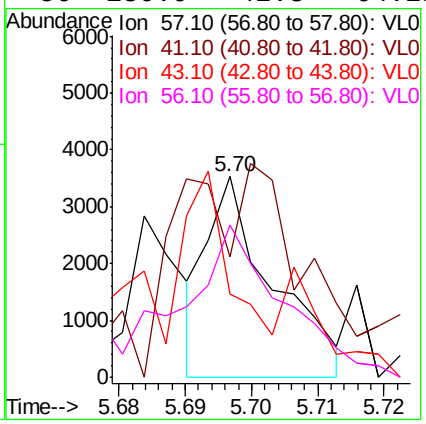


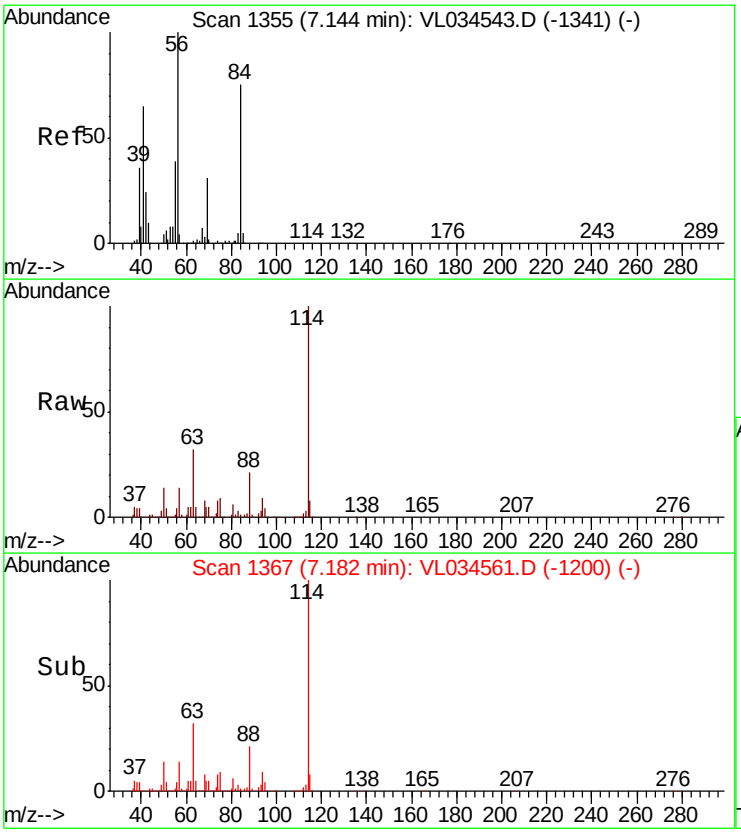
#26
Hexane
Concen: 0.027 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 2419

Ion	Ratio	Lower	Upper
57	100		
41	229.6	75.3	112.9#
43	166.0	189.4	284.2#
56	130.9	42.8	64.2#

