Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037875.D
Acq On : 19 Oct 2021 8:27
Operator : SY/AP
Sample : M4068-14 LOD 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 20 01:52:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1080913	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3347965	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2794414	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1897285	9.71	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
20) Methylene Chloride	4.34	84	9565	0.195	ppbv	# 86
30) Cyclohexane	7.15	84	7665	0.067	ppbv	# 1
39) 1,2-Dichloropropane	7.17	63	785900	7.306	ppbv	# 28

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

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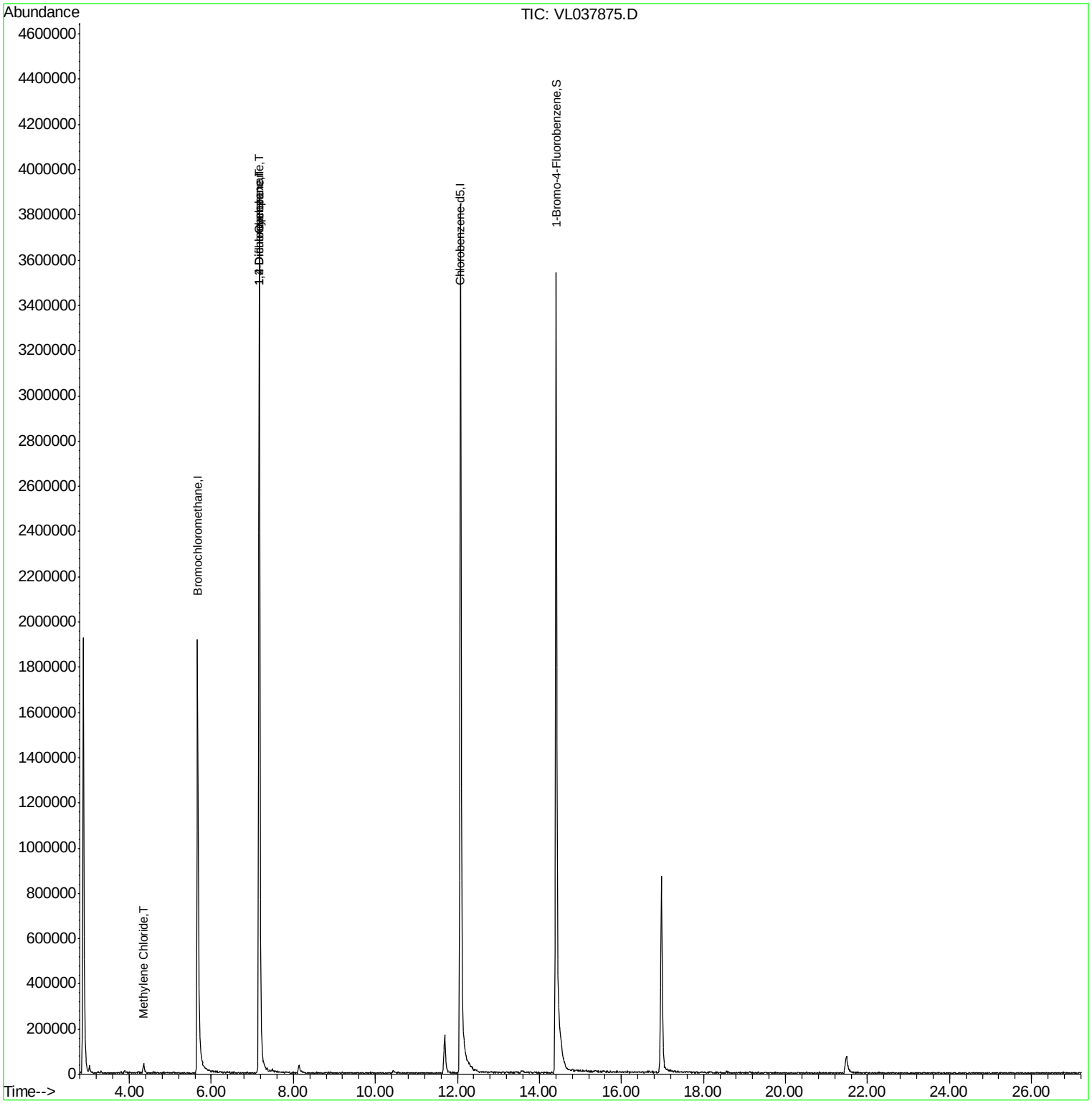
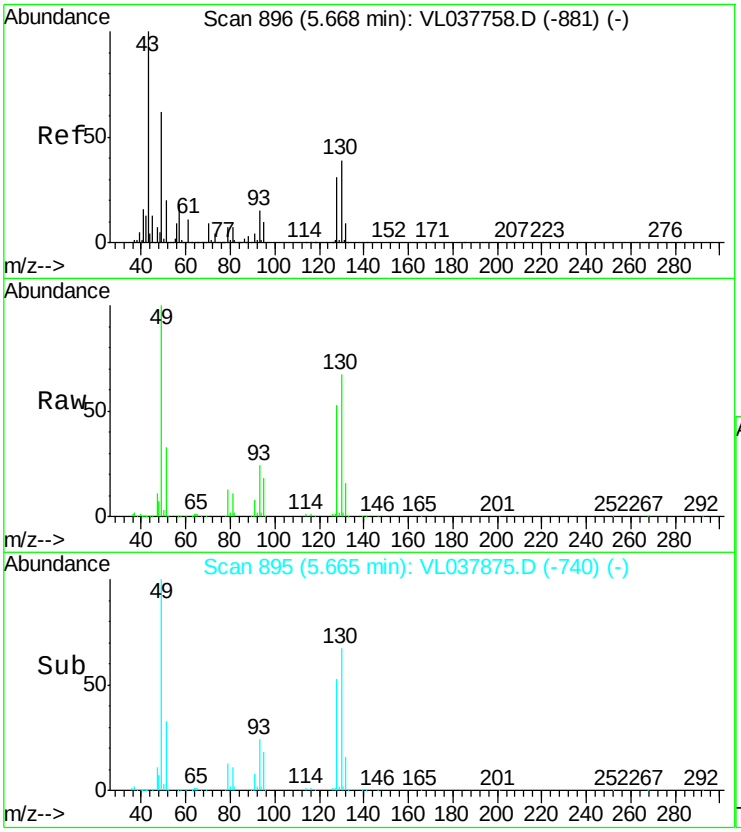


