Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012021\
Data File : VL036255.D
Acq On : 20 Jan 2021 20:41
Operator : SY/AP
Sample : QC122920 CAN 10268
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC122920 CAN 10268

Quant Time: Jan 21 01:36:33 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1407453	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2976454	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2649505	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2221257	10.13	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.96	51	6424	0.037	ppbv #	67
9) Propene	3.01	41	3895	0.047	ppbv #	14
15) Acetone	3.86	43	35725	0.207	ppbv #	1
20) Methylene Chloride	4.34	84	12293	0.223	ppbv #	72
26) Hexane	5.68	57	6376	0.044	ppbv #	1
27) Carbon Disulfide	4.55	76	4785	0.042	ppbv #	53
39) 1,2-Dichloropropane	7.17	63	891073	8.047	ppbv #	22

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

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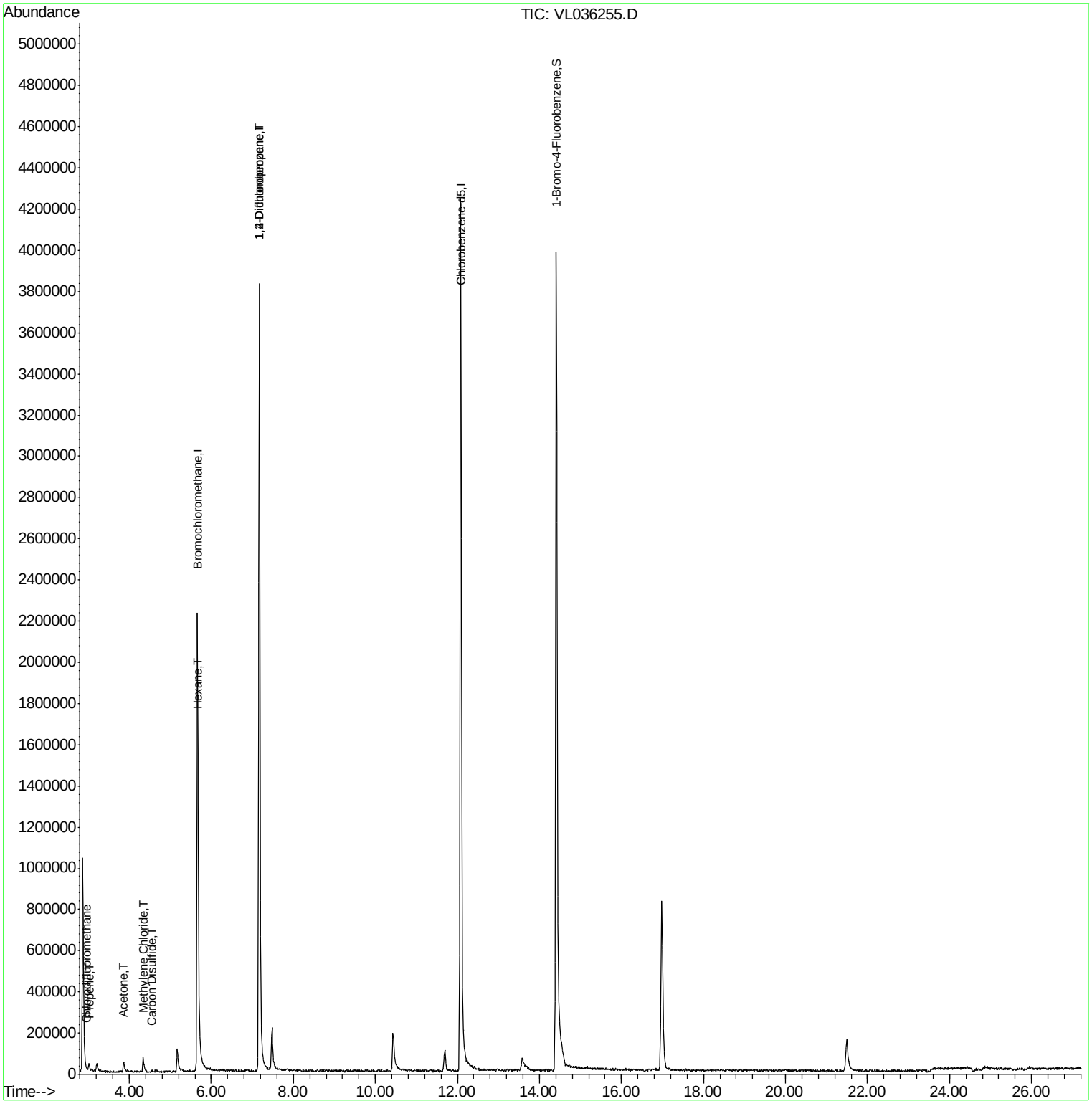
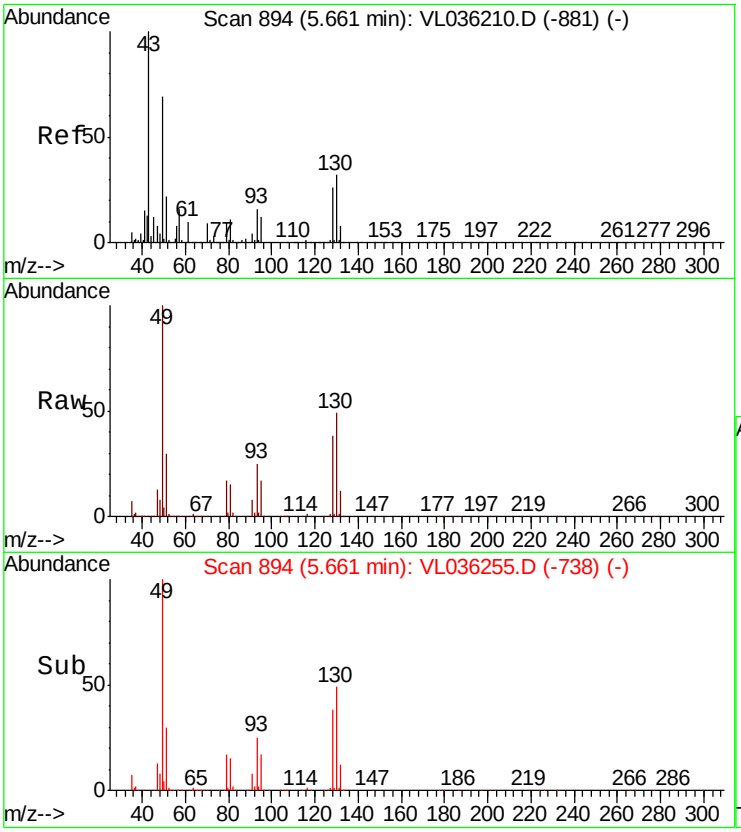


