Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090721\
Data File : VL037558.D
Acq On : 7 Sep 2021 19:39
Operator : SY/AP
Sample : CAN 10285
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10285

Quant Time: Sep 08 11:11:22 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	5.67	49	1669462	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4814905	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4339493	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3150871	10.22	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%			
Target Compounds						Qvalue
15) Acetone	3.88	43	6489	0.038	ppbv	# 1
20) Methylene Chloride	4.35	84	7626	0.090	ppbv	# 62
30) Cyclohexane	7.16	84	5834	0.033	ppbv	# 1
39) 1,2-Dichloropropane	7.18	63	1147665	7.379	ppbv	# 28

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

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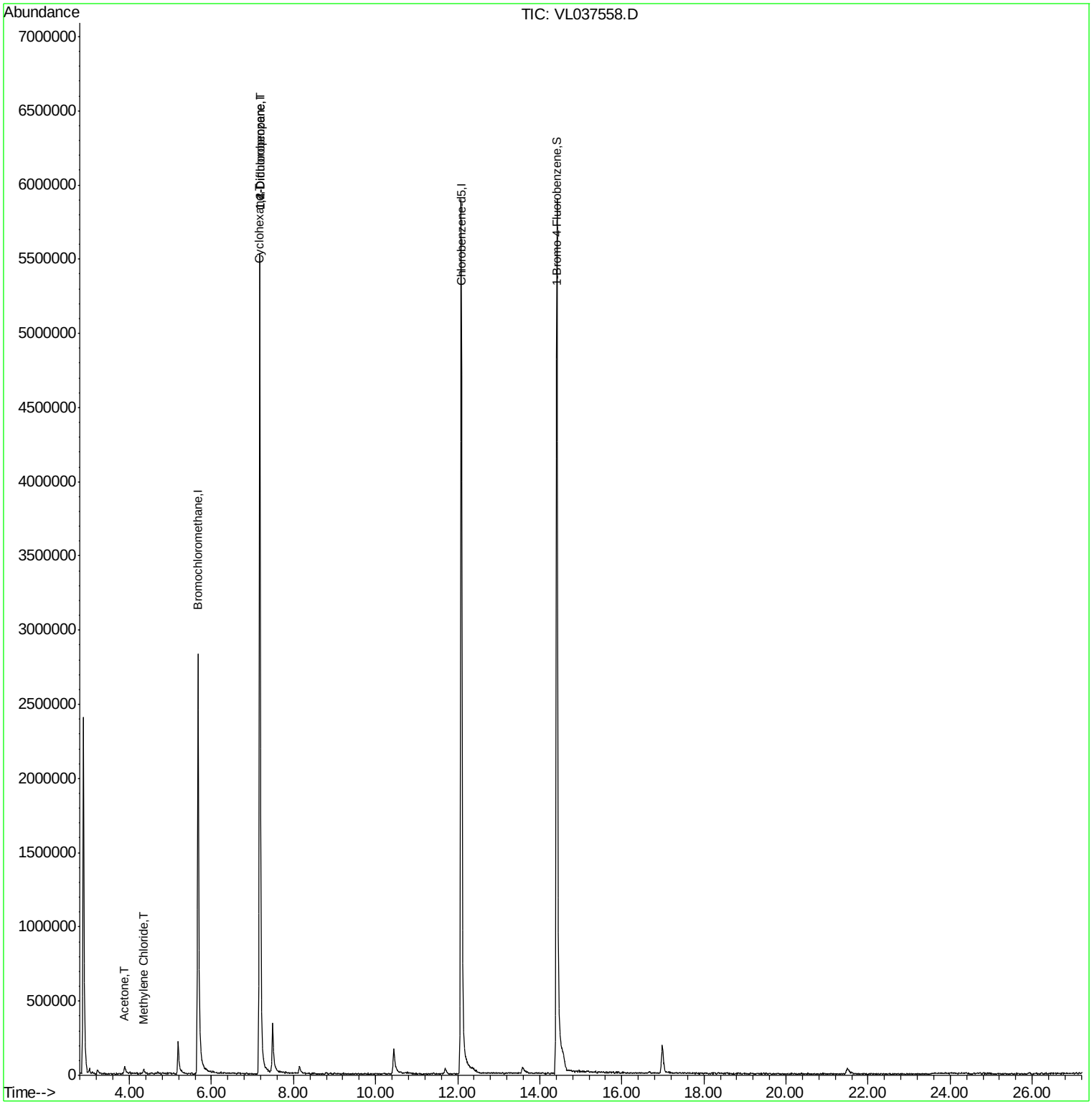
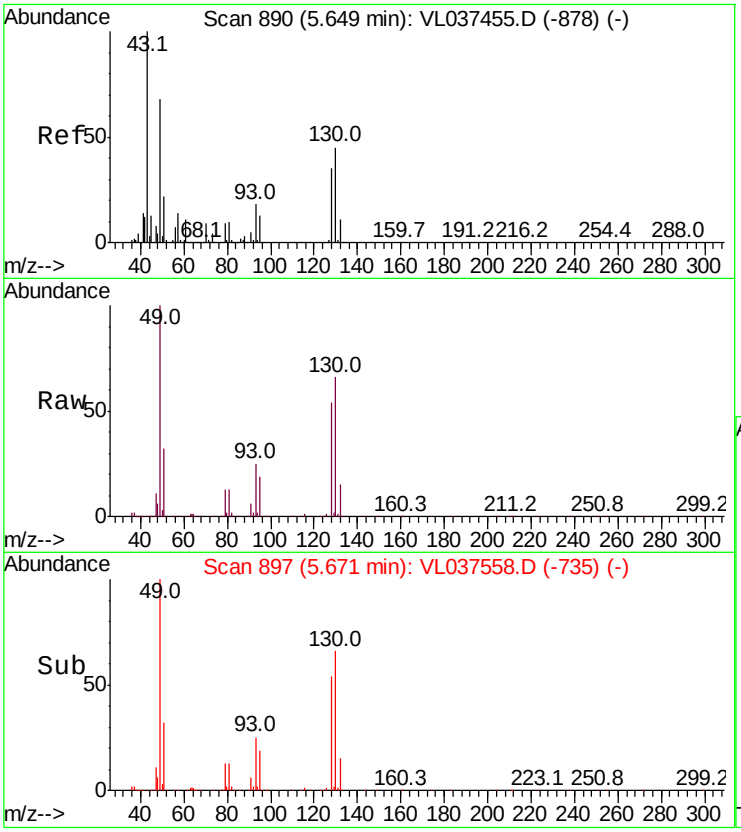