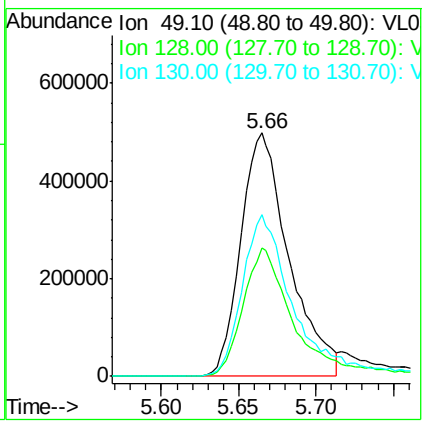


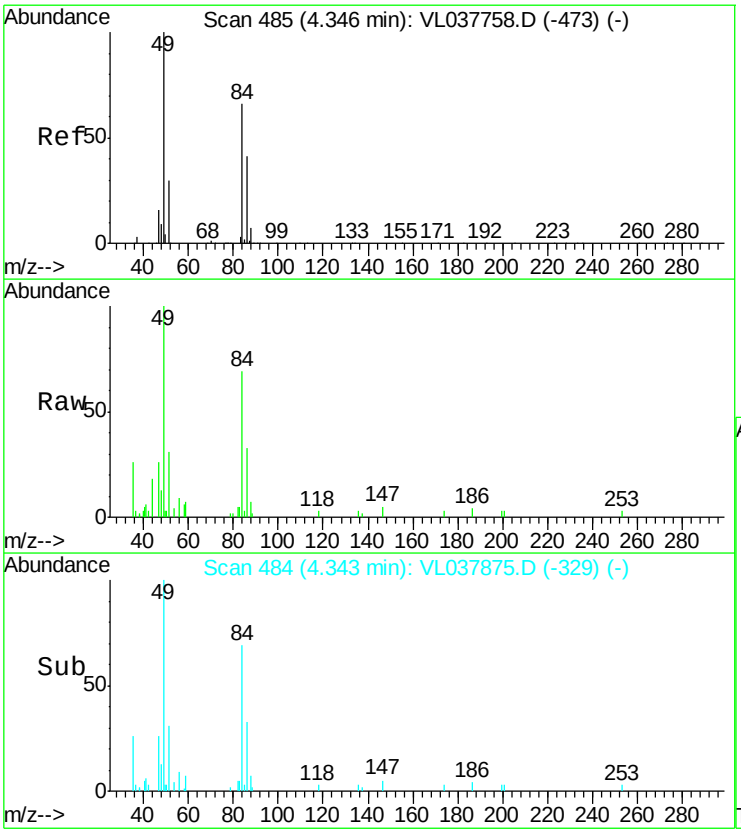
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1080913

Ion	Ratio	Lower	Upper
49	100		
128	57.9	27.1	81.3
130	73.5	33.2	99.6

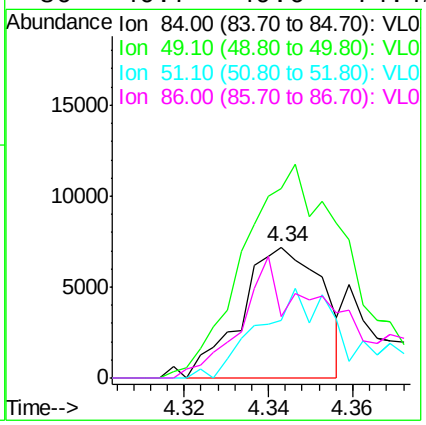


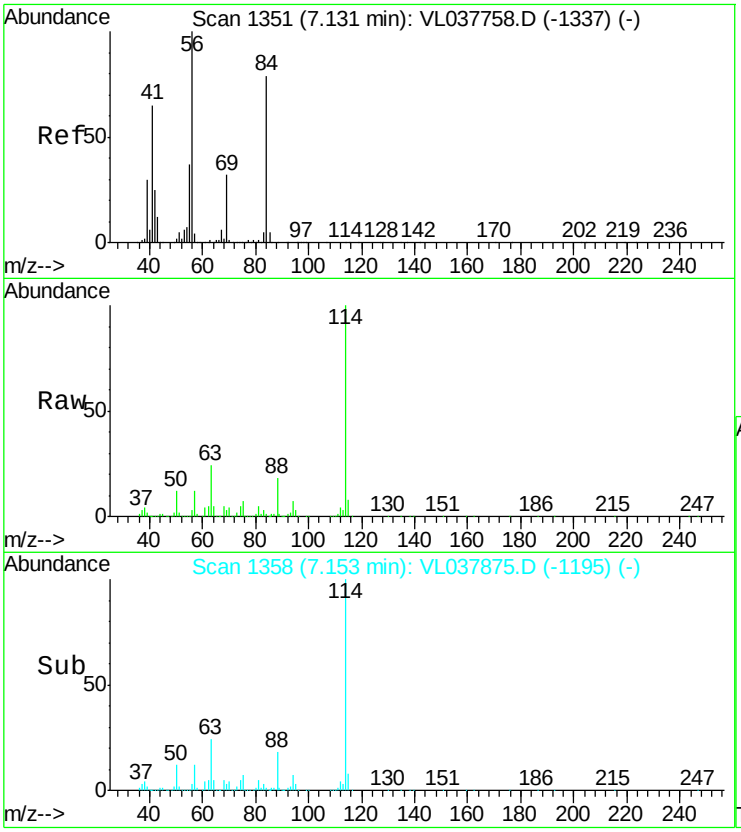


#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037875.D
Acq: 19 Oct 2021 8:27