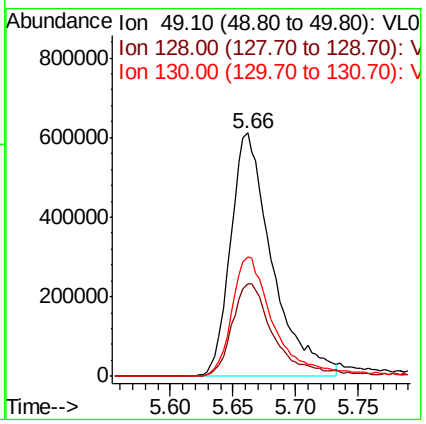


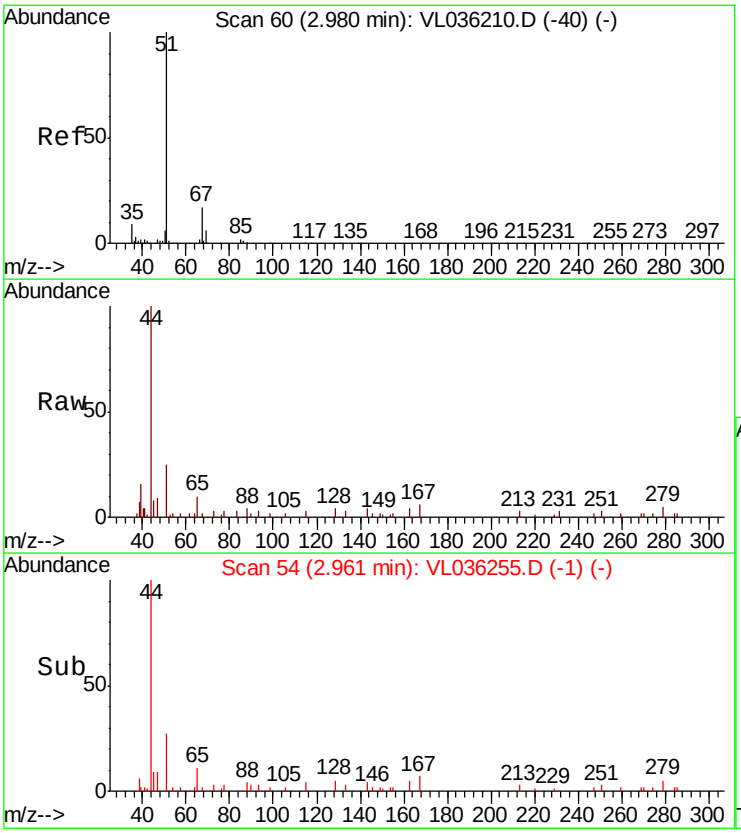
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268

