Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020420\

Quantitation Report (Not Reviewed)

Data File : VL034595.D
Acq On : 5 Feb 2020 1:07
Operator : SY/AP
Sample : L1359-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-1DL2

Quant Time: Feb 05 05:47:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	949681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1947612	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1990726	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1713438	10.18	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.95	51	4055	0.035	ppbv #	66
9) Propene	2.98	41	1441	0.032	ppbv #	14
15) Acetone	3.84	43	56896	0.408	ppbv #	89
17) tert-Butyl alcohol	4.31	59	3605	0.035	ppbv #	89
20) Methylene Chloride	4.32	84	3219	0.061	ppbv #	66
39) 1,2-Dichloropropane	7.19	63	578573	8.058	ppbv #	19

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

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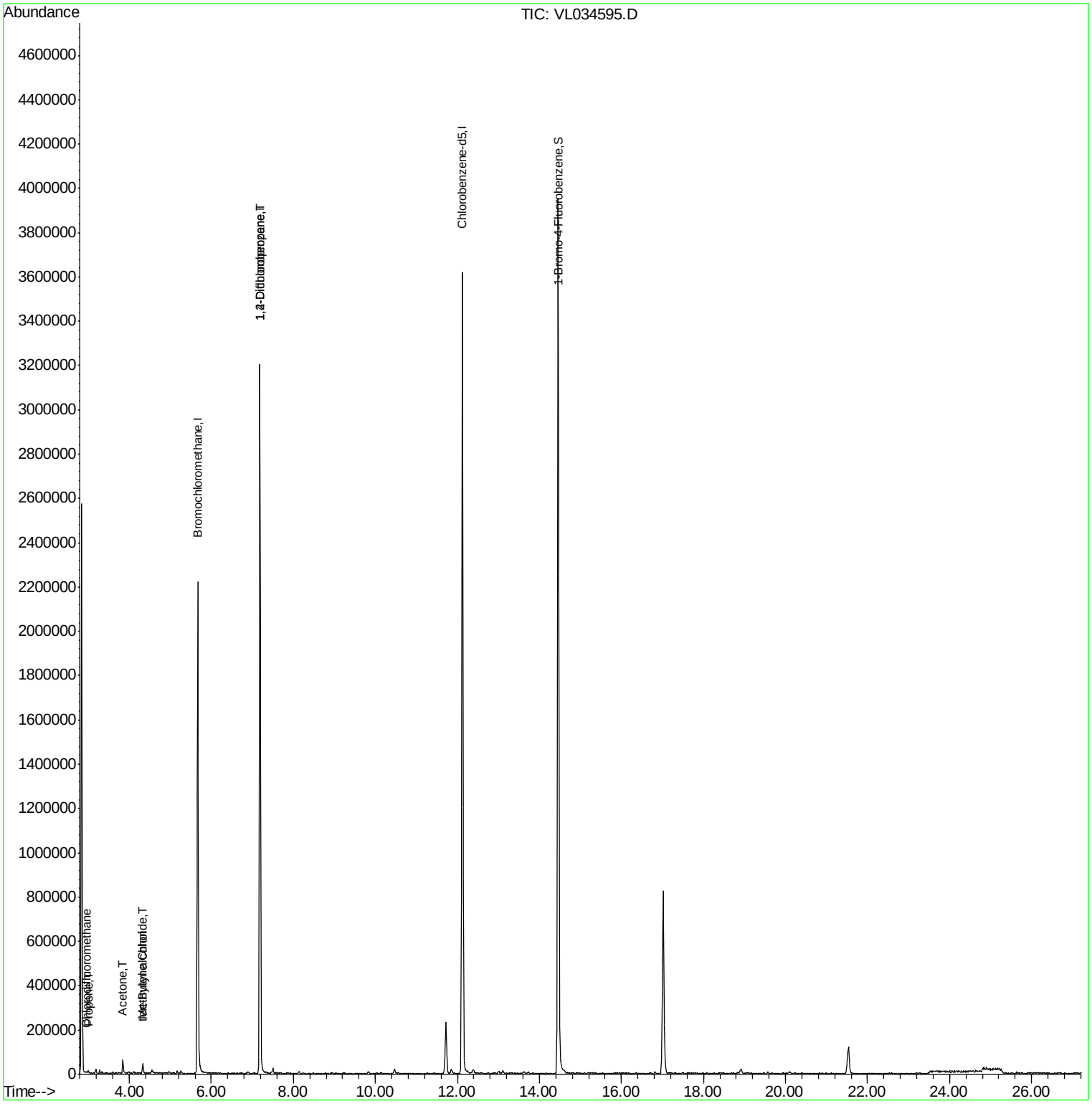
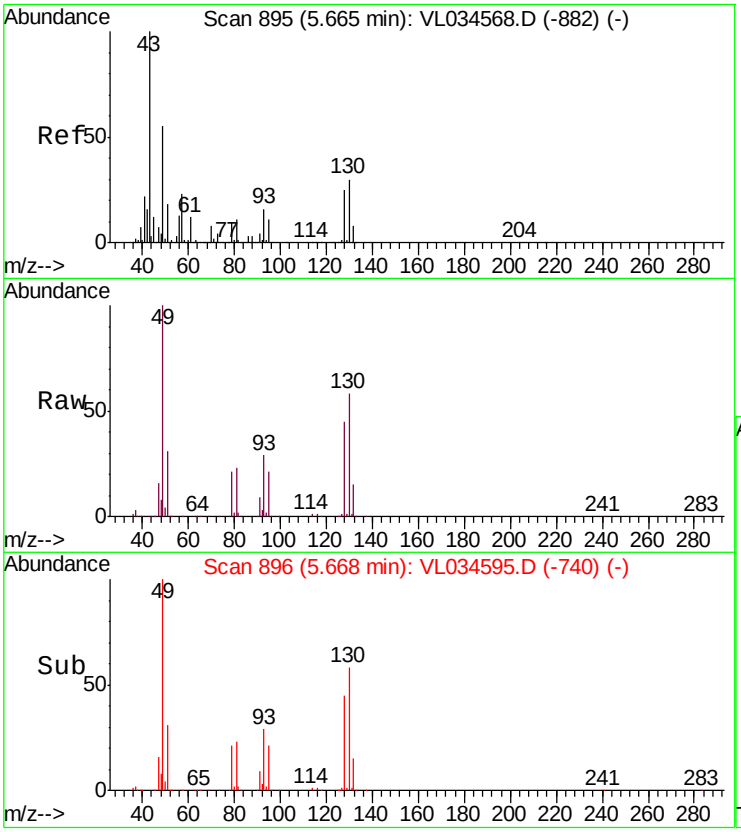


