Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090721\
Data File : VL037544.D
Acq On : 7 Sep 2021 10:56
Operator : SY/AP
Sample : CAN 10595
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10595

Quant Time: Sep 08 11:09:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1828277	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	5330936	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	4694779	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3479046	10.43	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.30%			
Target Compounds						Qvalue
13) Ethanol	3.61	45	569	0.047	ppbv #	39
15) Acetone	3.87	43	49621	0.267	ppbv #	1
20) Methylene Chloride	4.35	84	20224	0.217	ppbv #	82
26) Hexane	5.68	57	9151	0.040	ppbv #	57
39) 1,2-Dichloropropane	7.17	63	1242742	7.217	ppbv #	26
80) Naphthalene,2-methyl-	25.02	142	5274	0.046	ppbv	87

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

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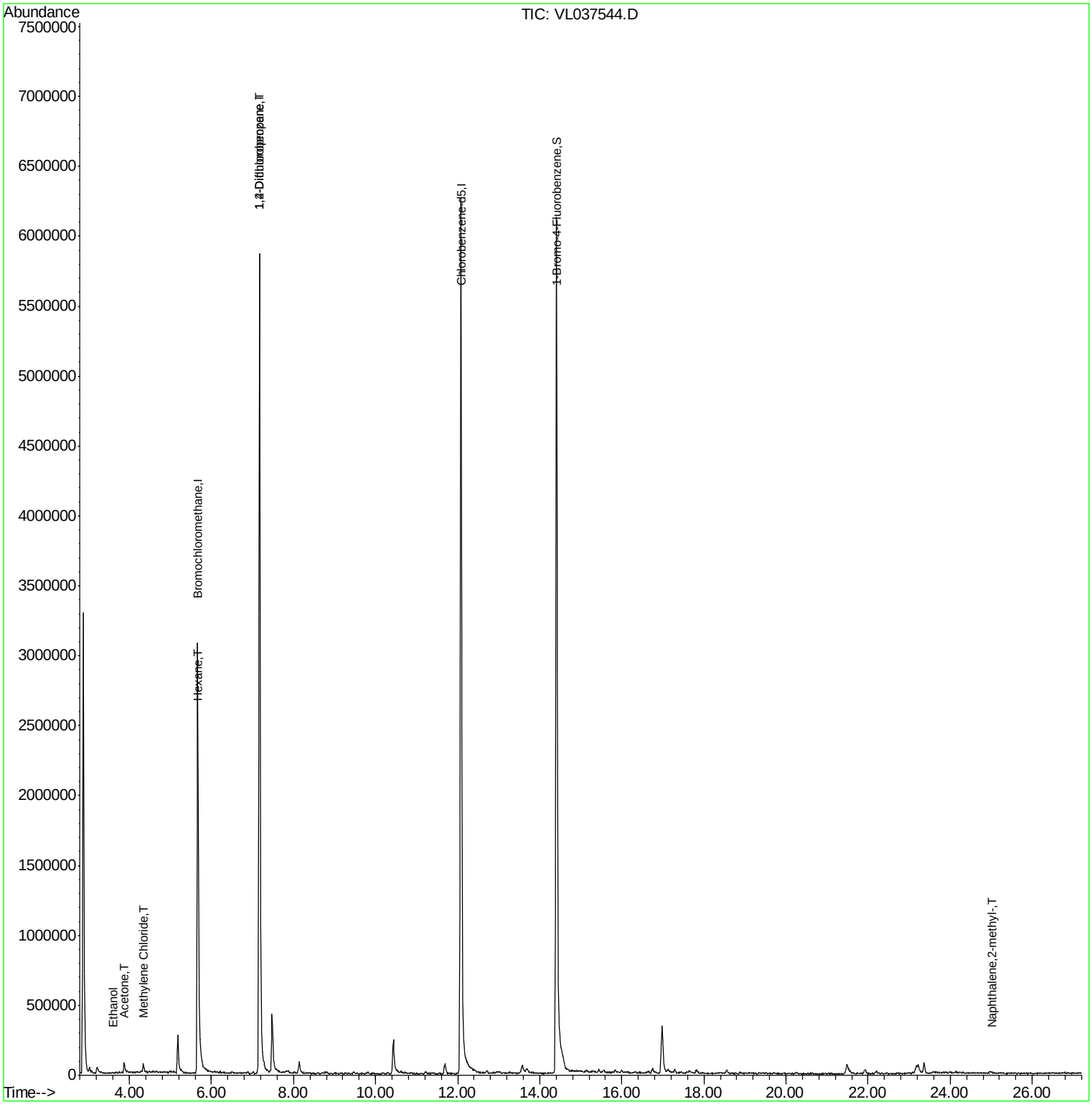
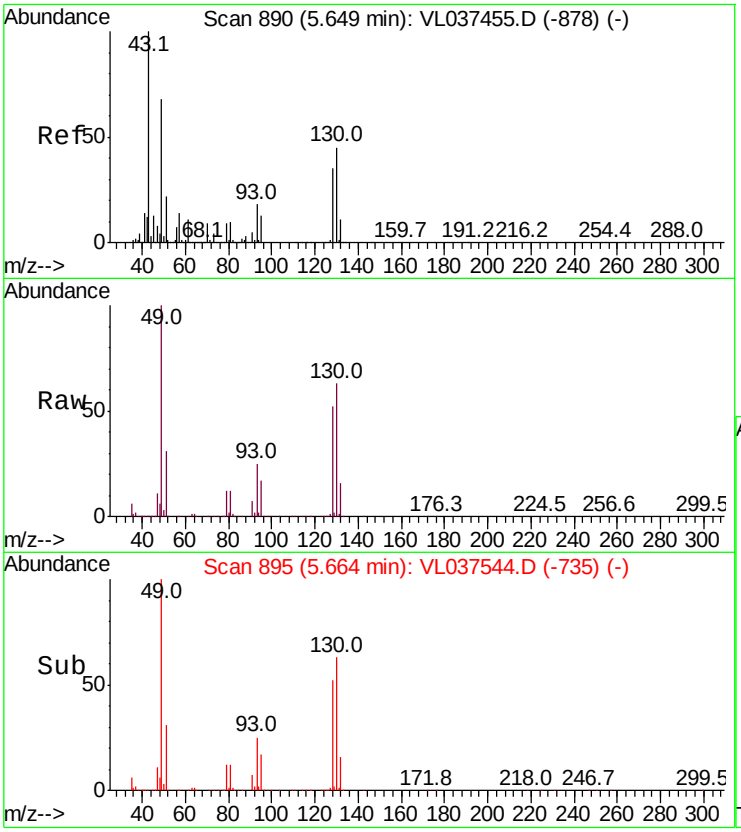