Tgt Ion: 49 Resp: 1407453

Ion	Ratio	Lower	Upper
49	100		
128	39.9	20.1	60.2
130	51.2	25.3	75.9

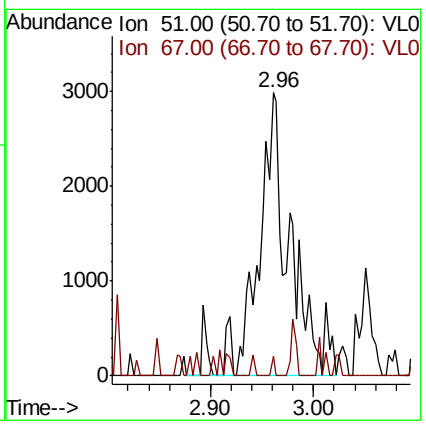


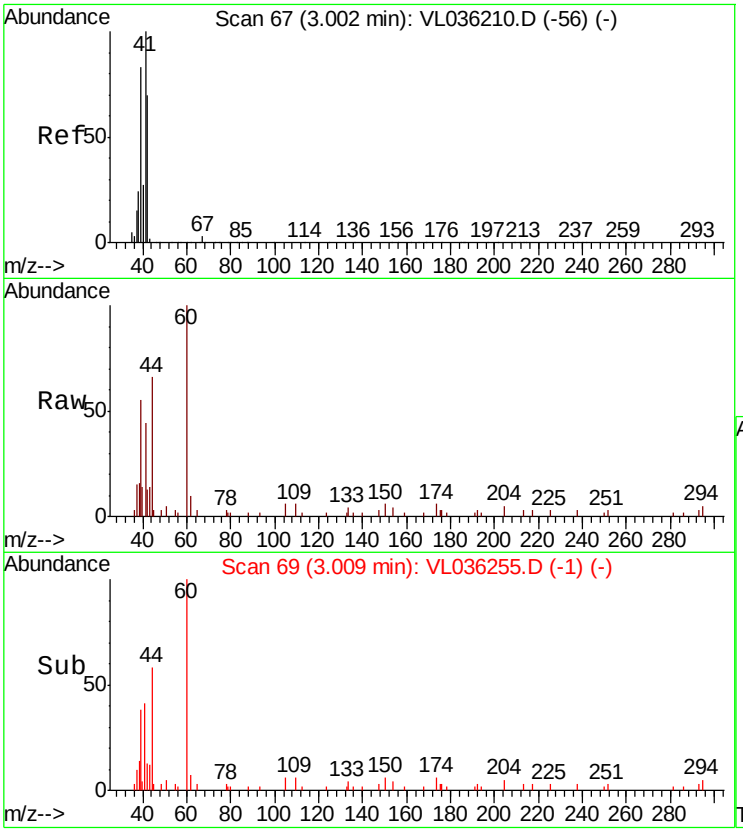


#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.02 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Tgt Ion: 51 Resp: 6424