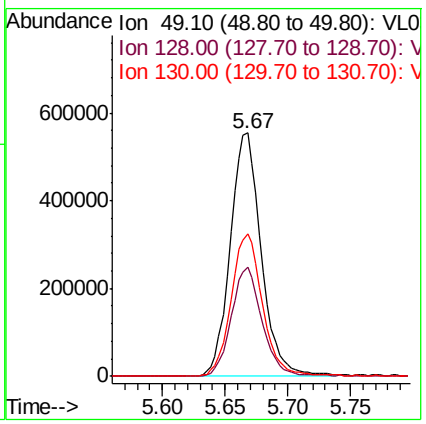


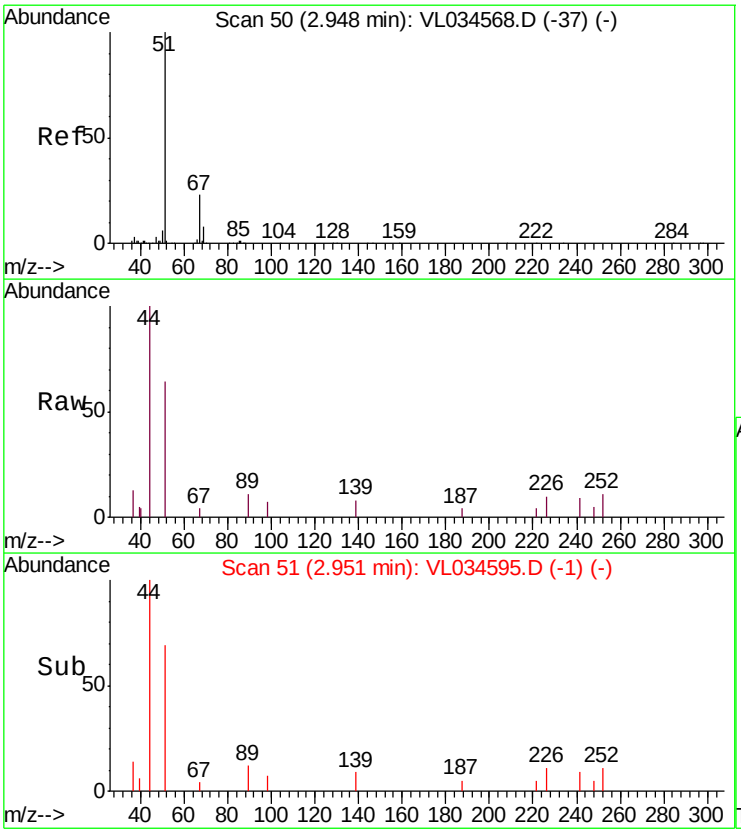
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL2

Tgt Ion: 49 Resp: 949681

Ion	Ratio	Lower	Upper
49	100		
128	45.0	22.7	68.1
130	59.8	28.6	85.8

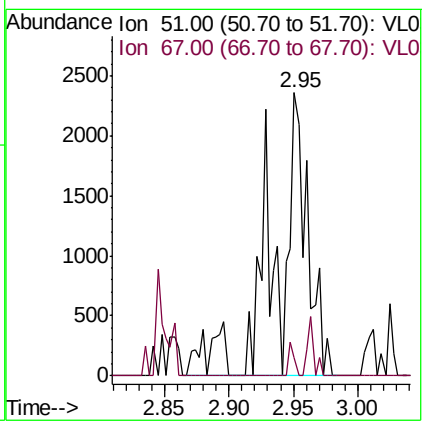


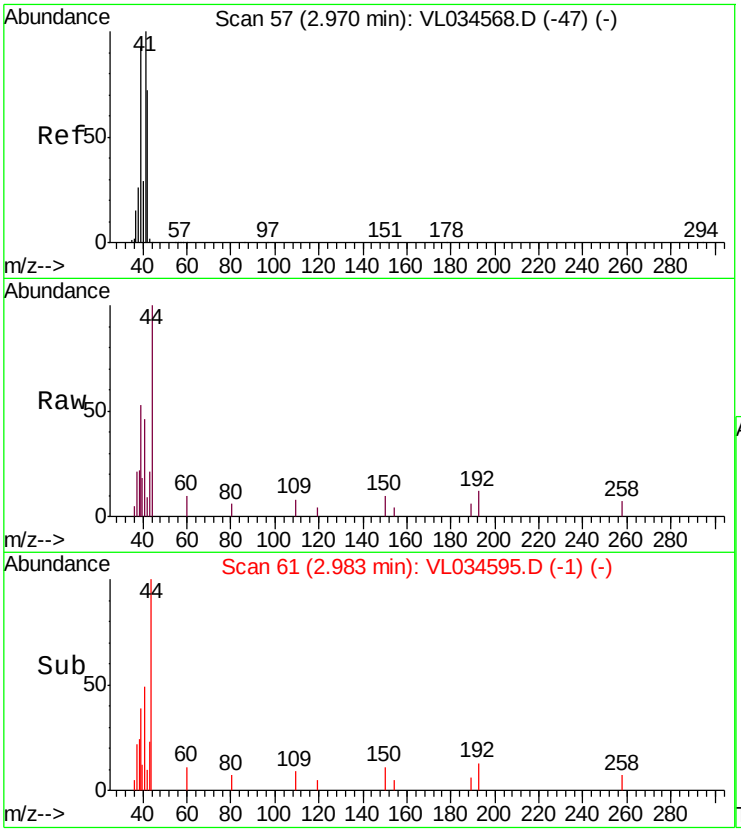


#3
Chlorodifluoromethane
Concen: 0.035 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.00 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Tgt Ion: 51 Resp: 4055