Tgt Ion: 84 Resp: 9565

Ion	Ratio	Lower	Upper
84	100		
49	136.3	120.7	181.1
51	44.4	36.2	54.4
86	40.7	49.6	74.4#



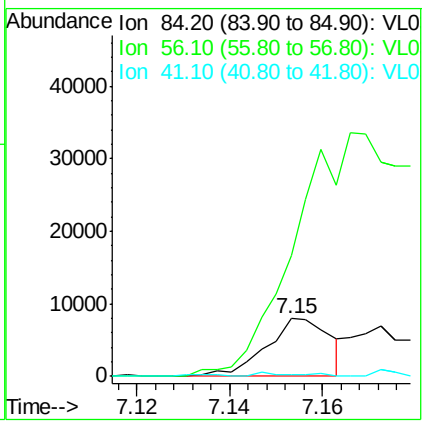


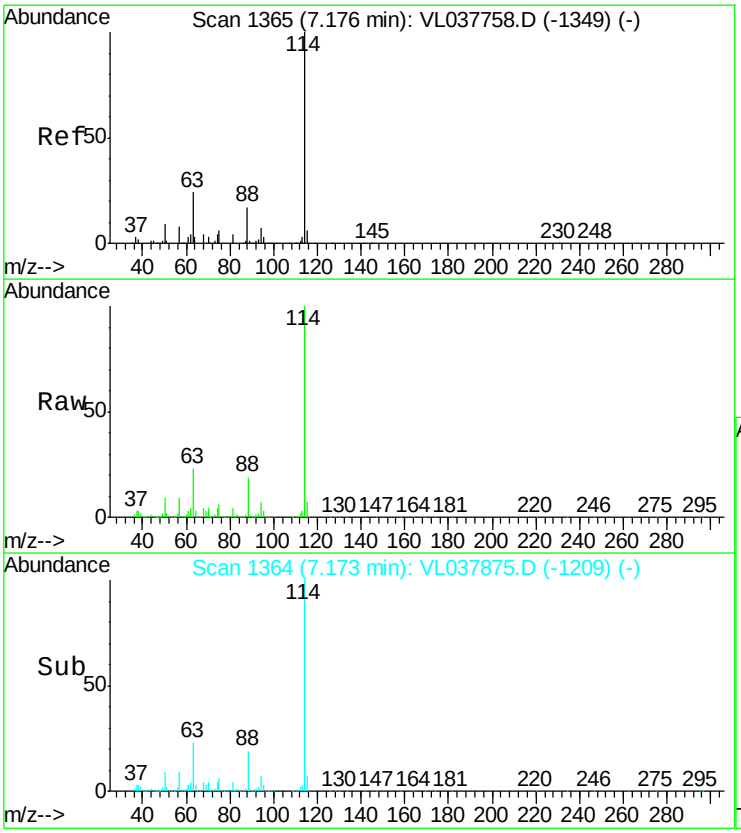
#30
Cyclohexane
Concen: 0.067 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 7665

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.0	169.4#
41	5.9	69.1	103.7#

