Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020321\
Data File : VL036298.D
Acq On : 3 Feb 2021 17:57
Operator : SY/AP
Sample : M1295-06 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Feb 04 01:47:36 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	5.69	49	1605321	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3408282	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	3124447	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2495752	9.65	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.02	51	9752	0.049	ppbv #	89
4) Chloromethane	3.15	50	4130	0.042	ppbv #	43
9) Propene	3.03	41	4248	0.045	ppbv #	1
13) Ethanol	3.61	45	458	0.031	ppbv #	29
15) Acetone	3.89	43	69655	0.354	ppbv #	51
20) Methylene Chloride	4.37	84	58988	0.940	ppbv	99
25) Ethyl Acetate	5.71	43	20861	0.053	ppbv #	72
26) Hexane	5.71	57	26493	0.161	ppbv #	35
29) Chloroform	5.77	83	9044	0.038	ppbv	87
31) cis-1,2-Dichloroethene	5.57	61	127992	0.815	ppbv	94
39) 1,2-Dichloropropane	7.20	63	1010967	7.973	ppbv #	22

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

Quantitation Report (Not Reviewed)

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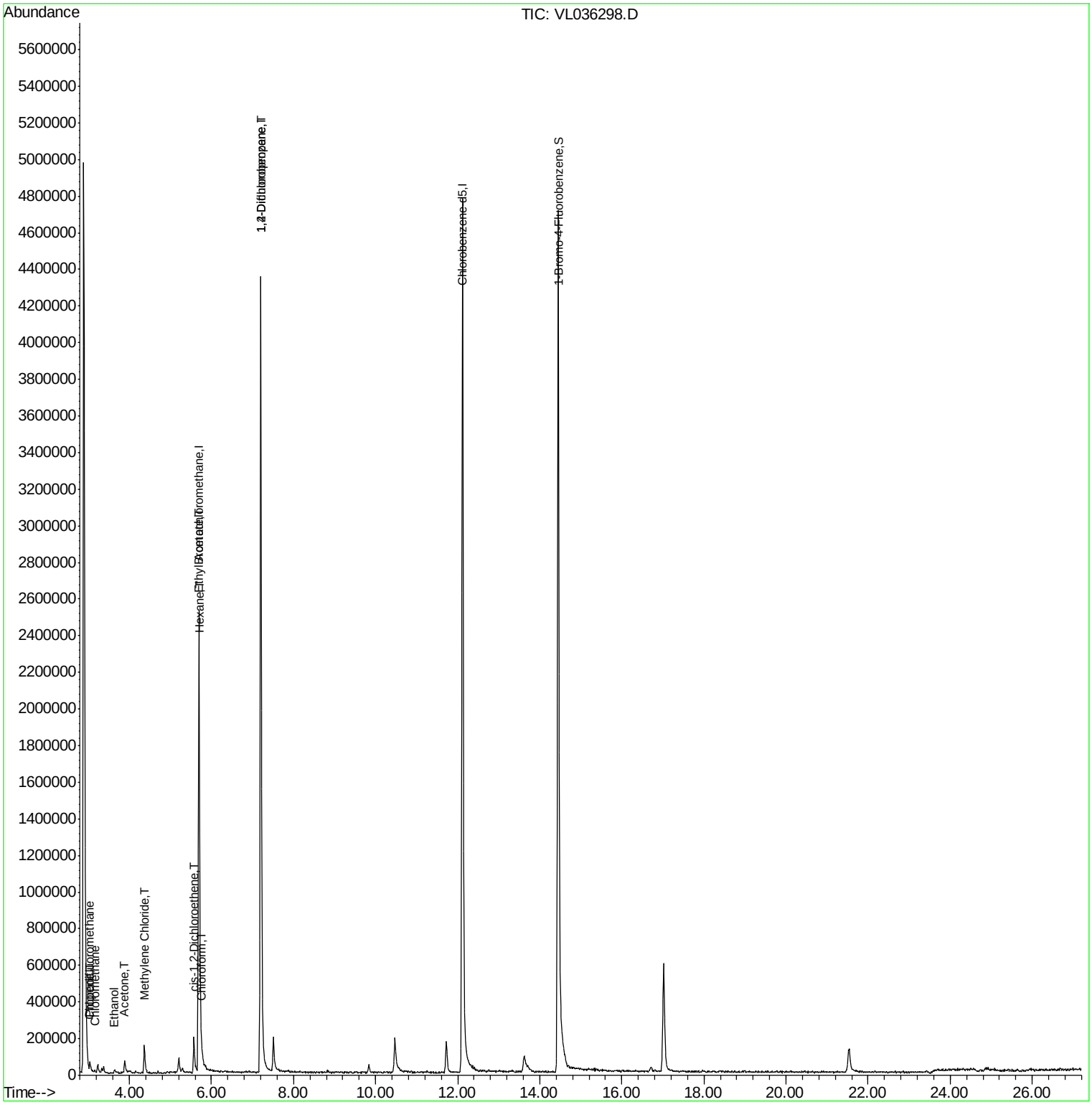
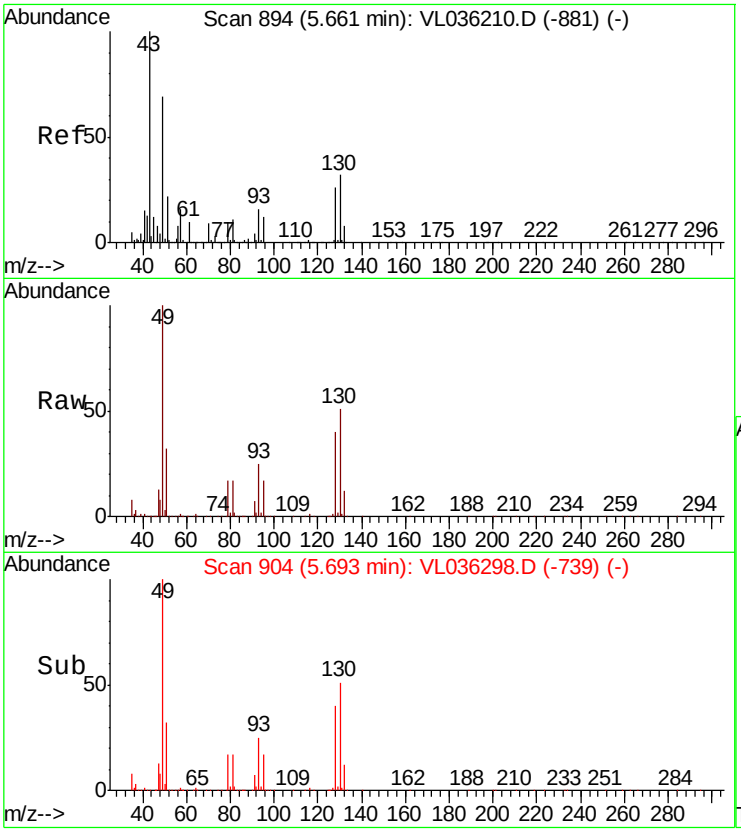