Ion	Ratio	Lower	Upper
51	100		
67	6.2	17.8	26.8#



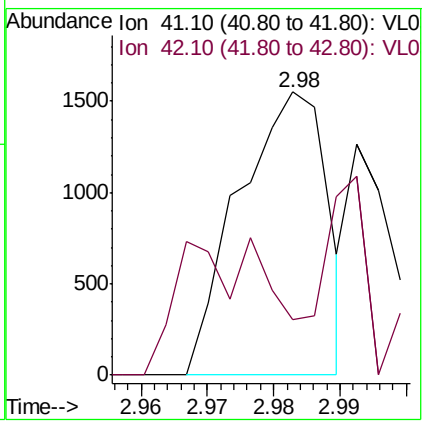


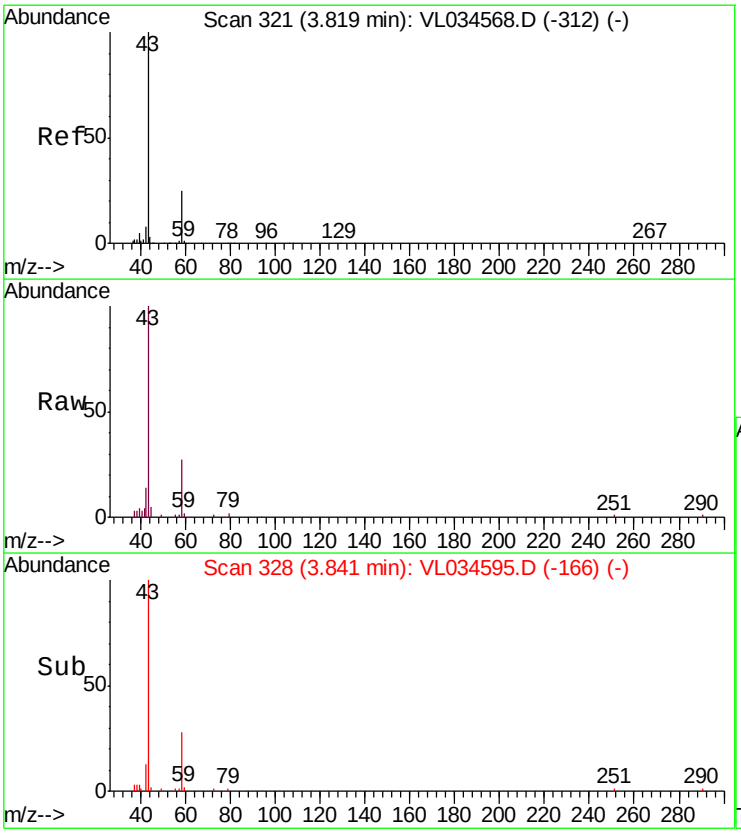
#9
Propene
Concen: 0.032 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.01 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL2