Ion	Ratio	Lower	Upper
51	100		
67	3.3	14.0	21.0#



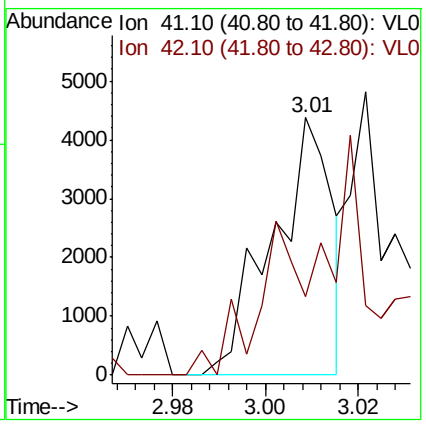


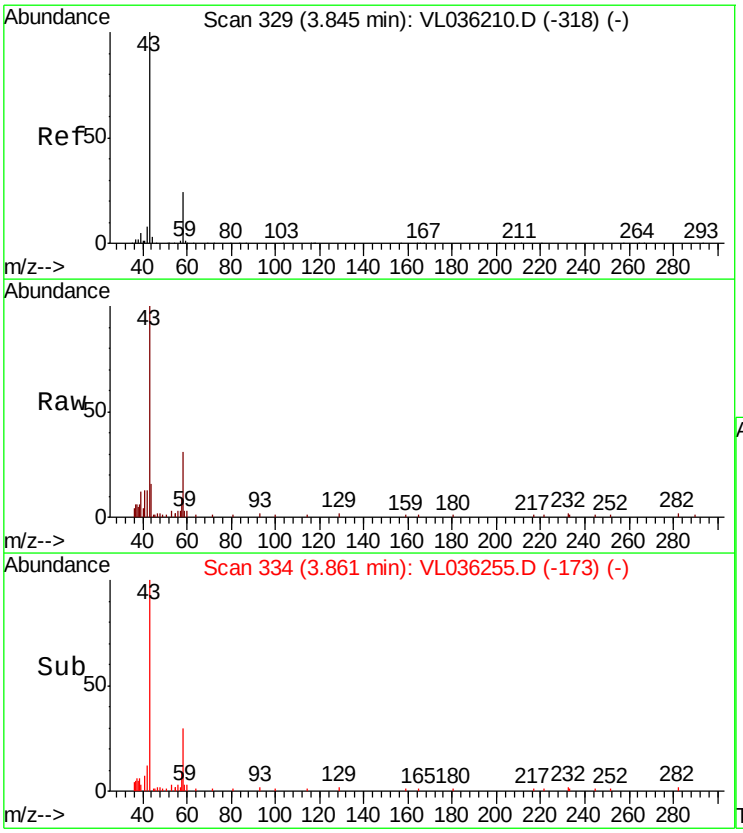
#9
Propene
Concen: 0.047 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268

Tgt Ion: 41 Resp: 3895

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.1	85.7#

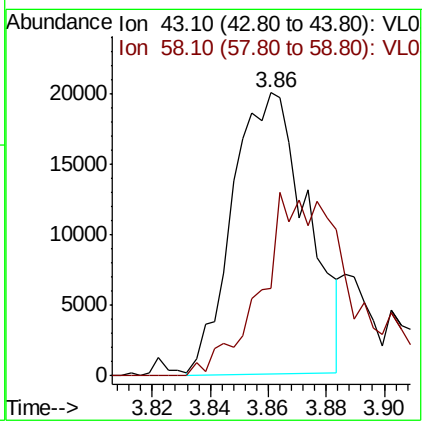


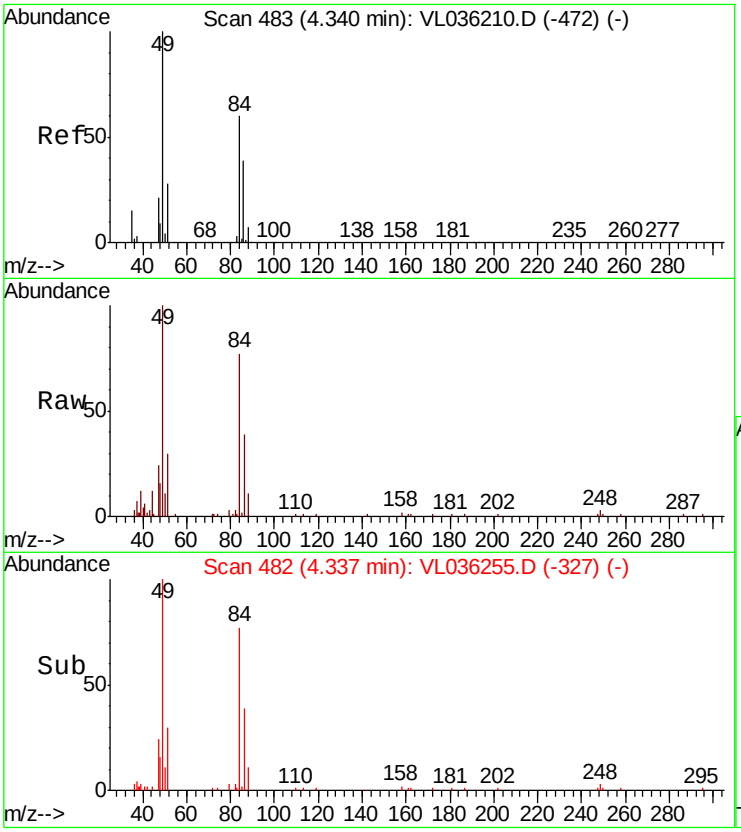


#15
Acetone
Concen: 0.207 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Tgt Ion: 43 Resp: 35725