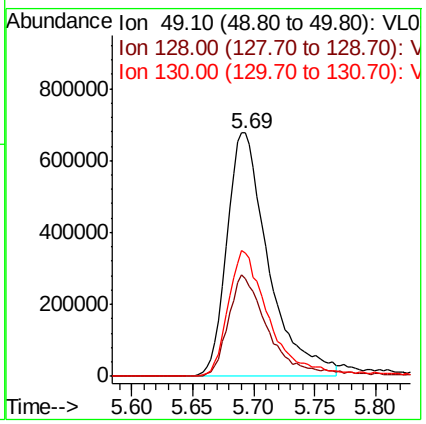


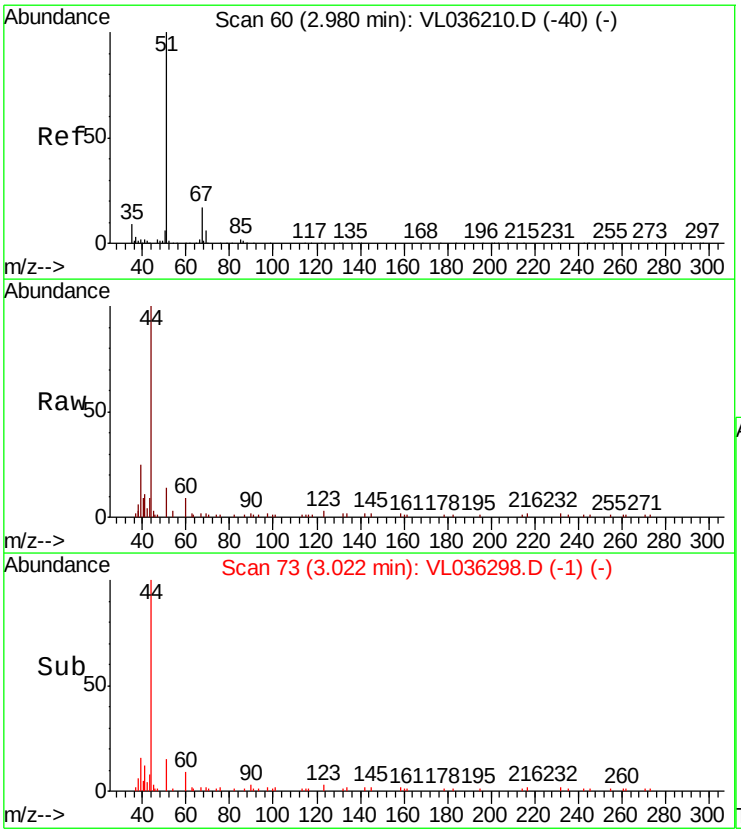
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1605321

Ion	Ratio	Lower	Upper
49	100		
128	41.3	20.1	60.2
130	53.0	25.3	75.9

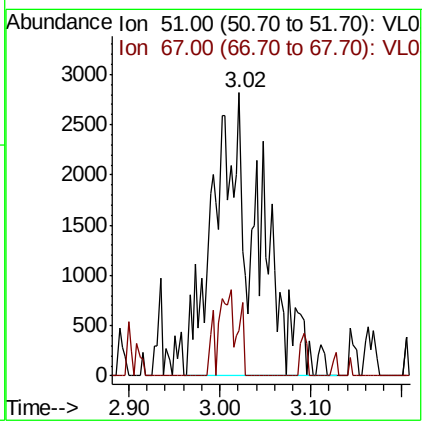


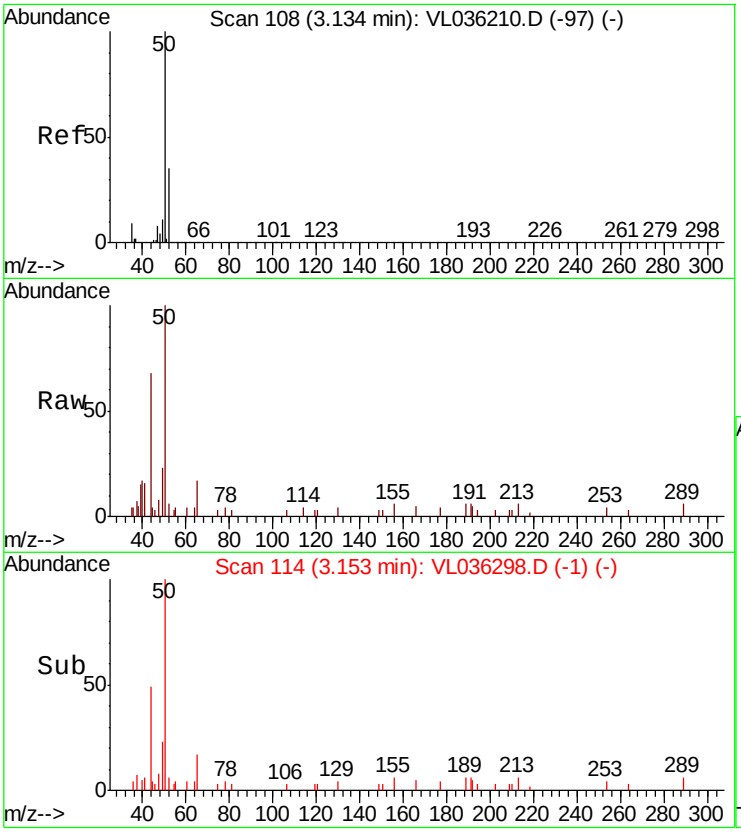


#3
Chlorodifluoromethane
Concen: 0.049 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.04 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion: 51 Resp: 9752