Tgt Ion: 41 Resp: 1441

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4#

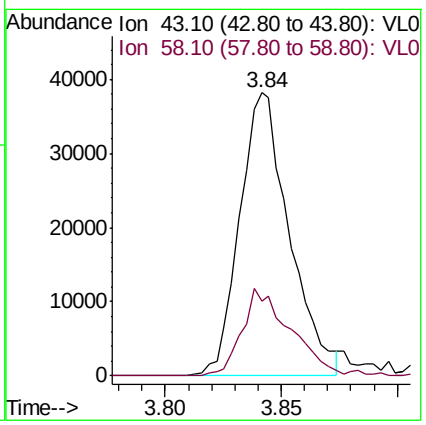


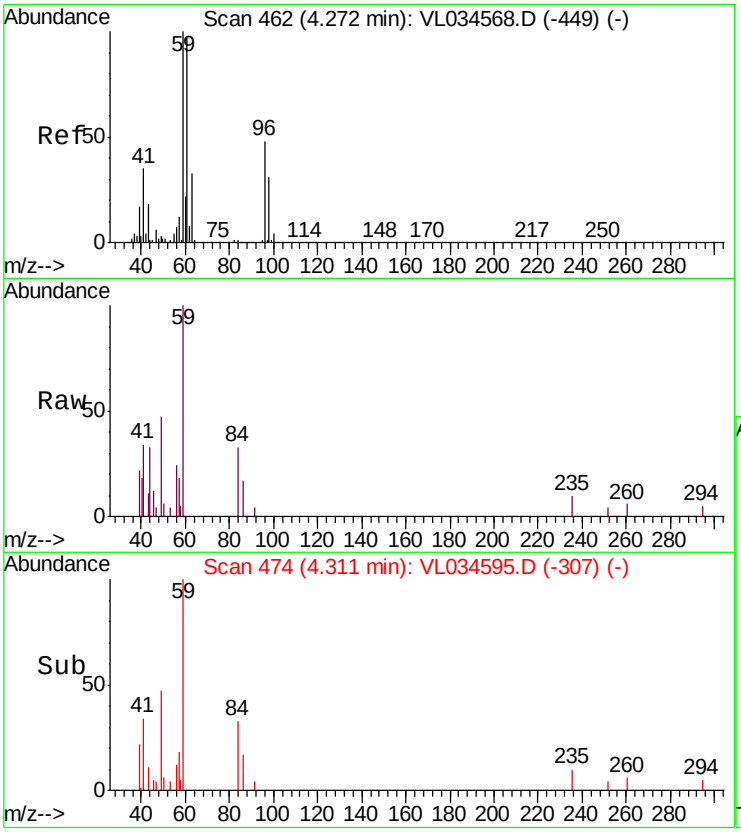


#15
Acetone
Concen: 0.408 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.02 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Tgt Ion: 43 Resp: 56896

Ion	Ratio	Lower	Upper
43	100		
58	30.8	20.3	30.5#



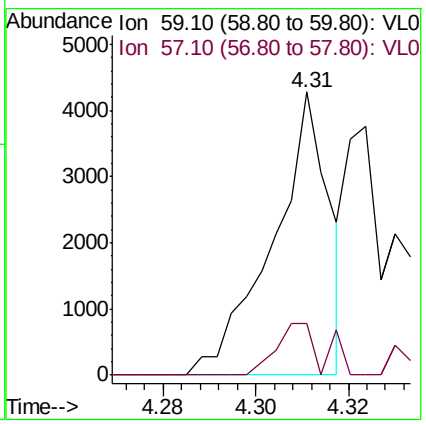


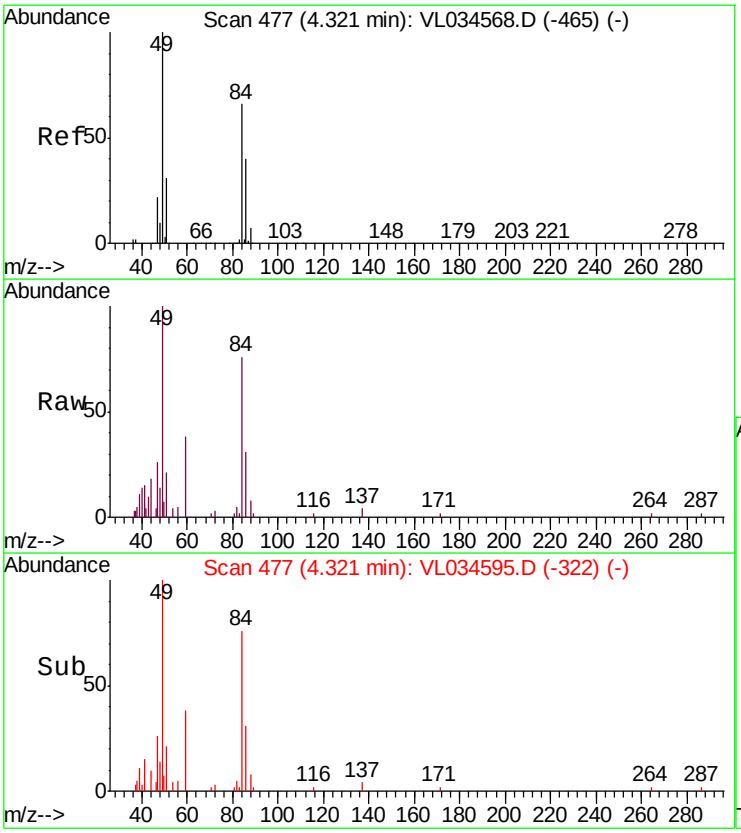
#17
tert-Butyl alcohol
Concen: 0.035 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.04 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Instrument : MSVOA_L
ClientSampleId : SG-1DL2