Ion	Ratio	Lower	Upper
43	100		
58	89.8	20.9	31.3#



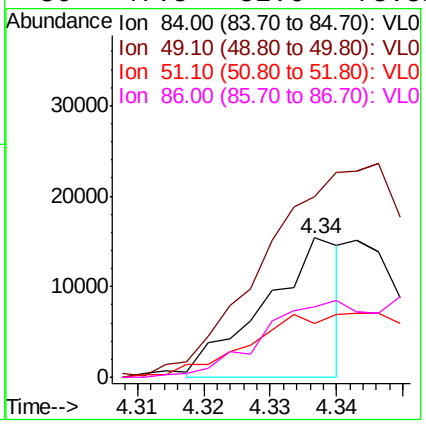


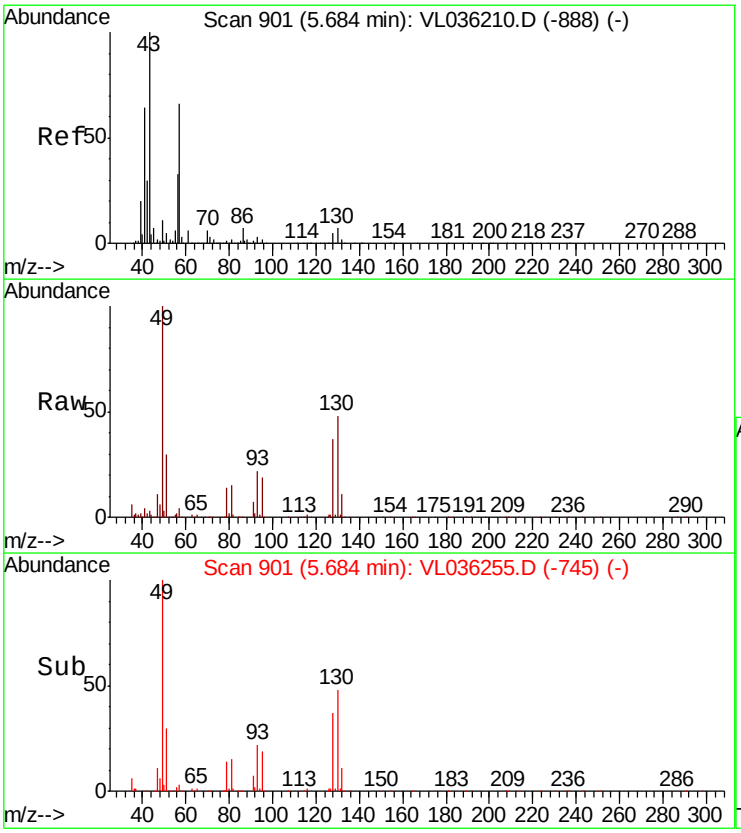
#20
Methylene Chloride
Concen: 0.223 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument : MSVOA_L
ClientSampleId : QC122920 CAN 10268

Tgt Ion: 84 Resp: 12293

Ion	Ratio	Lower	Upper
84	100		
49	124.5	134.1	201.1#
51	30.7	37.4	56.0#
86	47.5	52.6	78.8#