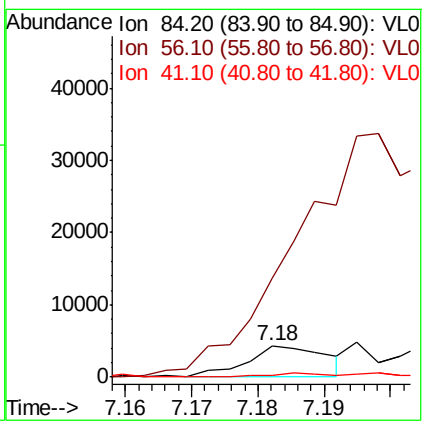


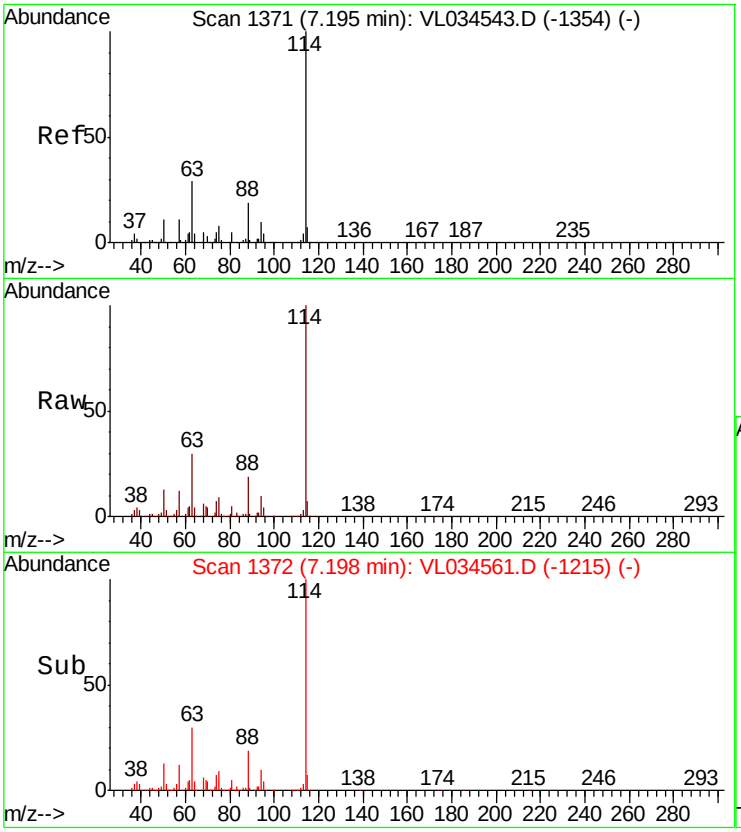


#30
Cyclohexane
Concen: 0.055 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.04 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Tgt Ion: 84 Resp: 3645

Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.7	169.1#
41	0.0	73.0	109.4#



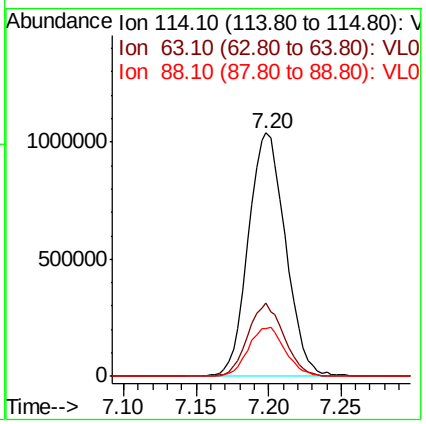


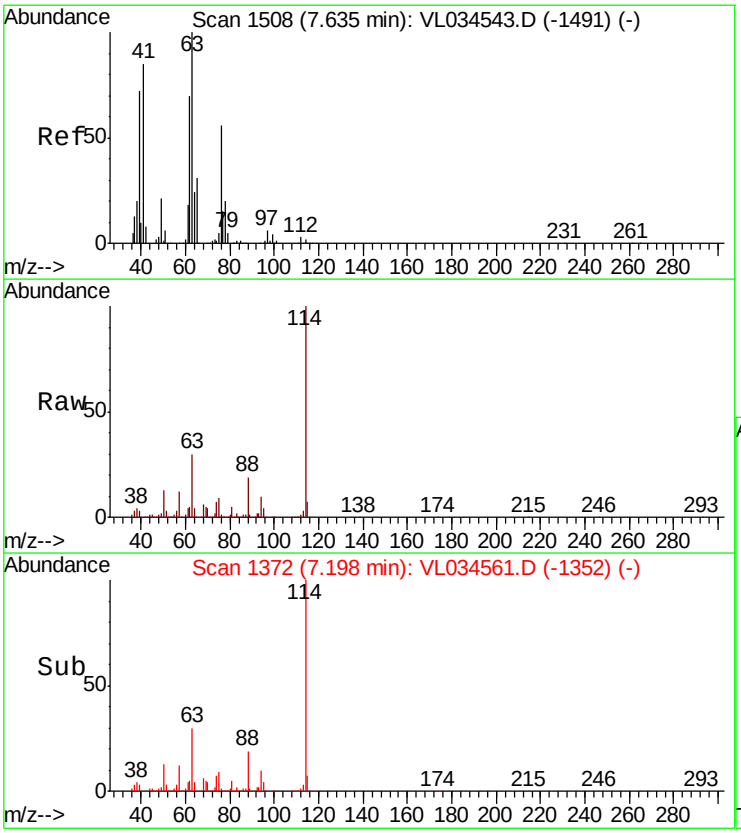
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 1854695