Tgt Ion: 59 Resp: 3605

Ion	Ratio	Lower	Upper
59	100		
57	15.1	8.7	13.1#

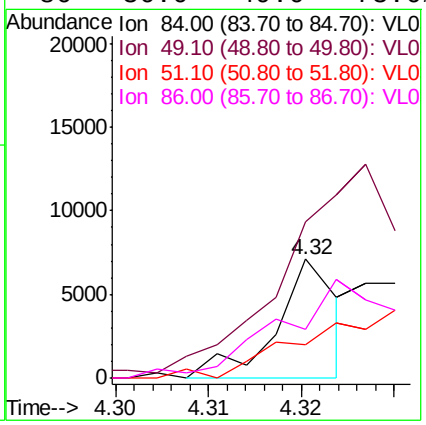


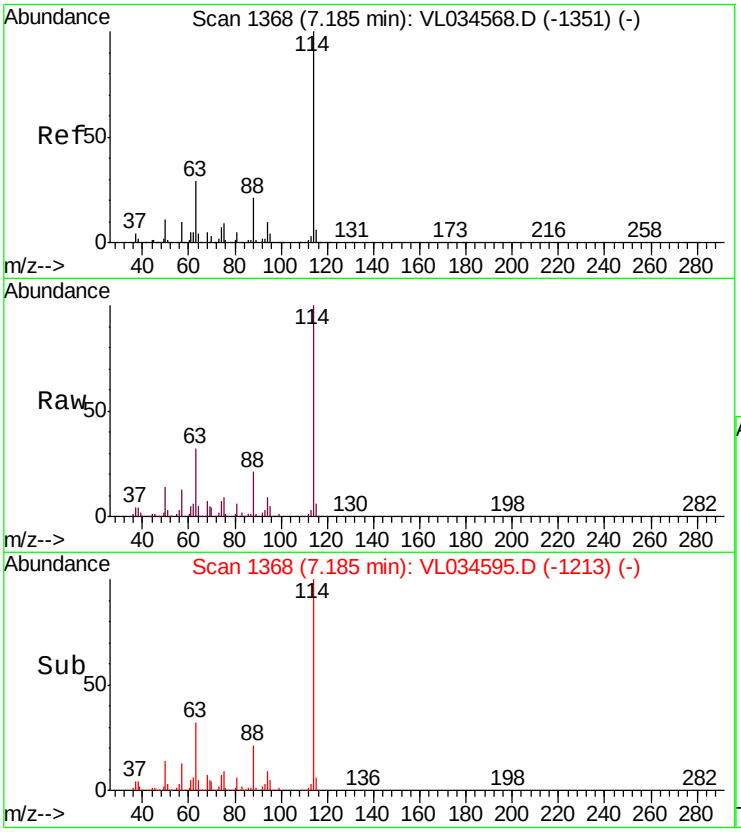


#20
Methylene Chloride
Concen: 0.061 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Tgt Ion: 84 Resp: 3219

Ion	Ratio	Lower	Upper
84	100		
49	112.6	122.4	183.6#
51	20.7	38.6	57.8#
86	36.0	49.0	73.6#