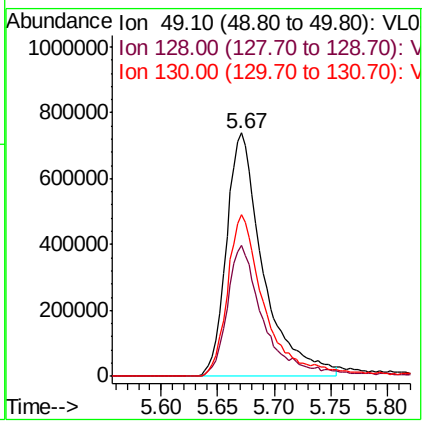


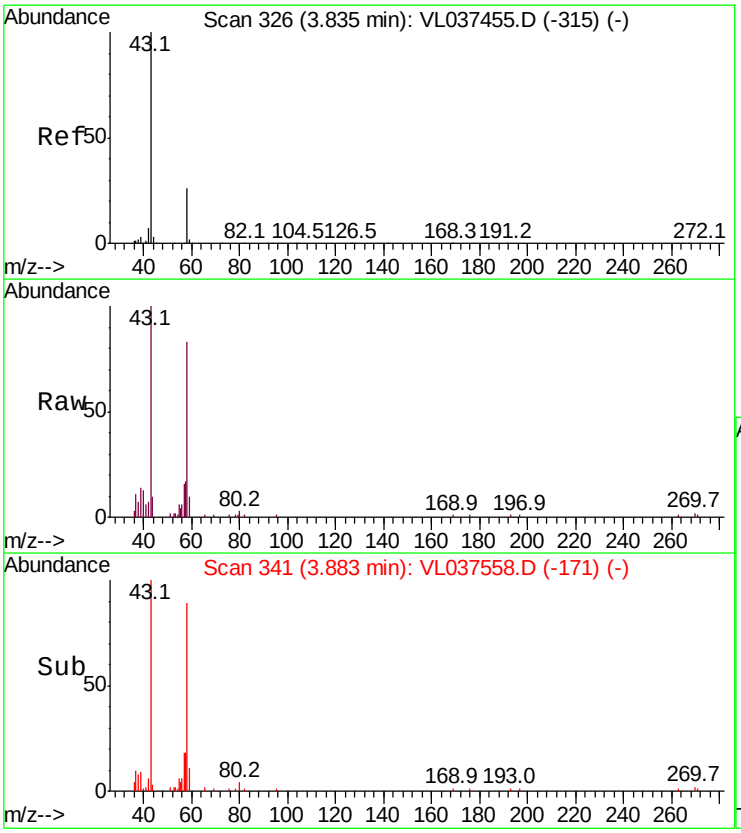
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.02 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tgt Ion: 49 Resp: 1669462

Ion	Ratio	Lower	Upper
49	100		
128	54.8	27.5	82.4
130	68.6	34.0	101.8

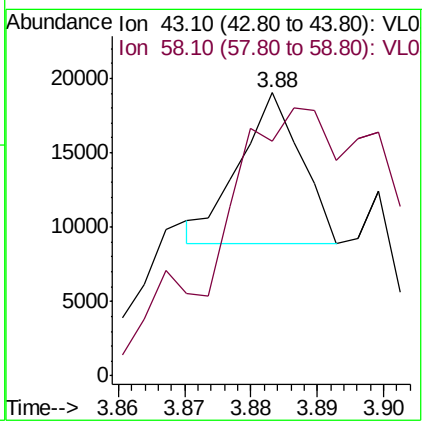


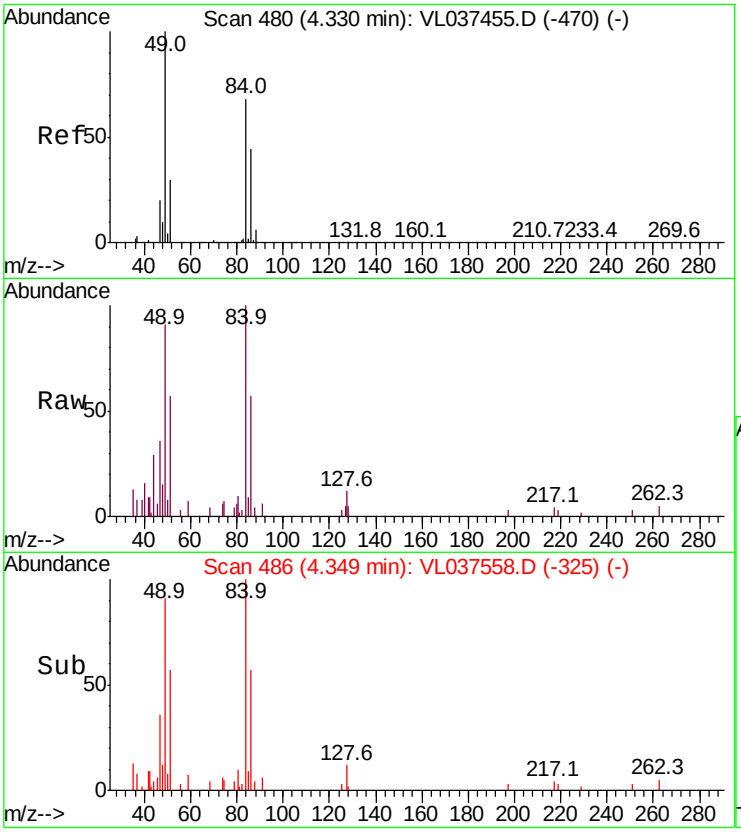


#15
Acetone
Concen: 0.038 ppbv
RT: 3.88 min Scan# 341
Delta R.T. 0.05 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Tgt Ion: 43 Resp: 6489