Ion	Ratio	Lower	Upper
51	100		
67	12.9	14.0	21.0#



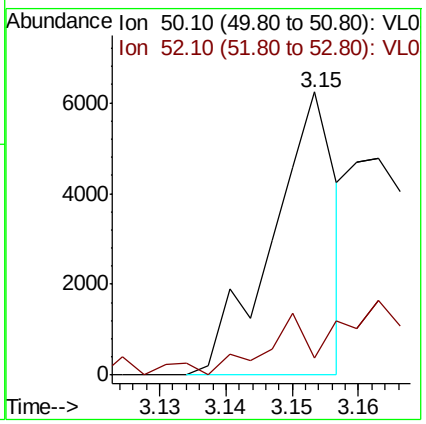


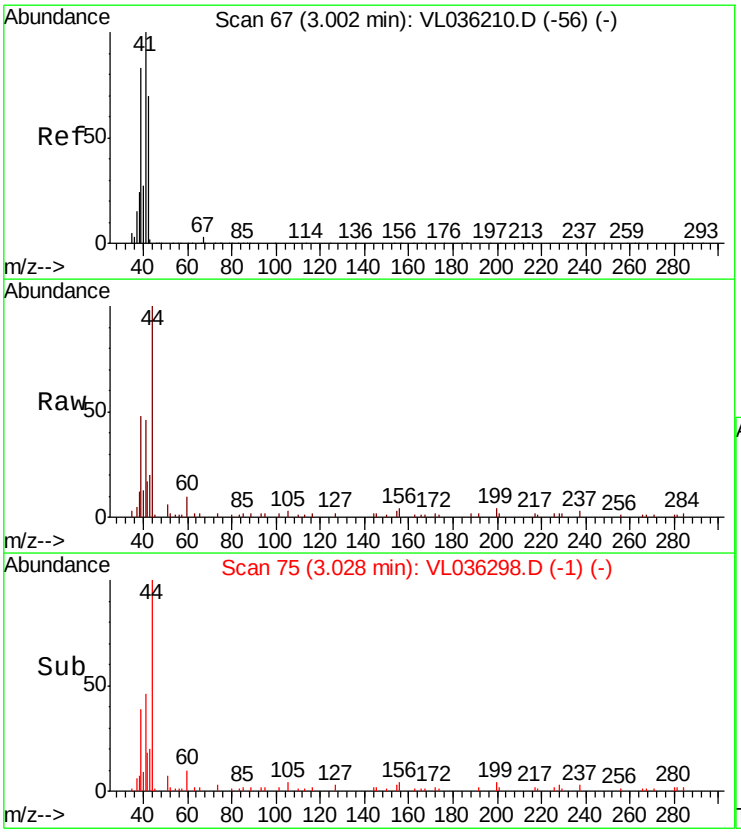
#4
Chloromethane
Concen: 0.042 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.02 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 4130

Ion	Ratio	Lower	Upper
50	100		
52	1.6	27.8	41.8#

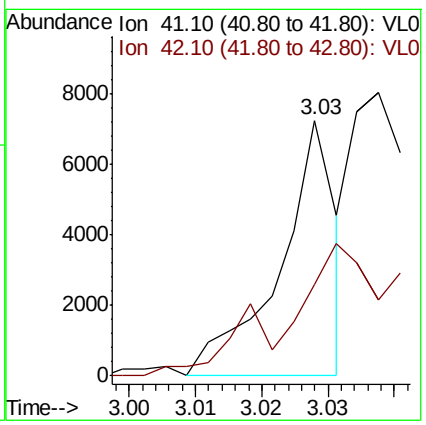


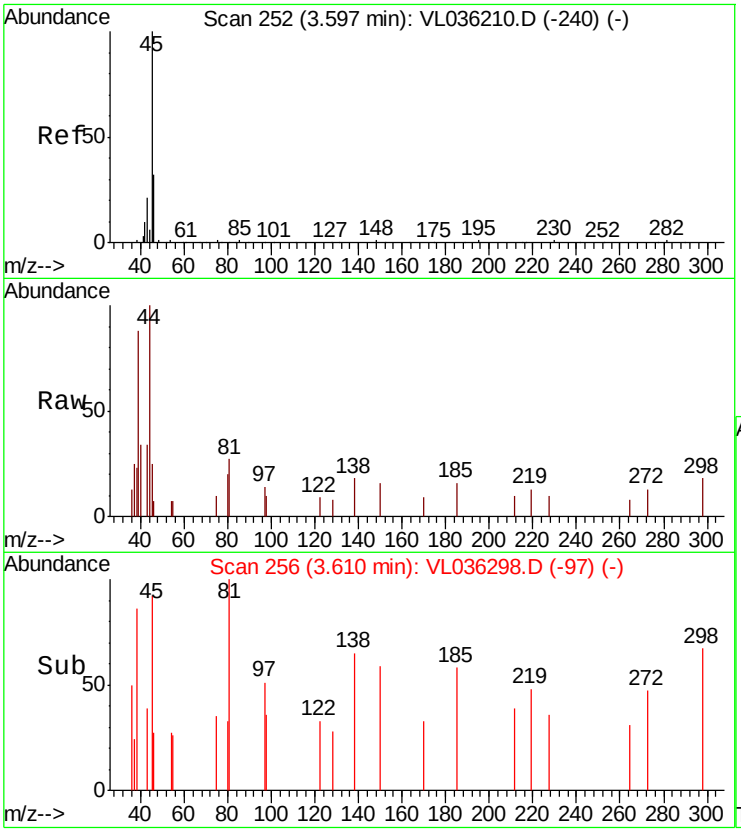


#9
Propene
Concen: 0.045 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion: 41 Resp: 4248