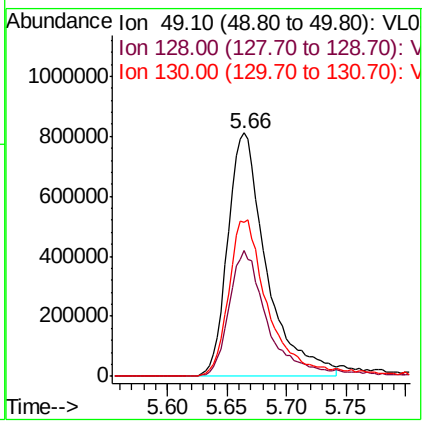


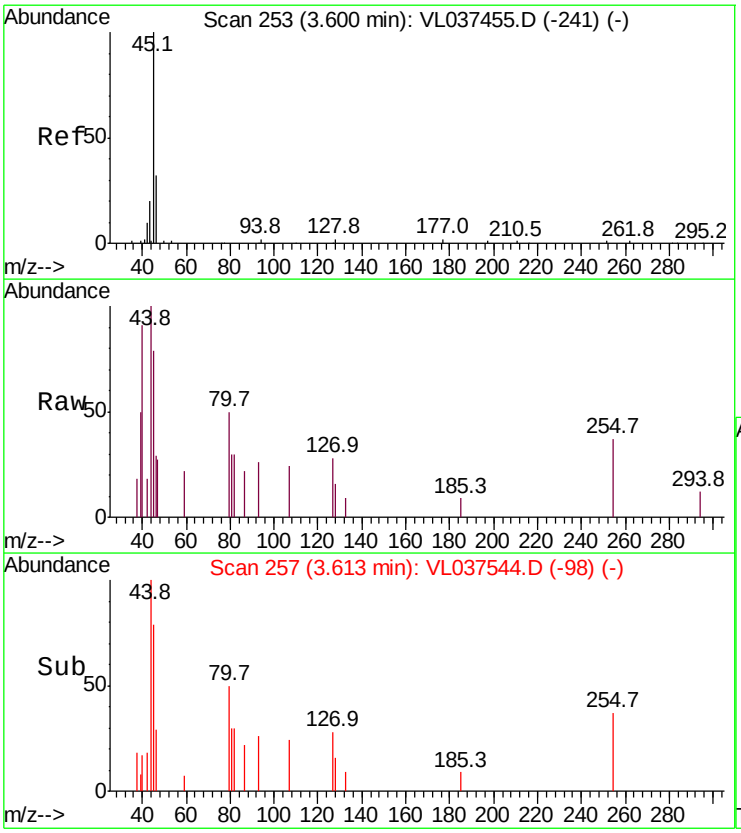
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.02 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10595

Tgt Ion: 49 Resp: 1828277

Ion	Ratio	Lower	Upper
49	100		
128	52.7	27.5	82.4
130	68.9	34.0	101.8

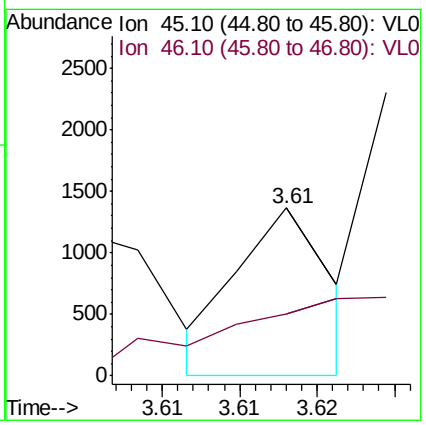


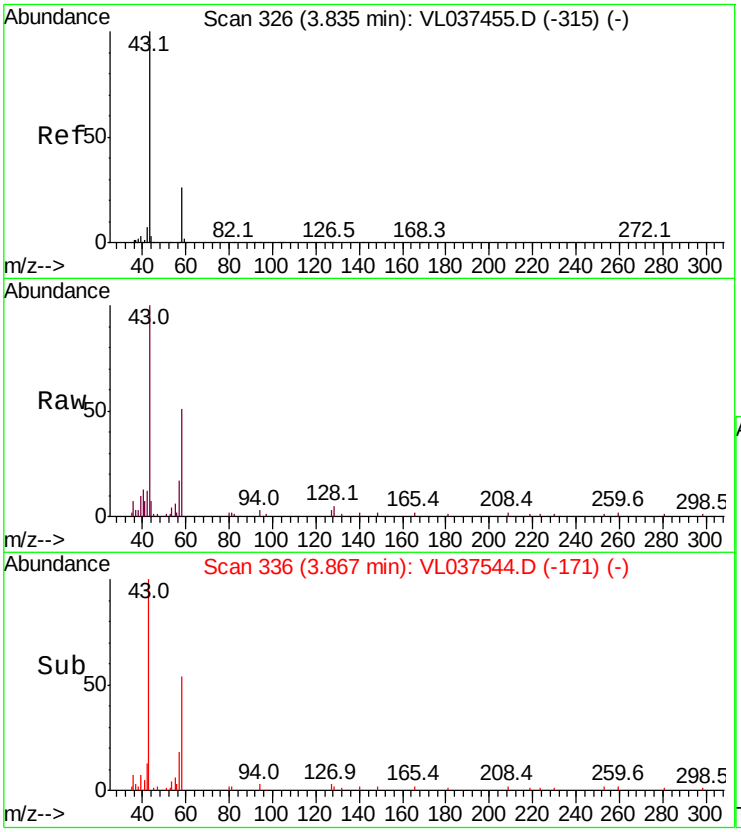


#13
Ethanol
Concen: 0.047 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Tgt Ion: 45 Resp: 569