Ion	Ratio	Lower	Upper
43	100		
58	808.8	24.8	37.2#



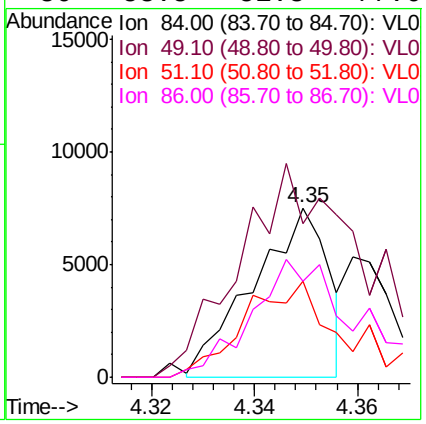


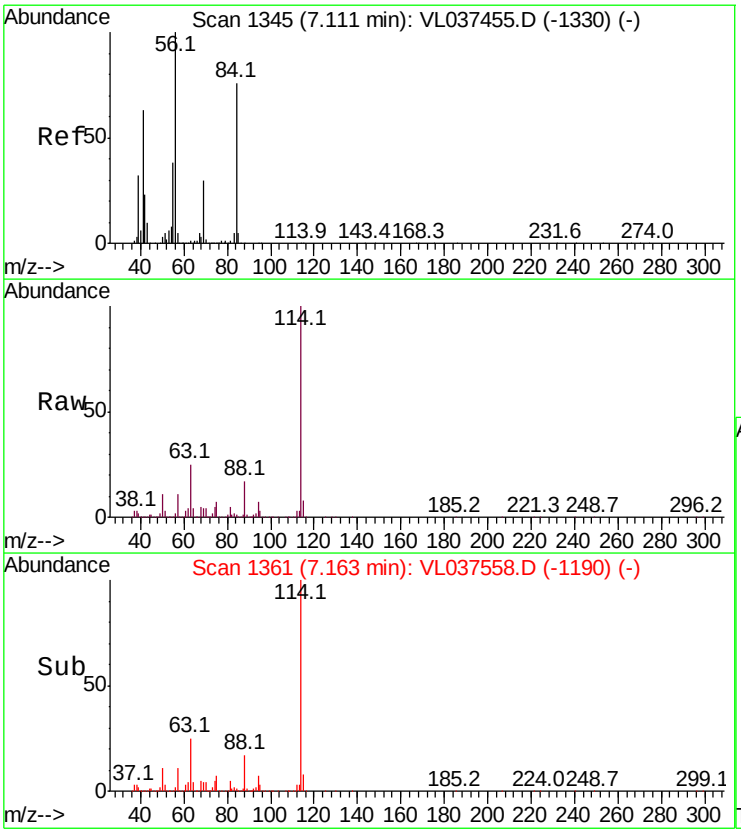
#20
Methylene Chloride
Concen: 0.090 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Instrument : MSVOA_L
ClientSampleId : CAN 10285

Tgt Ion: 84 Resp: 7626

Ion	Ratio	Lower	Upper
84	100		
49	76.7	118.2	177.2#
51	53.1	36.6	55.0
86	53.5	51.8	77.6