Ion	Ratio	Lower	Upper
41	100		
42	173.0	57.1	85.7#



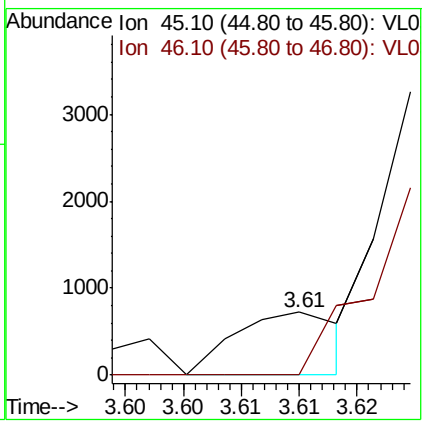


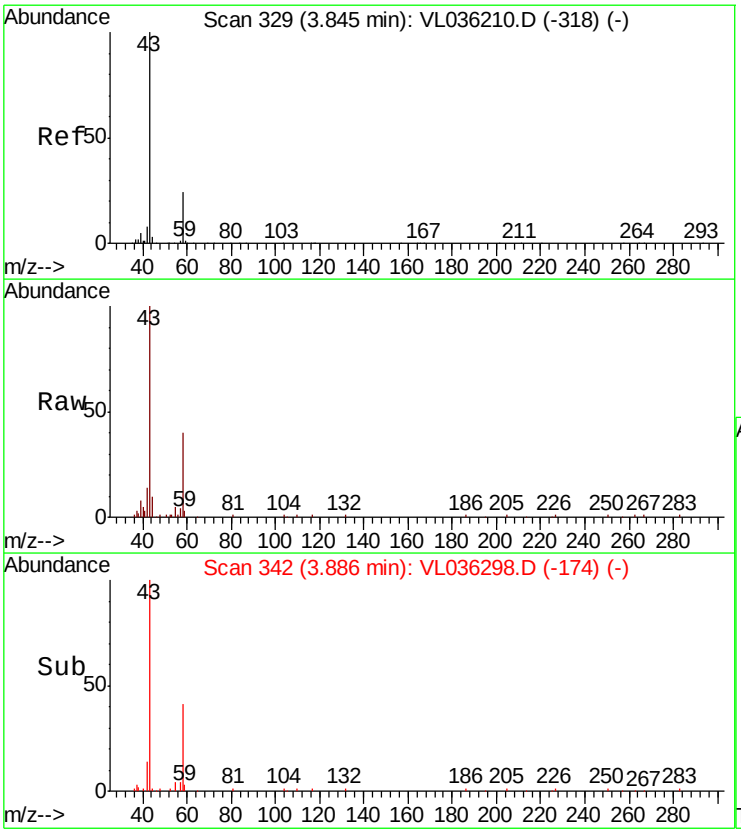
#13
Ethanol
Concen: 0.031 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 458

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.2	77.0#

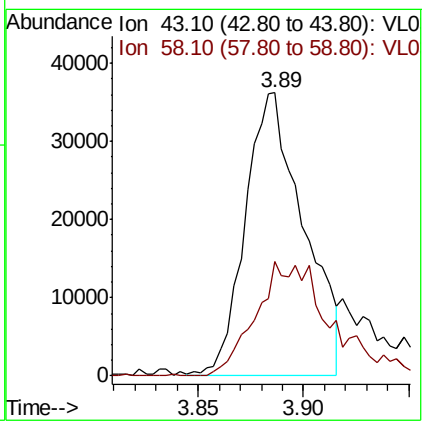


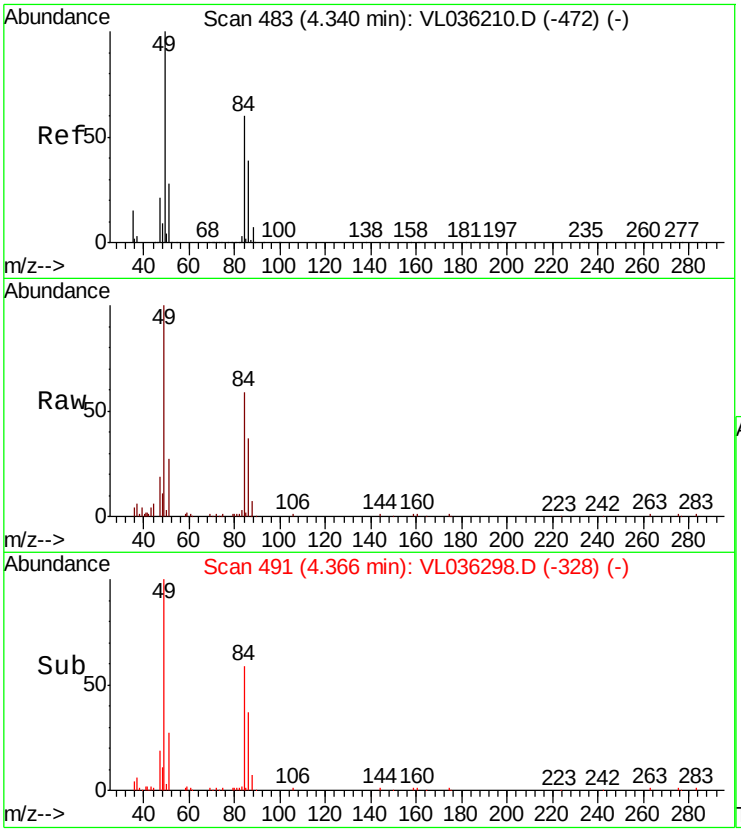


#15
Acetone
Concen: 0.354 ppbv
RT: 3.89 min Scan# 342
Delta R.T. 0.04 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion: 43 Resp: 69655