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.1	56.5#



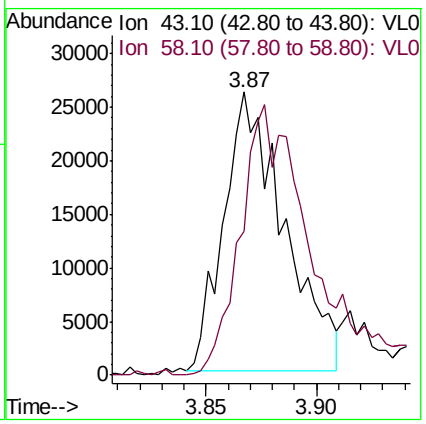


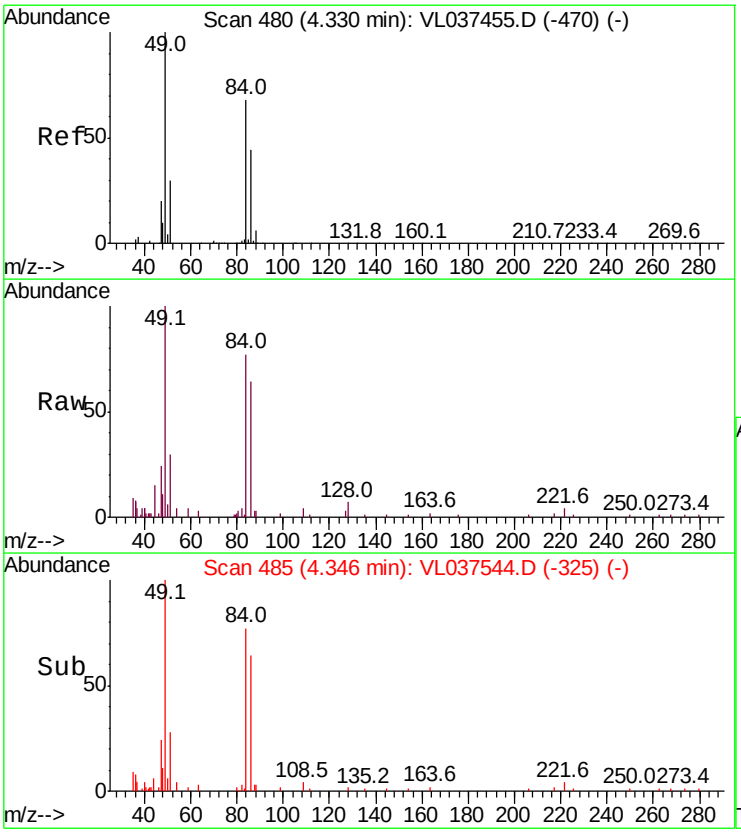
#15
Acetone
Concen: 0.267 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Instrument : MSVOA_L
ClientSampleId : CAN 10595