Ion	Ratio	Lower	Upper
114	100		
63	29.3	24.1	36.1
88	19.9	15.7	23.5

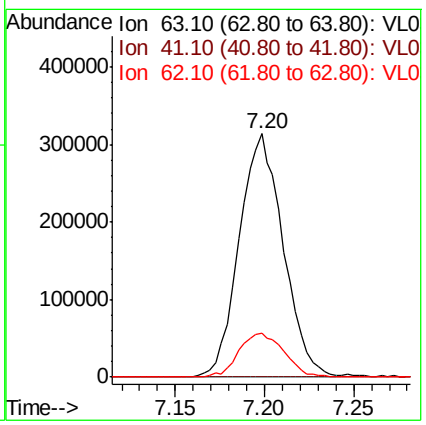


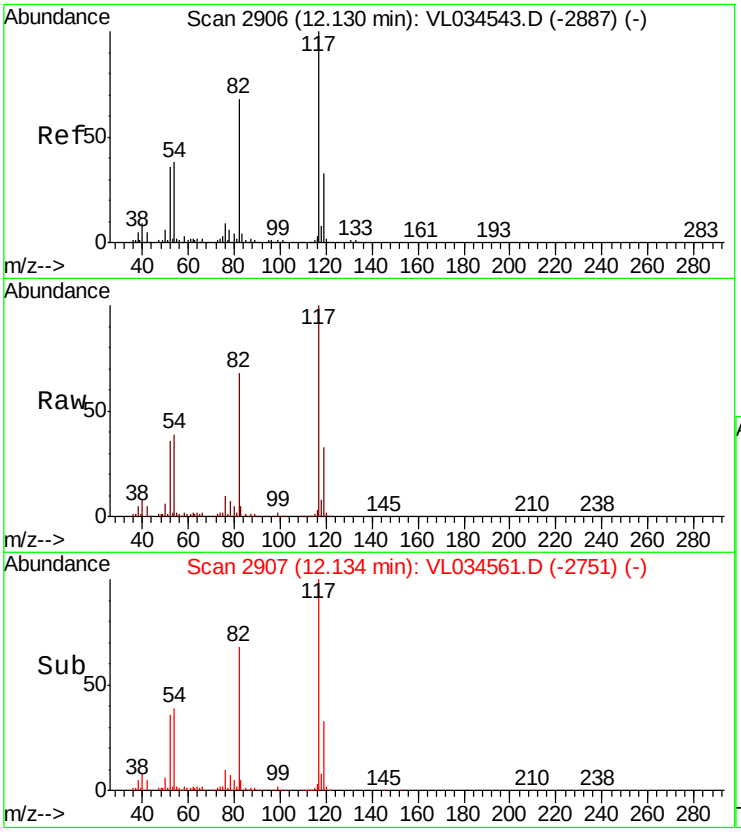


#39
1,2-Dichloropropane
Concen: 8.117 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.44 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Tgt Ion: 63 Resp: 539615

Ion	Ratio	Lower	Upper
63	100		
41	0.2	66.1	99.1#
62	17.7	54.9	82.3#



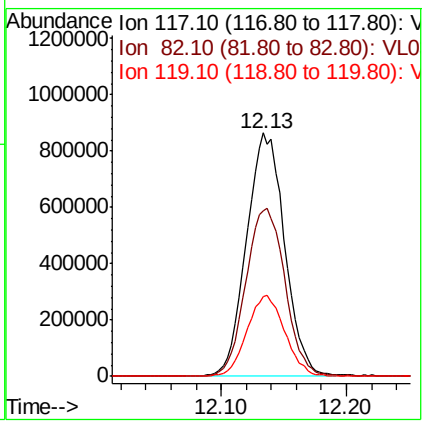


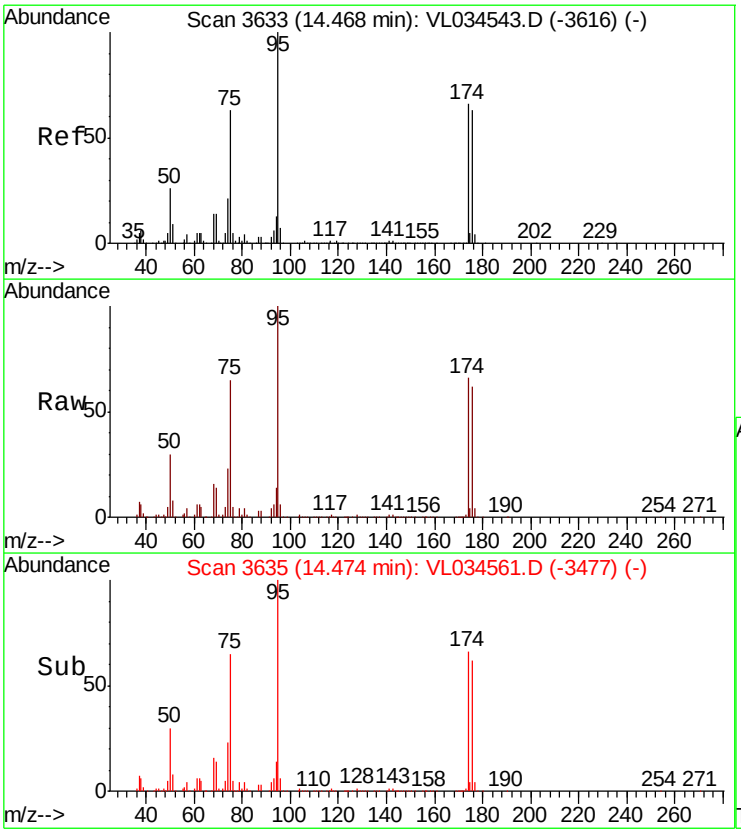
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1825755

Ion	Ratio	Lower	Upper
117	100		
82	71.2	56.2	84.4
119	33.1	27.1	40.7





#68
1-Bromo-4-Fluorobenzene
Concen: 9.883 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. 0.01 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Tgt Ion: 95 Resp: 1505758

Ion	Ratio	Lower	Upper
95	100		
174	65.5	52.4	78.6
175	4.6	3.9	5.9