Ion	Ratio	Lower	Upper
43	100		
58	51.3	20.9	31.3#



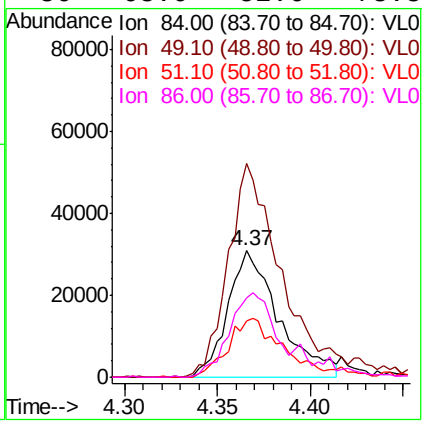


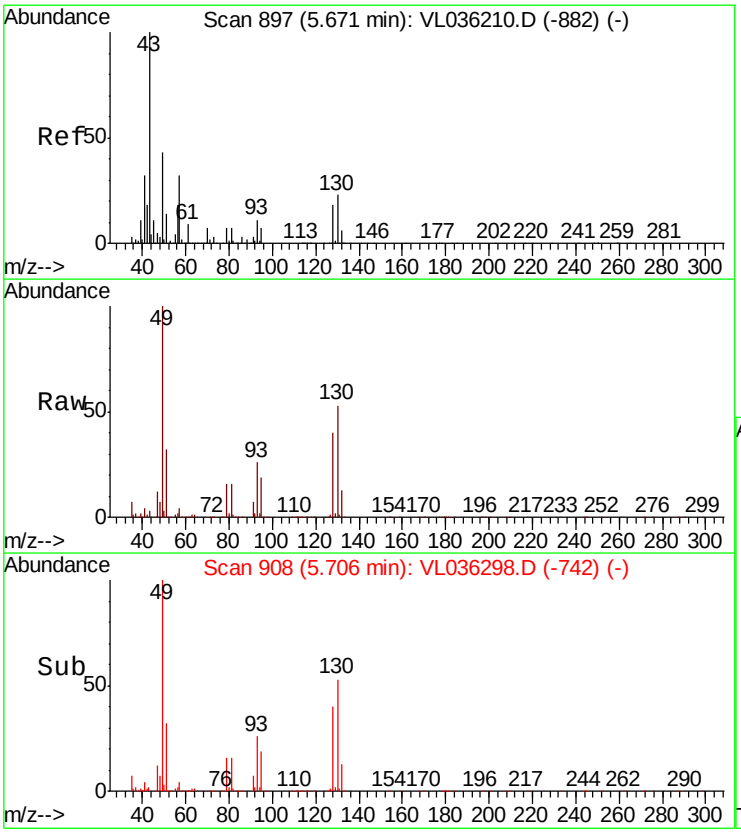
#20
Methylene Chloride
Concen: 0.940 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 58988

Ion	Ratio	Lower	Upper
84	100		
49	167.2	134.1	201.1
51	44.9	37.4	56.0
86	63.0	52.6	78.8

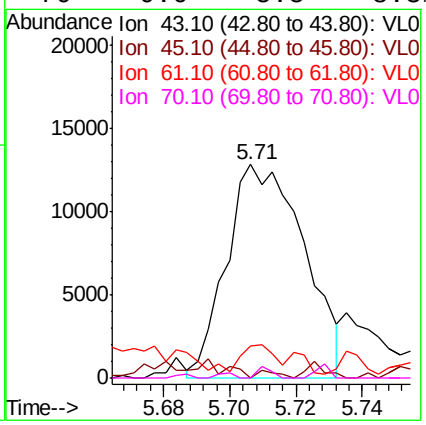


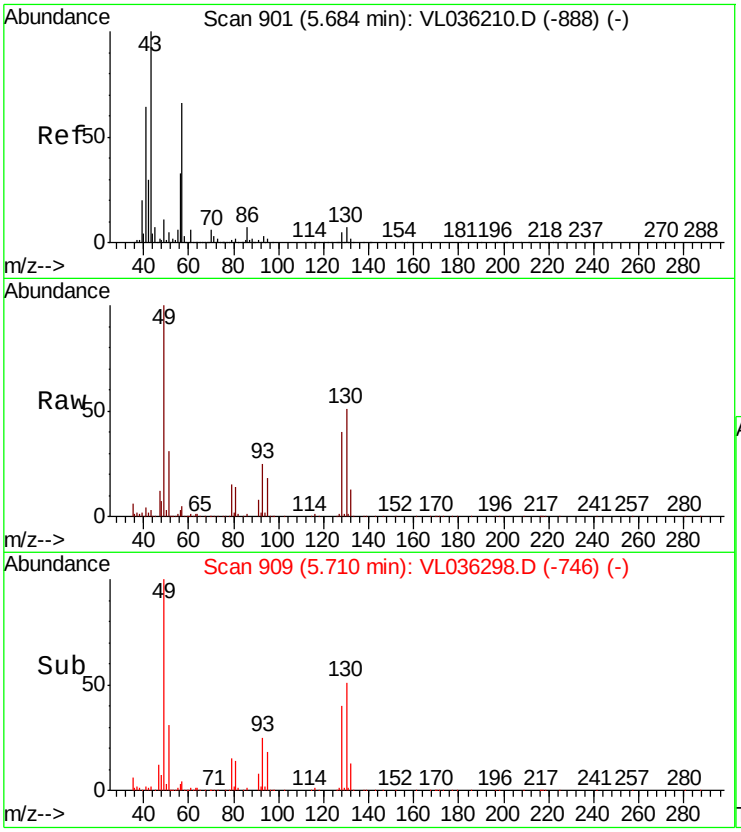


#25
Ethyl Acetate
Concen: 0.053 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.04 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion: 43 Resp: 20861