Tgt Ion: 43 Resp: 49621

Ion	Ratio	Lower	Upper
43	100		
58	123.8	24.8	37.2#

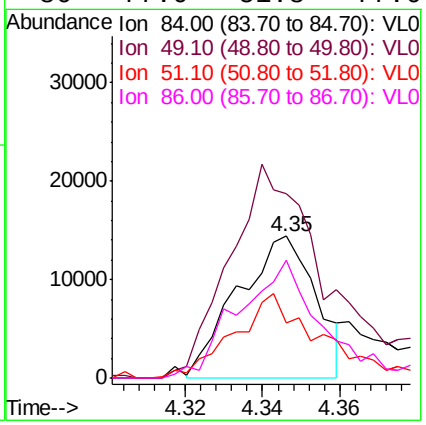


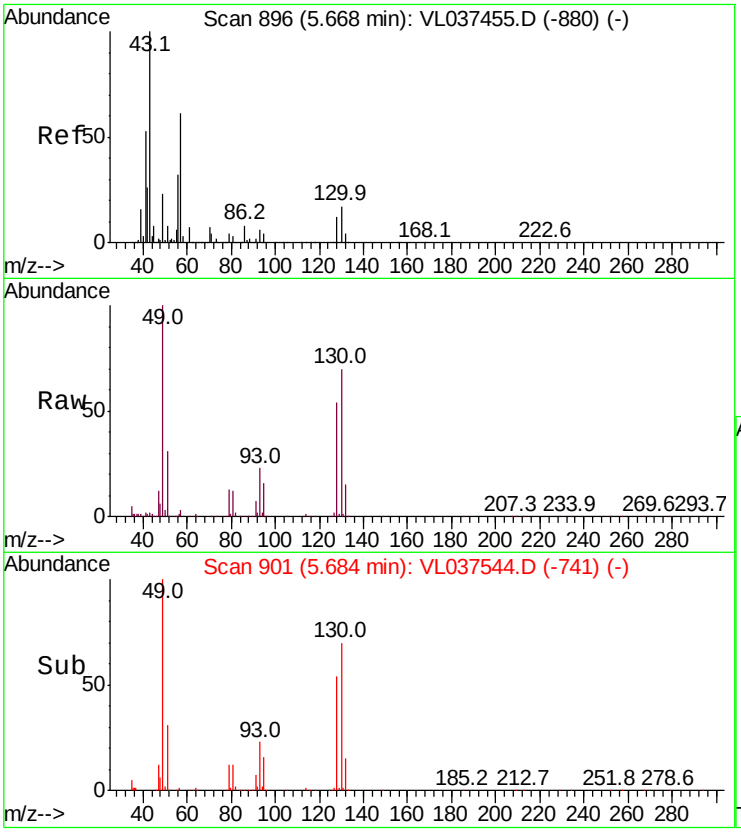


#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Tgt Ion: 84 Resp: 20224

Ion	Ratio	Lower	Upper
84	100		
49	124.0	118.2	177.2
51	35.2	36.6	55.0#
86	77.0	51.8	77.6



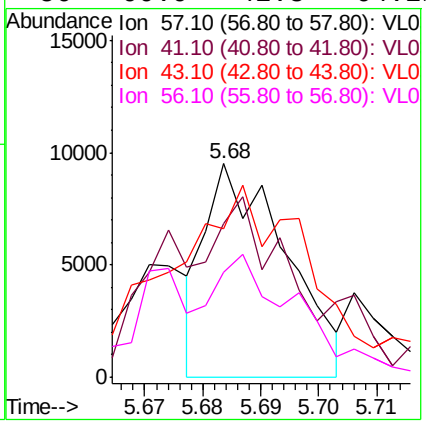


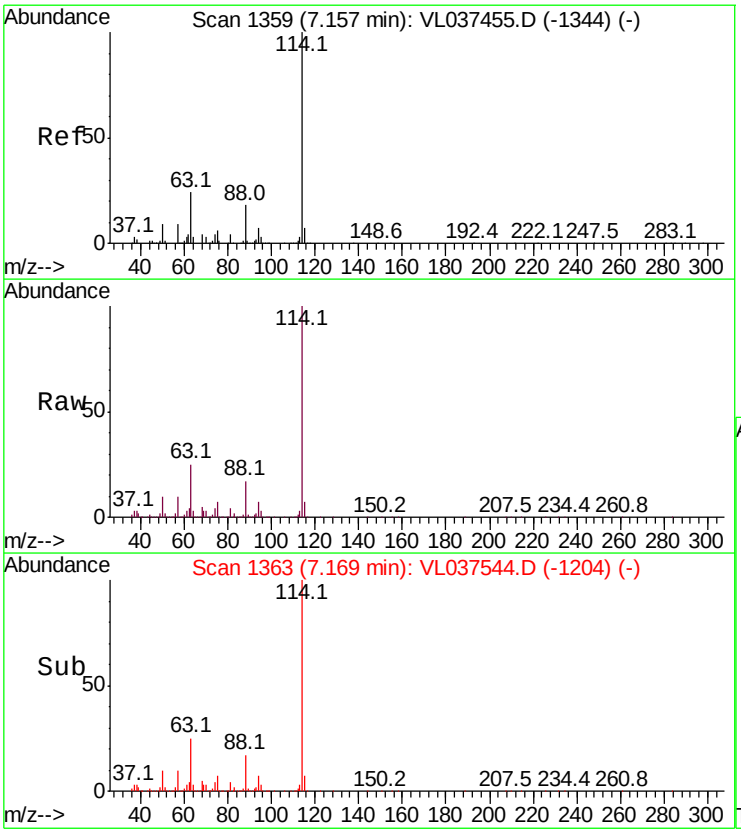
#26
Hexane
Concen: 0.040 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10595