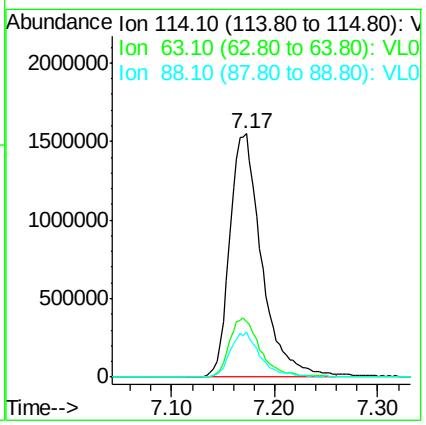


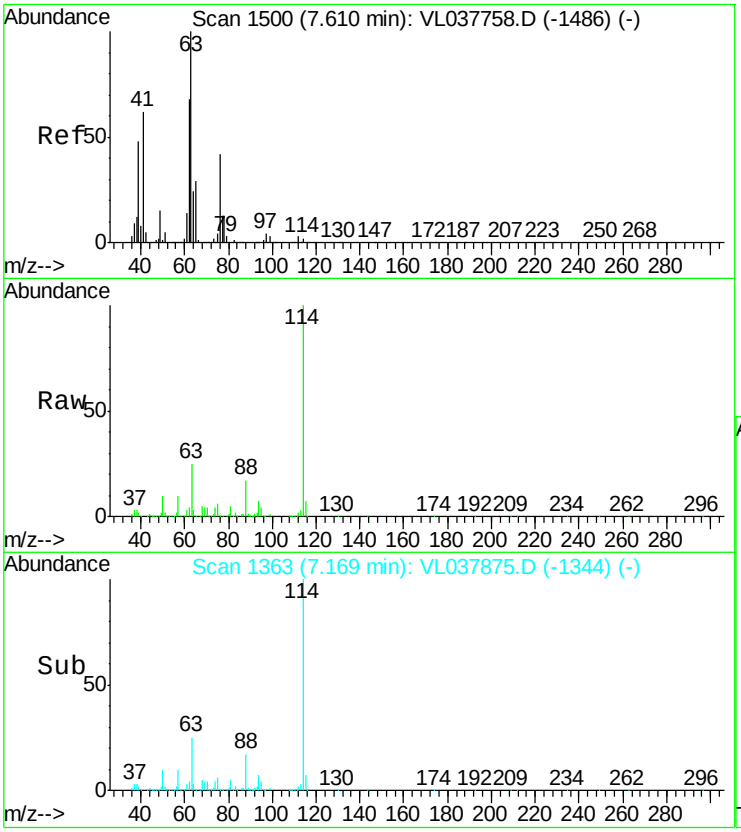


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL037875.D
Acq: 19 Oct 2021 8:27

Tgt Ion:114 Resp: 3347965

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.2
88	17.9	14.4	21.6



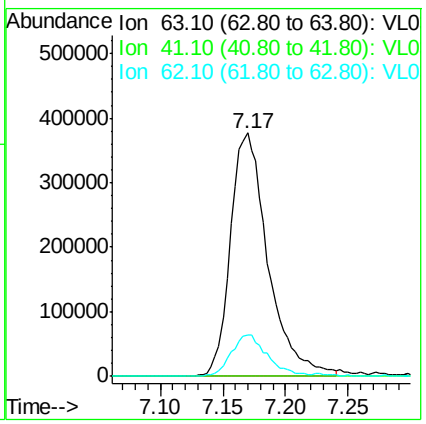


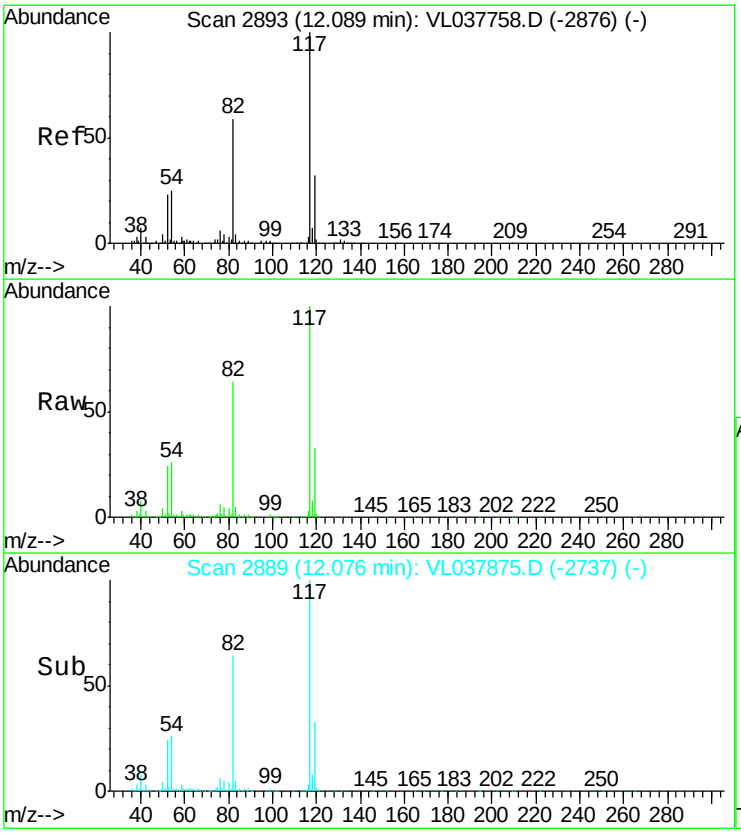
#39
1,2-Dichloropropane
Concen: 7.306 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 785900