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.3	12.5#
61	21.2	7.4	11.2#
70	0.0	5.5	8.3#



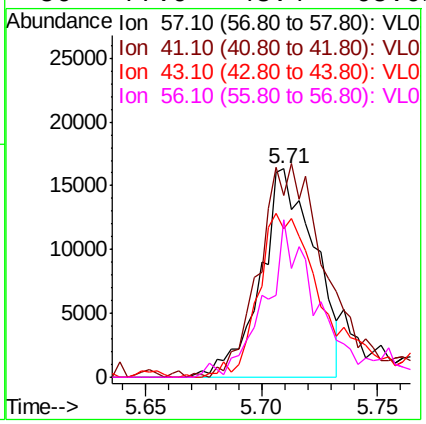


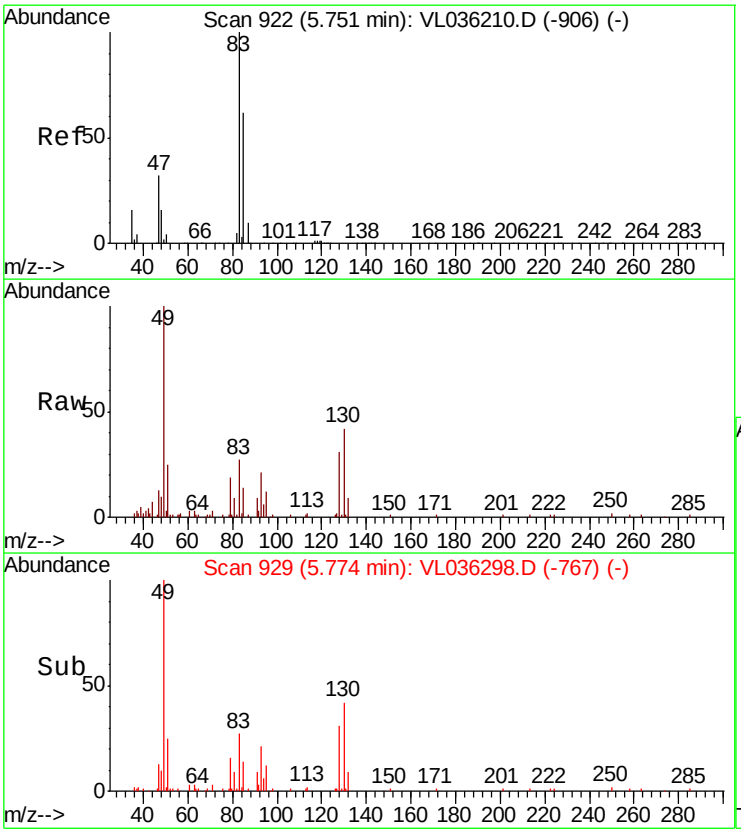
#26
Hexane
Concen: 0.161 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 26493

Ion	Ratio	Lower	Upper
57	100		
41	133.6	83.0	124.6#
43	100.1	202.4	303.6#
56	77.9	43.4	65.0#

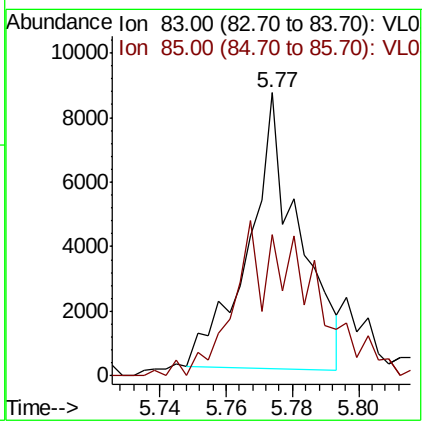


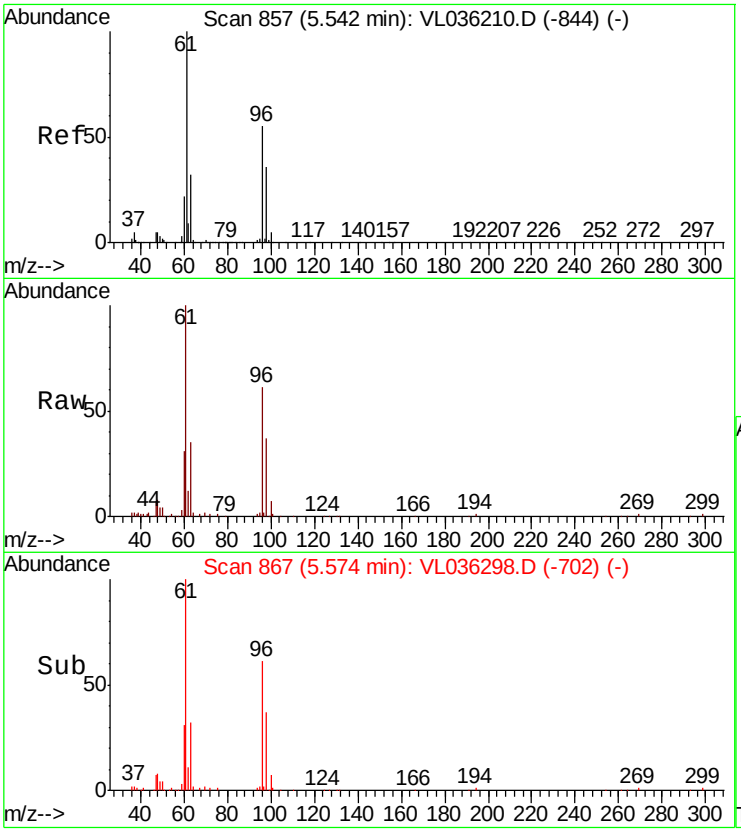


#29
Chloroform
Concen: 0.038 ppbv
RT: 5.77 min Scan# 929
Delta R.T. 0.02 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion: 83 Resp: 9044