Tgt Ion: 57 Resp: 9151

Ion	Ratio	Lower	Upper
57	100		
41	175.5	72.3	108.5#
43	187.0	172.3	258.5
56	99.9	42.8	64.2#

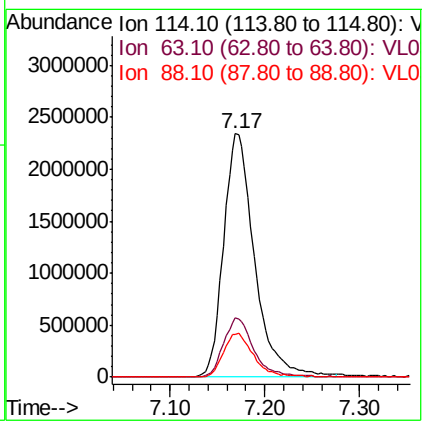


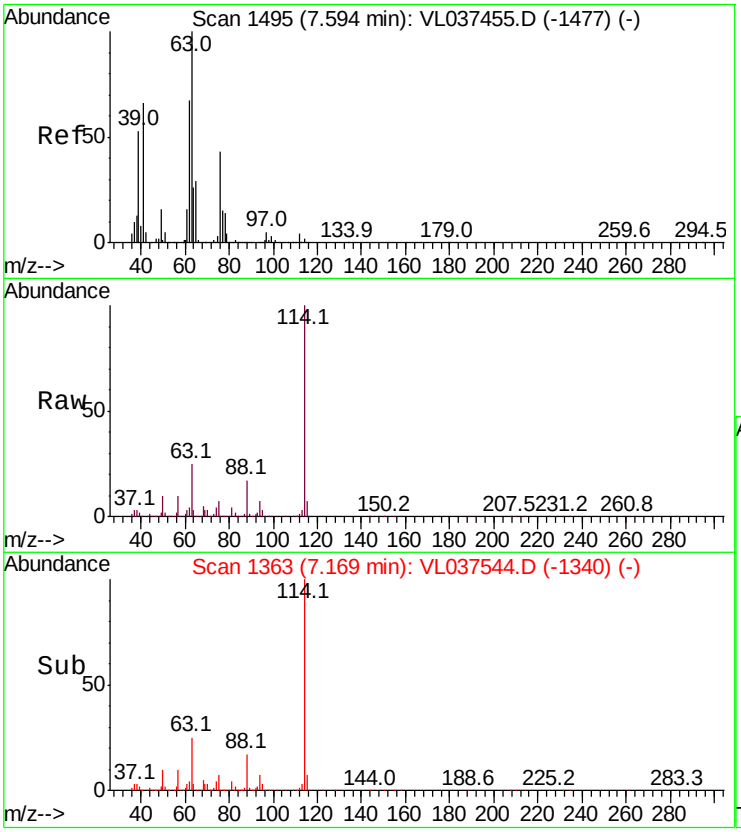


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Tgt Ion:114 Resp: 5330936

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	17.8	14.2	21.4



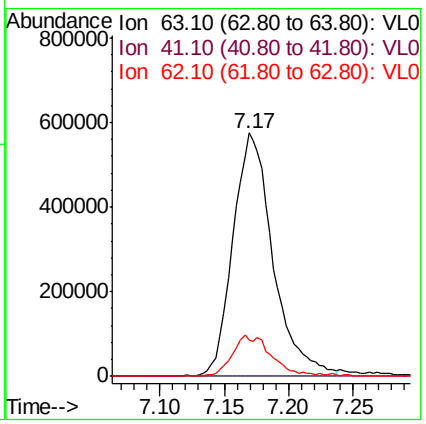


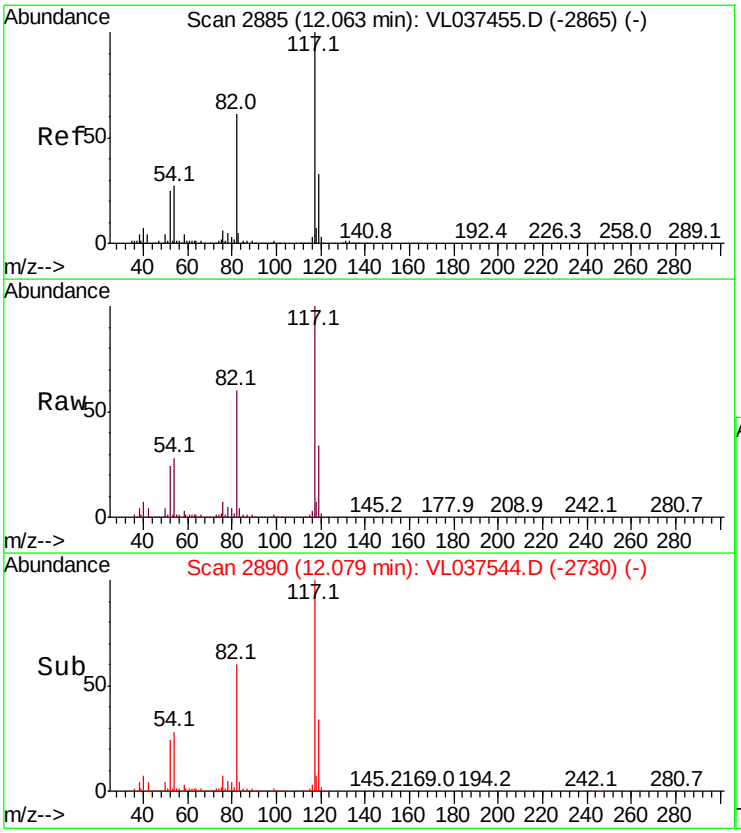
#39
1,2-Dichloropropane
Concen: 7.217 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.42 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10595