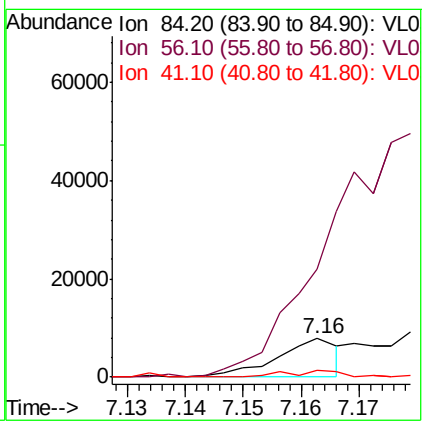


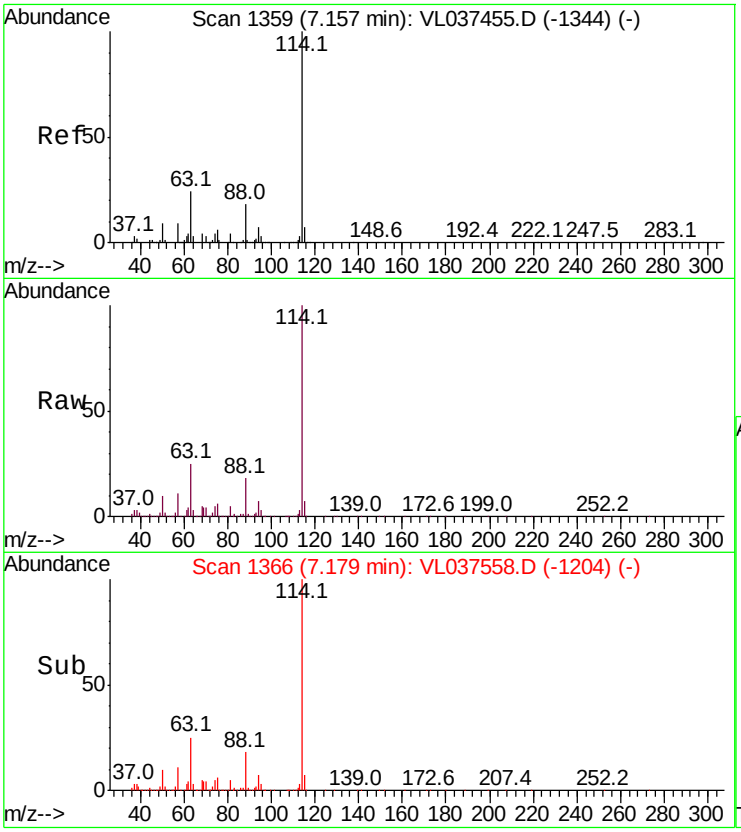


#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.05 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Tgt Ion: 84 Resp: 5834