Ion	Ratio	Lower	Upper
83	100		
85	51.7	49.3	73.9



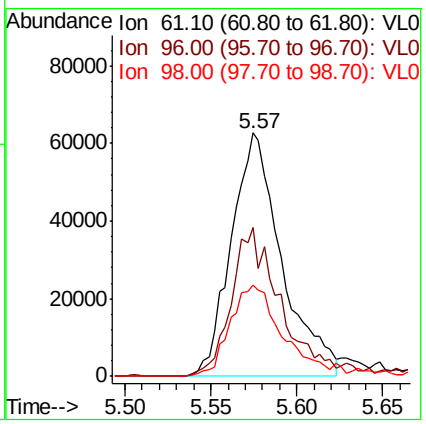


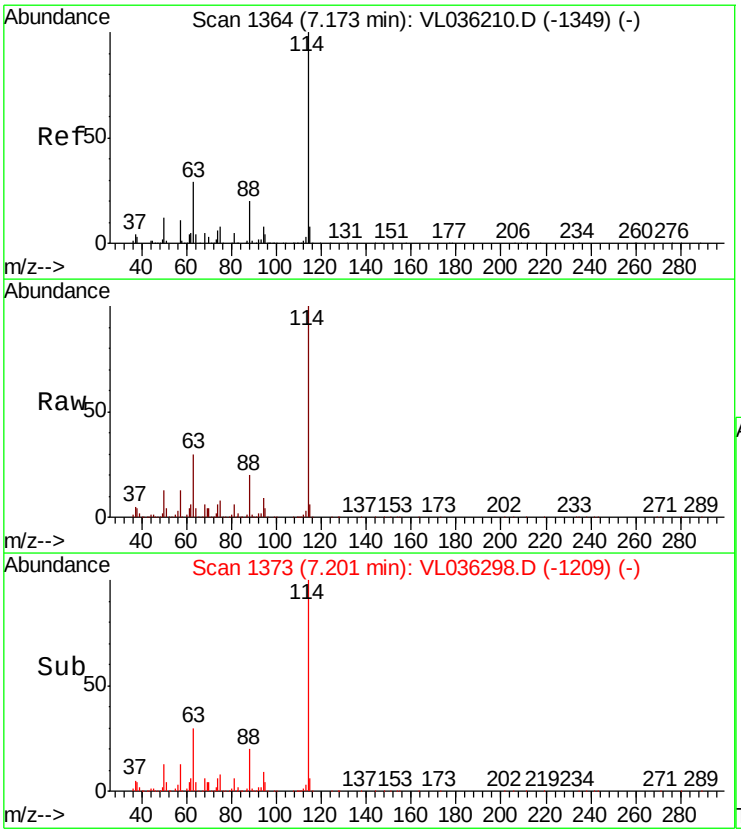
#31
cis-1,2-Dichloroethene
Concen: 0.815 ppbv
RT: 5.57 min Scan# 867
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 127992