Tgt Ion: 63 Resp: 1242742

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	15.1	53.6	80.4#

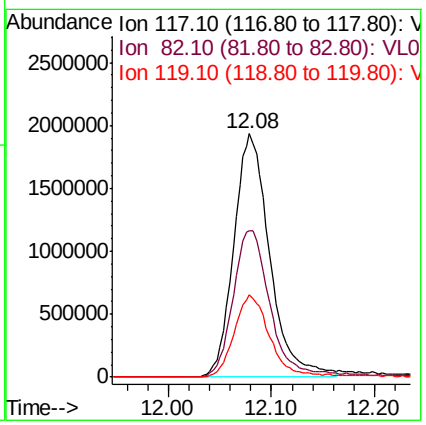


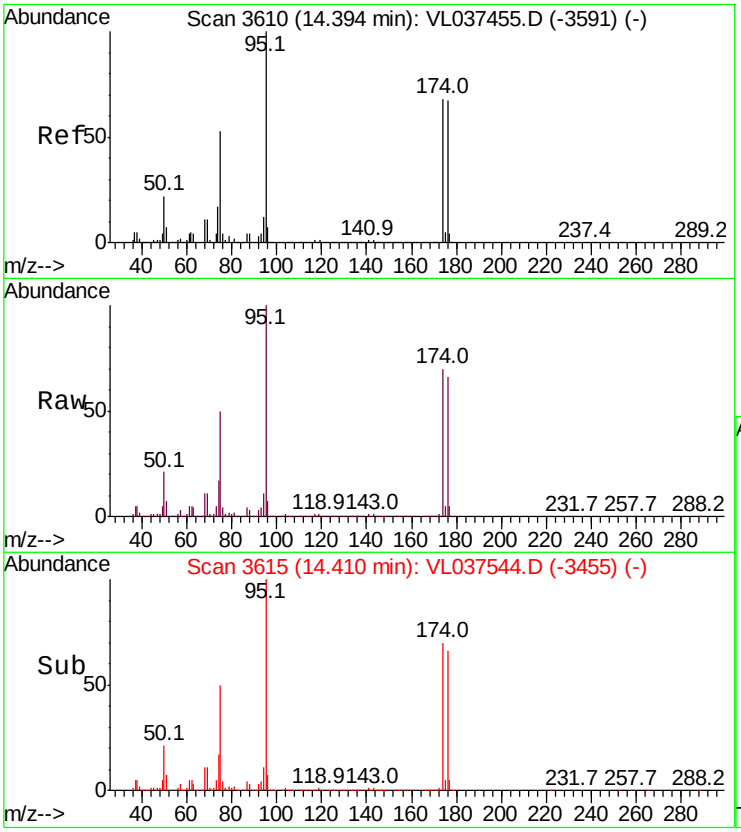


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.02 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Tgt Ion:117 Resp: 4694779

Ion	Ratio	Lower	Upper
117	100		
82	63.3	52.9	79.3
119	34.0	24.8	37.2



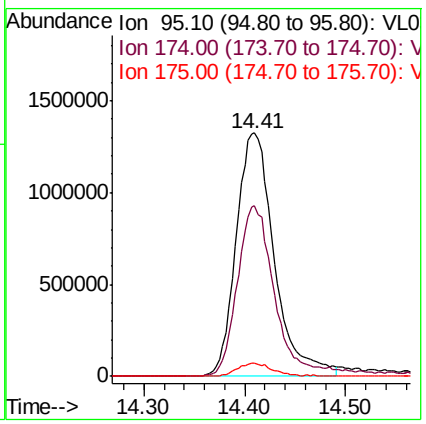


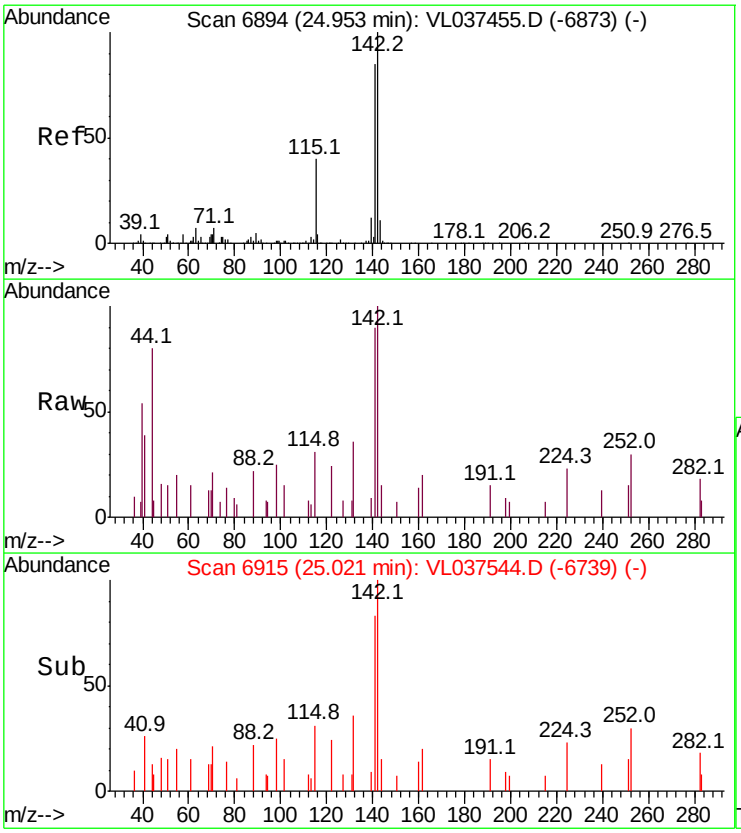
#68
1-Bromo-4-Fluorobenzene
Concen: 10.431 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.02 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10595

Tgt Ion: 95 Resp: 3479046

Ion	Ratio	Lower	Upper
95	100		
174	72.2	59.6	89.4
175	5.4	4.6	7.0





#80
Naphthalene,2-methyl-
Concen: 0.046 ppbv
RT: 25.02 min Scan# 6915
Delta R.T. 0.07 min
Lab File: VL037544.D
Acq: 7 Sep 2021 10:56

Tgt Ion:142 Resp: 5274

Ion	Ratio	Lower	Upper
142	100		
141	93.5	64.7	97.1
115	29.6	28.4	42.6