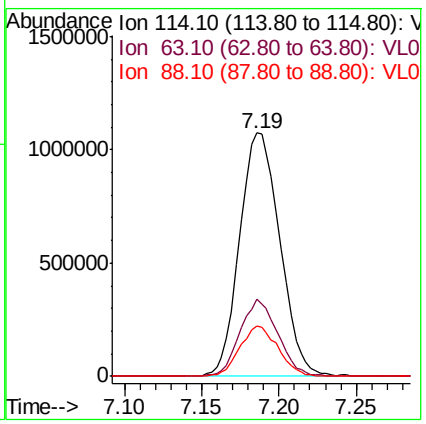


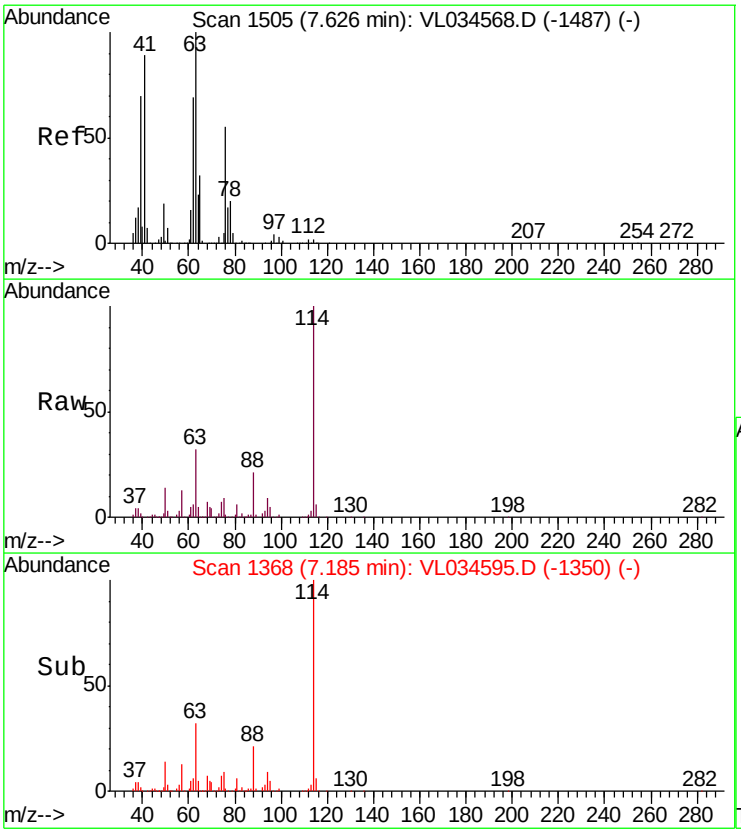
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL2