Ion	Ratio	Lower	Upper
61	100		
96	61.1	44.1	66.1
98	36.9	28.6	42.8

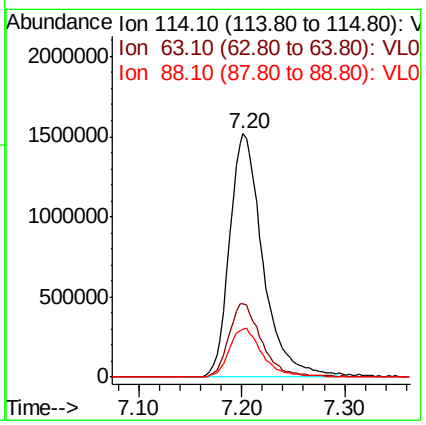


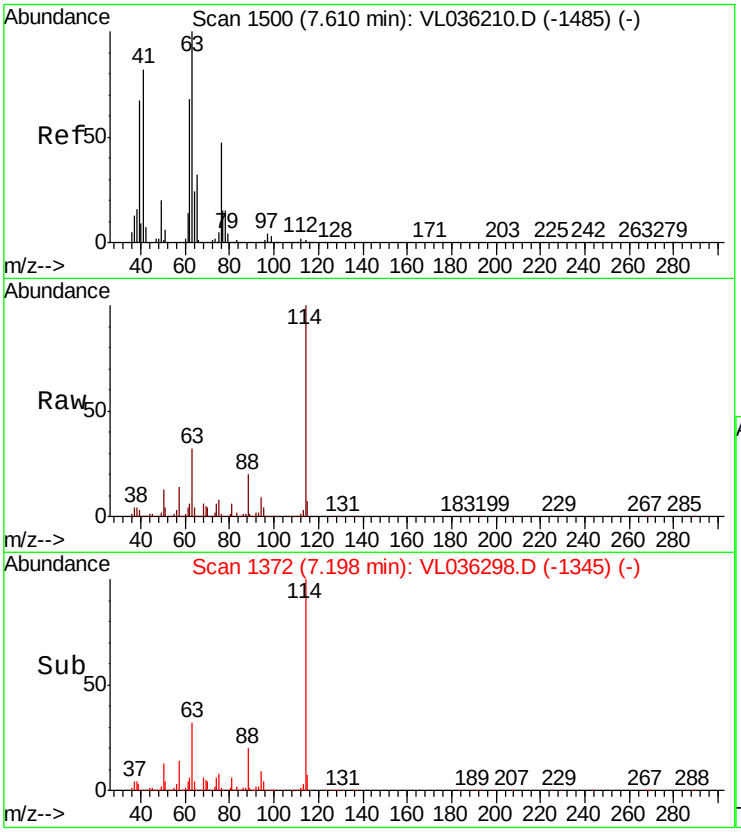


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion:114 Resp: 3408282

Ion	Ratio	Lower	Upper
114	100		
63	30.4	24.7	37.1
88	20.3	16.6	24.8



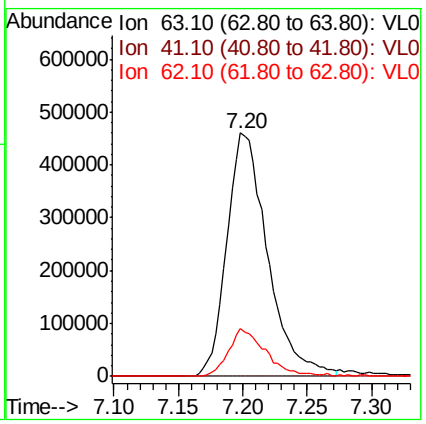


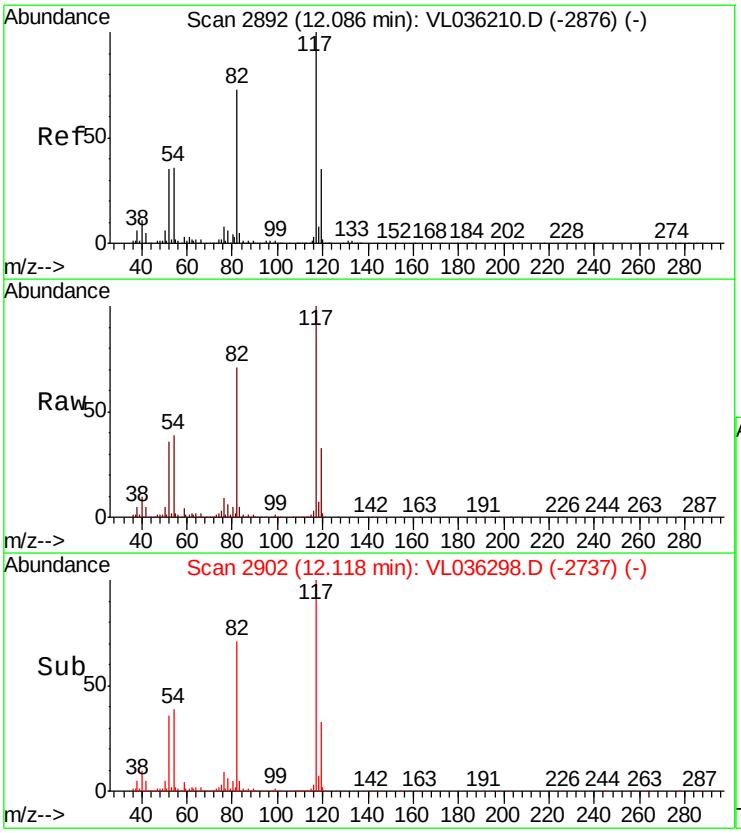
#39
1,2-Dichloropropane
Concen: 7.973 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.41 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1010967

Ion	Ratio	Lower	Upper
63	100		
41	0.1	66.1	99.1#
62	19.4	54.8	82.2#

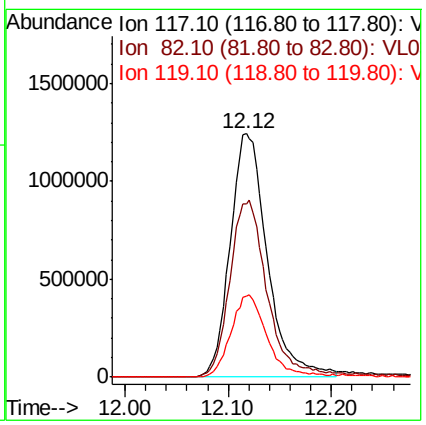


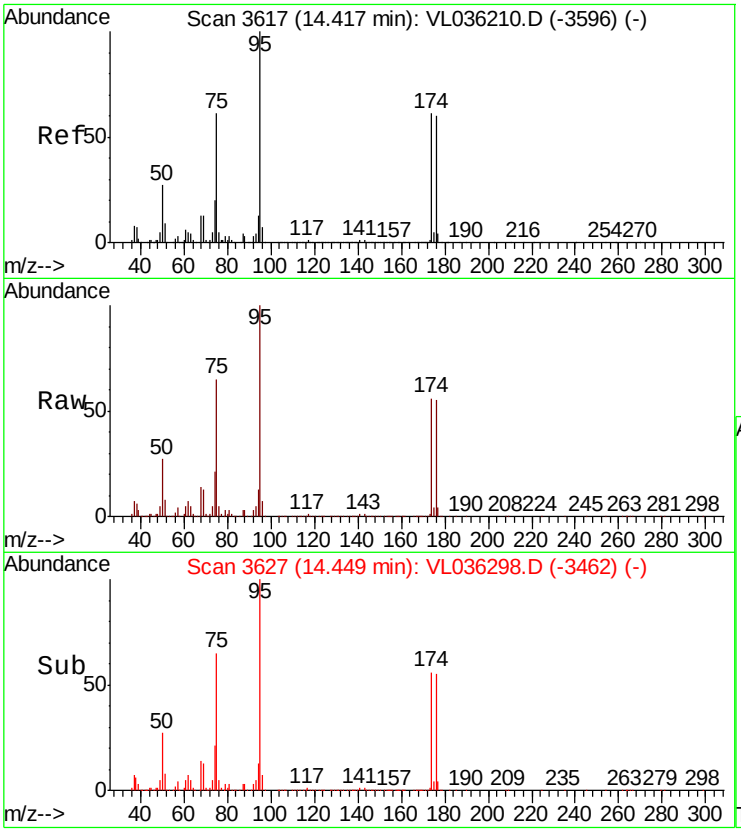


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion:117 Resp: 3124447

Ion	Ratio	Lower	Upper
117	100		
82	76.1	59.7	89.5
119	33.4	28.6	43.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.650 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.03 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2495752

Ion	Ratio	Lower	Upper
95	100		
174	66.0	49.4	74.0
175	4.7	3.8	5.8