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	67.0	100.6#



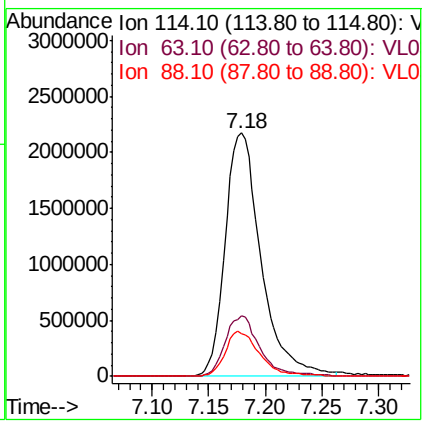


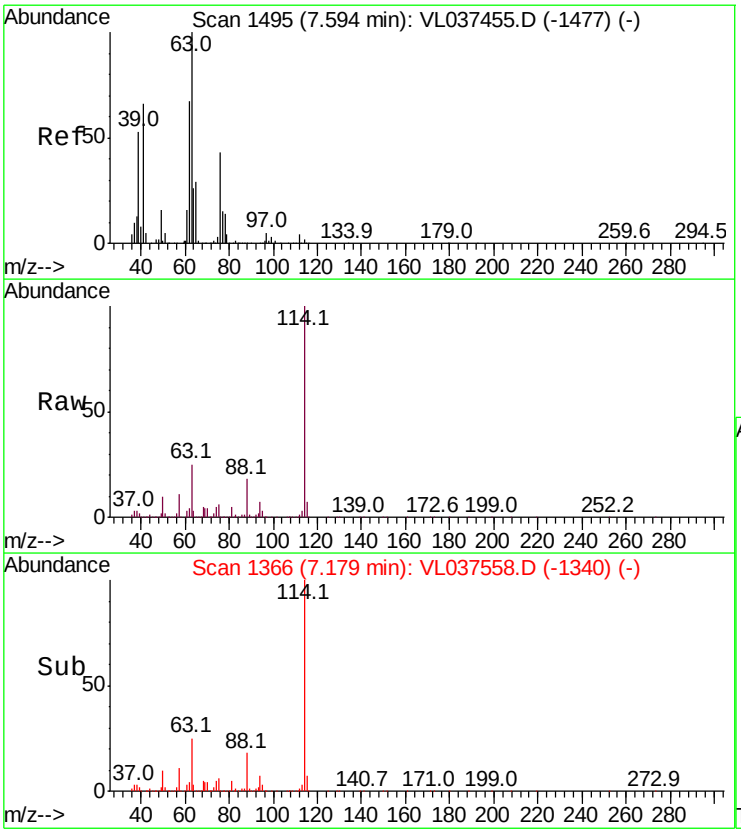
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Instrument : MSVOA_L
ClientSampleId : CAN 10285

Tgt Ion:114 Resp: 4814905

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.3	28.9
88	18.1	14.2	21.4

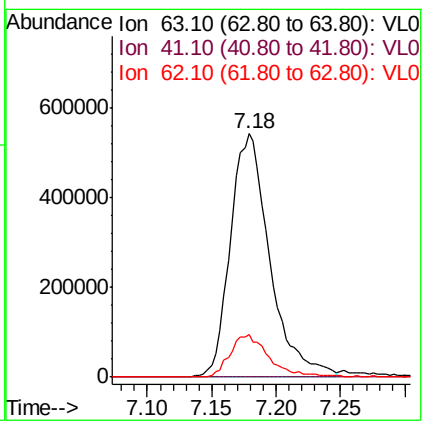


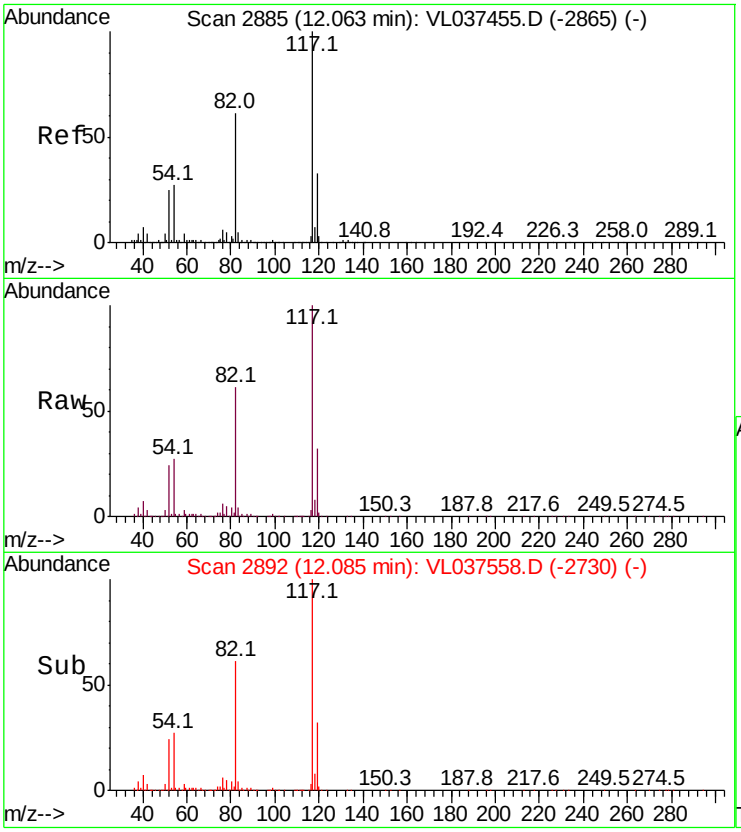


#39
1,2-Dichloropropane
Concen: 7.379 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.41 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Tgt Ion: 63 Resp: 1147665

Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.4	78.6#
62	17.4	53.6	80.4#



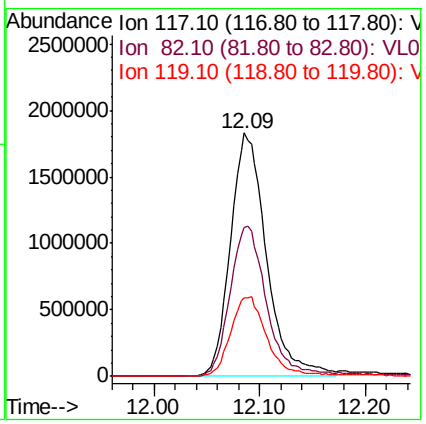


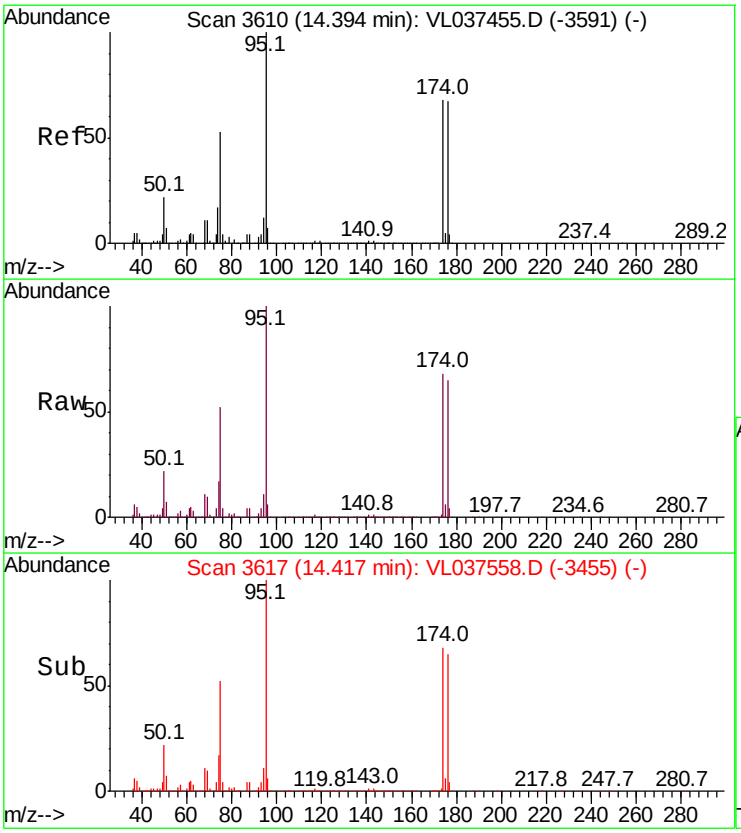
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

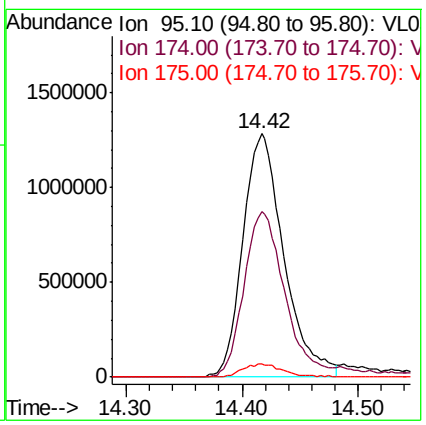
Tgt Ion:117 Resp: 4339493

Ion	Ratio	Lower	Upper
117	100		
82	64.6	52.9	79.3
119	34.1	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.220 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037558.D
Acq: 7 Sep 2021 19:39

Tgt Ion: 95 Resp: 3150871

Ion	Ratio	Lower	Upper
95	100		
174	74.2	59.6	89.4
175	5.6	4.6	7.0