Tgt Ion:114 Resp: 1947612

Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.7	15.9	23.9

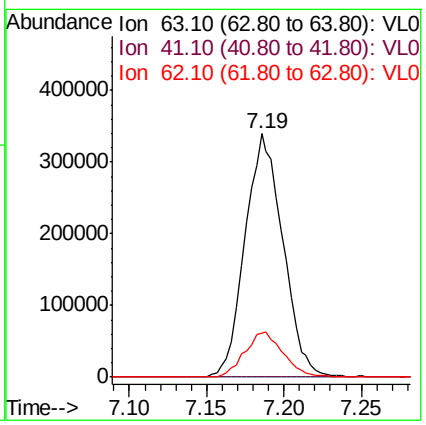


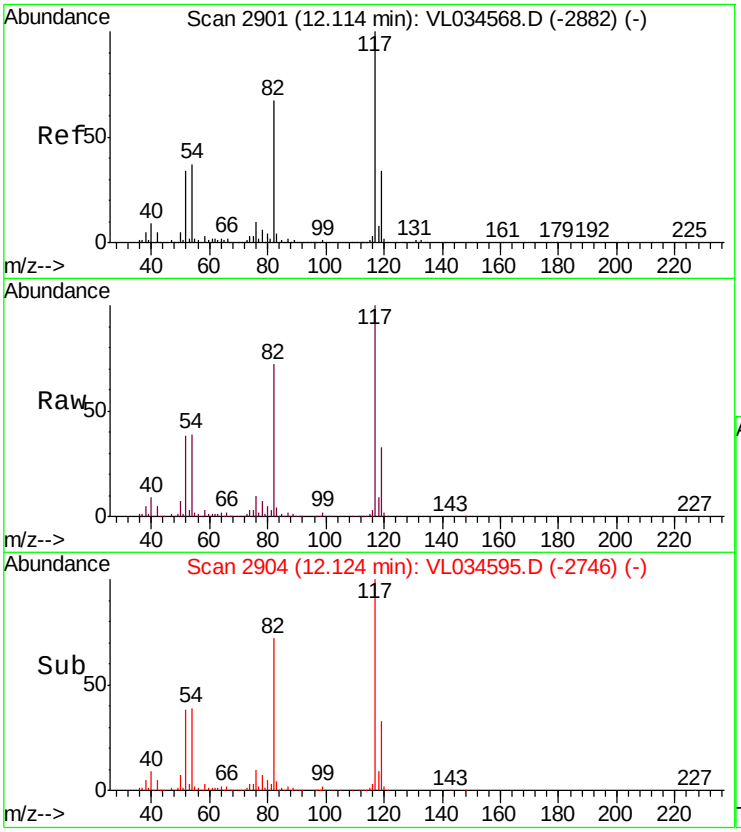


#39
1,2-Dichloropropane
Concen: 8.058 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.44 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Tgt Ion: 63 Resp: 578573

Ion	Ratio	Lower	Upper
63	100		
41	0.0	71.0	106.4#
62	17.8	55.4	83.0#



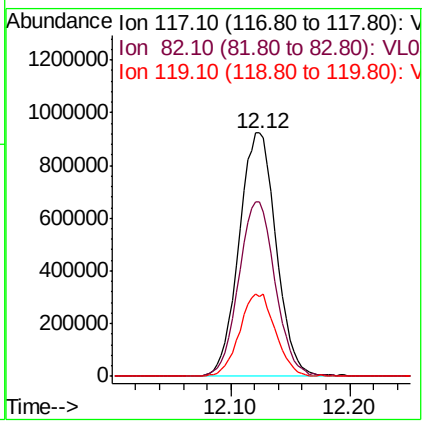


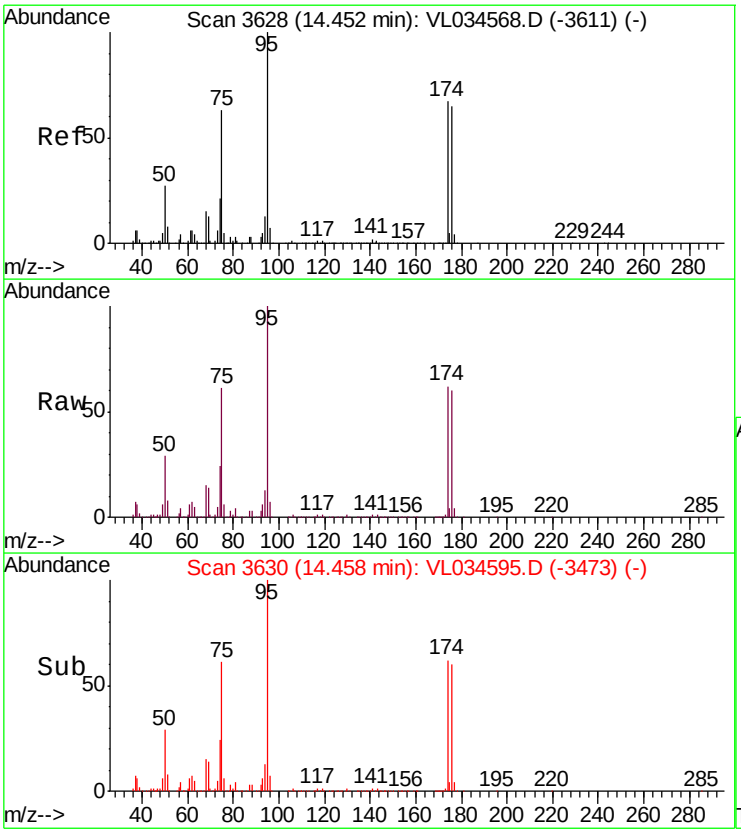
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Instrument : MSVOA_L
ClientSampleId : SG-1DL2

Tgt Ion:117 Resp: 1990726

Ion	Ratio	Lower	Upper
117	100		
82	71.0	54.2	81.4
119	33.0	26.1	39.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.184 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.01 min
Lab File: VL034595.D
Acq: 5 Feb 2020 1:07

Tgt Ion: 95 Resp: 1713438

Ion	Ratio	Lower	Upper
95	100		
174	63.4	52.3	78.5
175	4.4	3.8	5.6