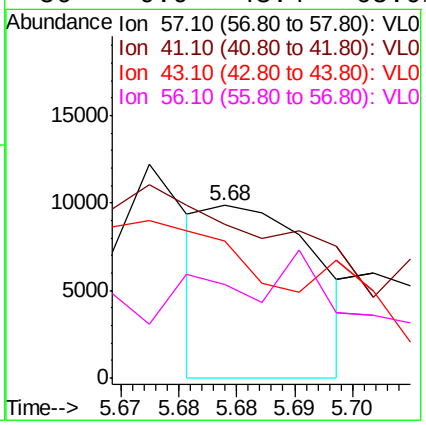


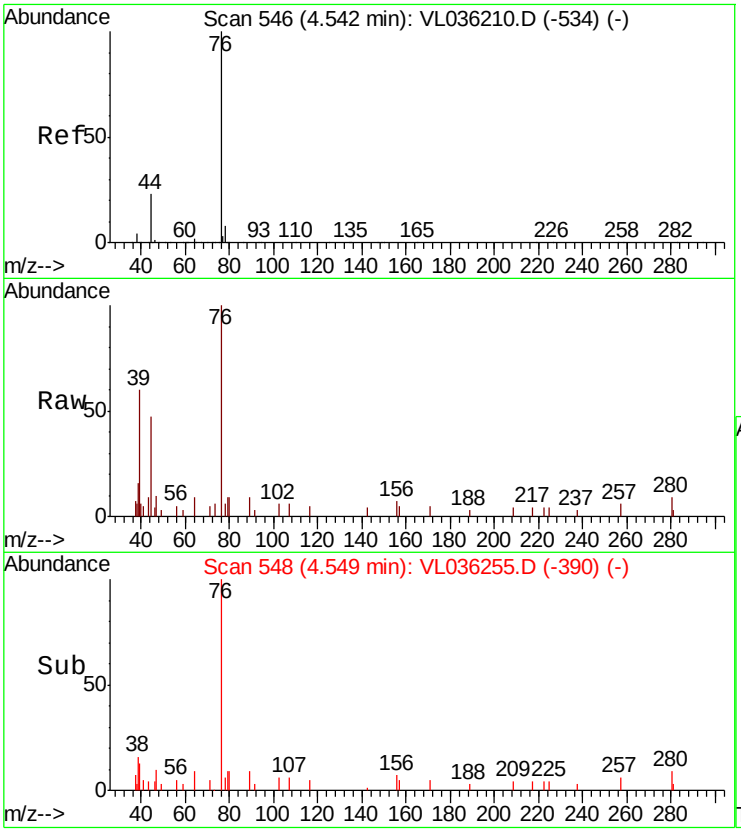


#26
Hexane
Concen: 0.044 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Tgt Ion: 57 Resp: 6376

Ion	Ratio	Lower	Upper
57	100		
41	0.0	83.0	124.6#
43	0.0	202.4	303.6#
56	0.0	43.4	65.0#



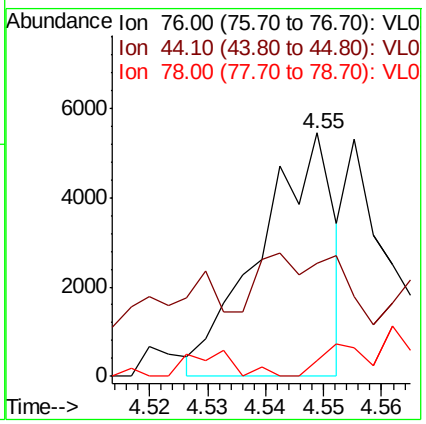


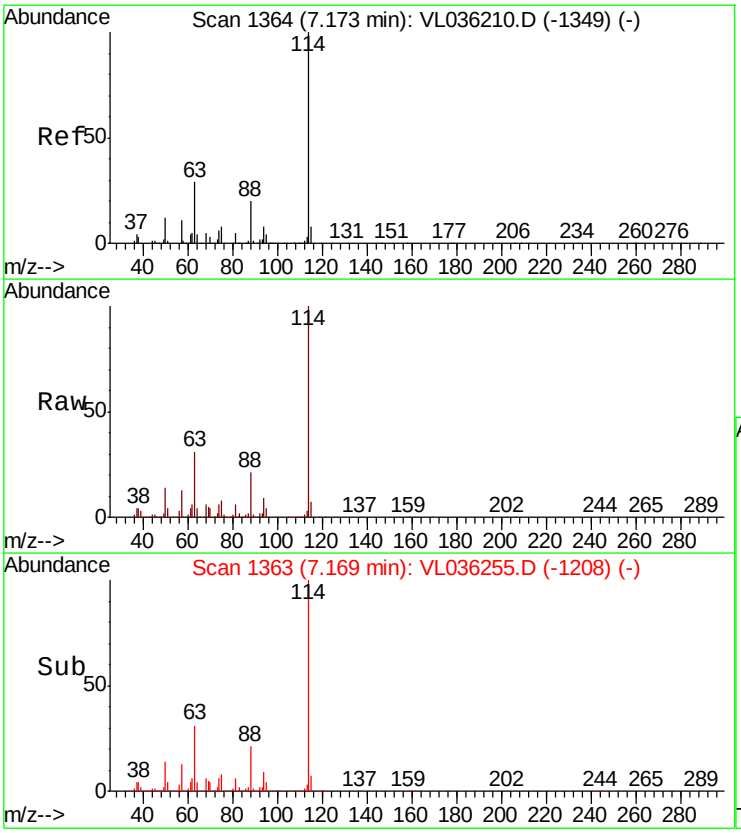
#27
Carbon Disulfide
Concen: 0.042 ppbv
RT: 4.55 min Scan# 548
Delta R.T. 0.01 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268