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	17.2	54.6	82.0#

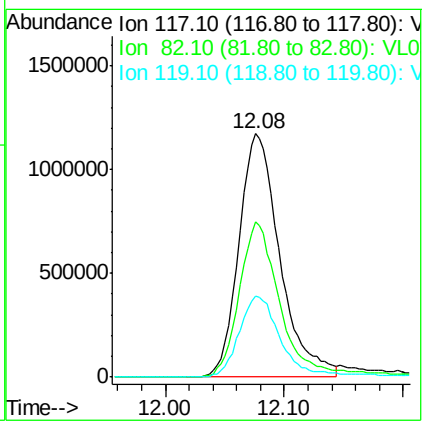


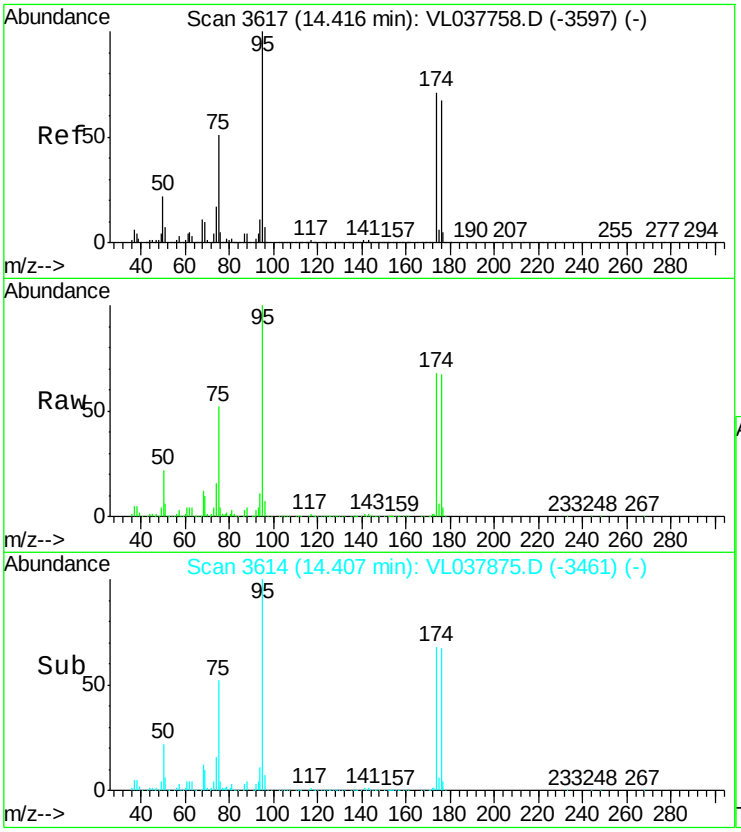


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL037875.D
Acq: 19 Oct 2021 8:27

Tgt Ion:117 Resp: 2794414

Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.2	78.2
119	35.4	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.709 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1897285

Ion	Ratio	Lower	Upper
95	100		
174	77.5	57.8	86.6
175	5.7	4.7	7.1