Tgt Ion: 76 Resp: 4785

Ion	Ratio	Lower	Upper
76	100		
44	51.1	19.0	28.6#
78	0.0	8.0	12.0#

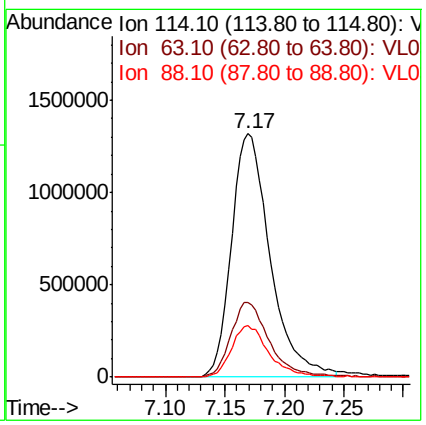


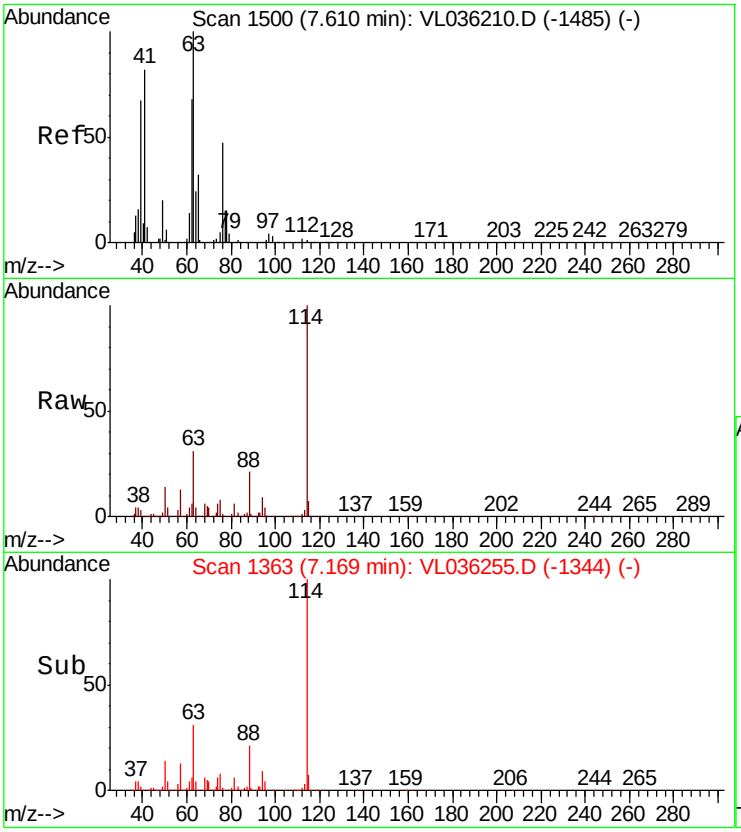


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Tgt Ion:114 Resp: 2976454

Ion	Ratio	Lower	Upper
114	100		
63	31.0	24.7	37.1
88	20.7	16.6	24.8



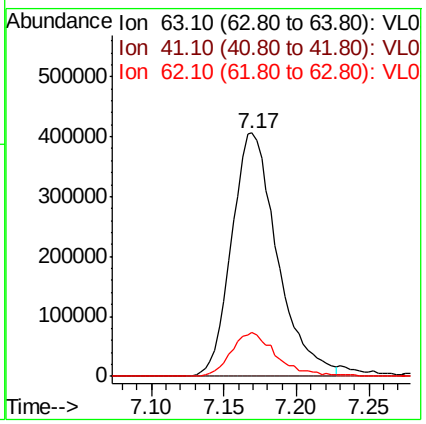


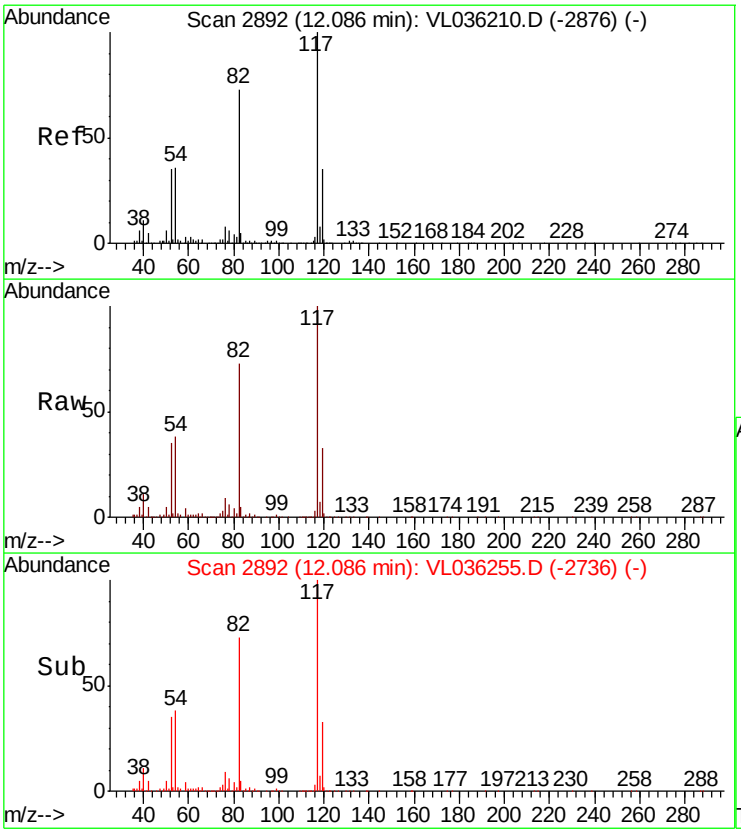
#39
1,2-Dichloropropane
Concen: 8.047 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.44 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268

Tgt Ion: 63 Resp: 891073

Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	18.0	54.8	82.2#

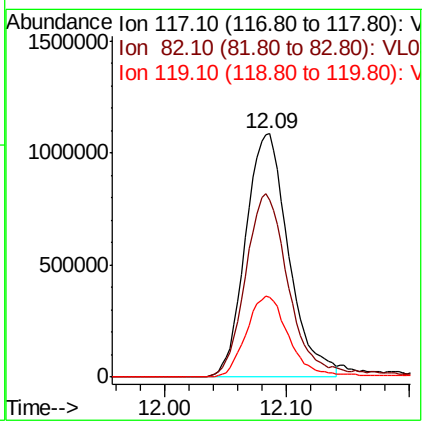


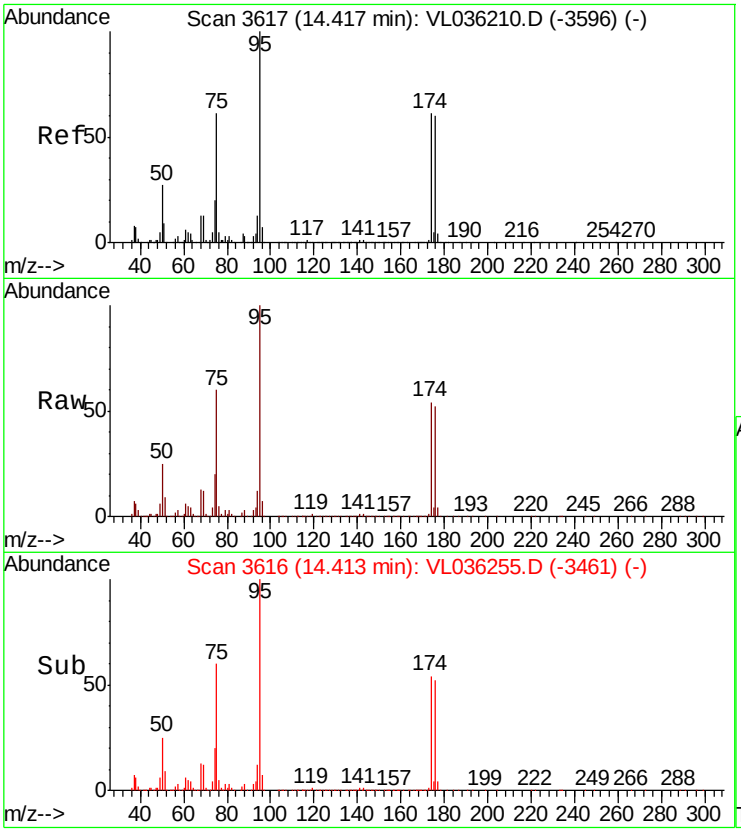


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.00 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Tgt Ion:117 Resp: 2649505

Ion	Ratio	Lower	Upper
117	100		
82	79.4	59.7	89.5
119	34.0	28.6	43.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.129 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268

Tgt Ion: 95 Resp: 2221257

Ion	Ratio	Lower	Upper
95	100		
174	62.8	49.4	74.0
175	4.7	3.8	5.8