

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036898.D
 Acq On : 6 May 2021 11:45
 Operator : SY/AP
 Sample : QC042021 CAN 10111
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042021 CAN 10111

Quant Time: May 07 08:10:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1361629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3166490	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2795610	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2219544	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

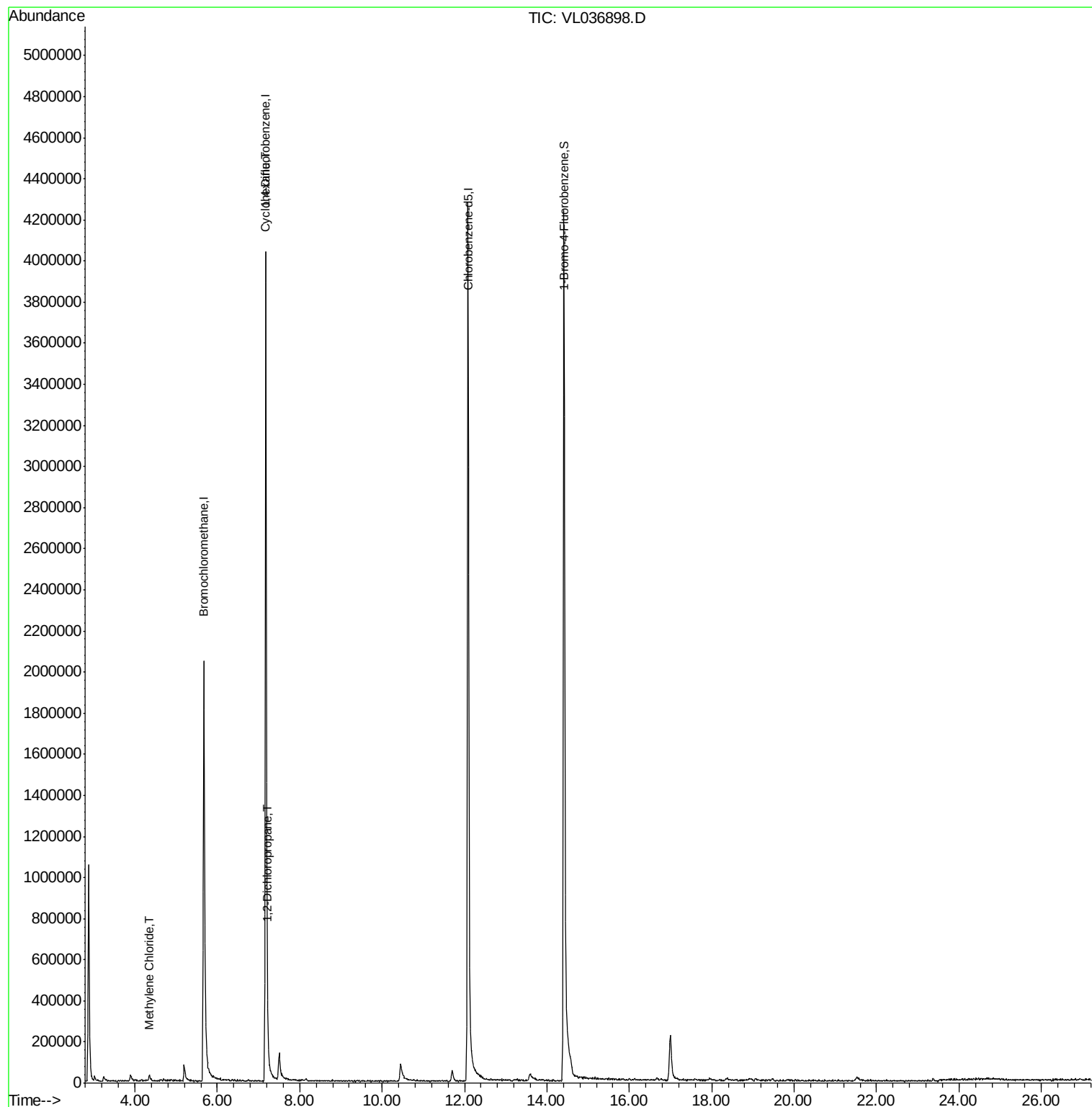
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	4920	0.080	ppbv #	69
30) Cyclohexane	7.16	84	9258	0.080	ppbv #	1
39) 1,2-Dichloropropane	7.22	63	25342	0.237	ppbv #	23

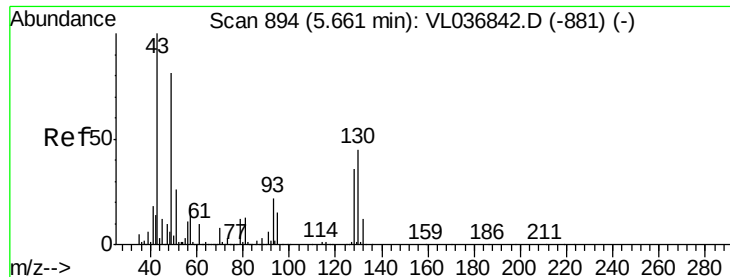
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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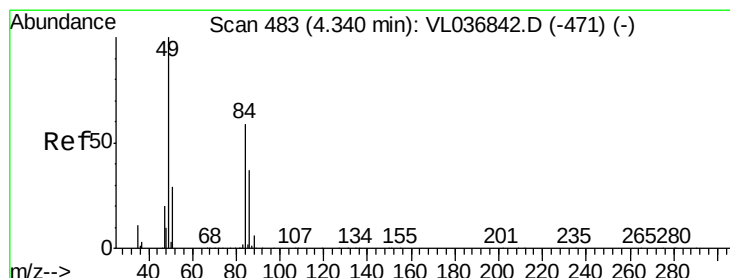
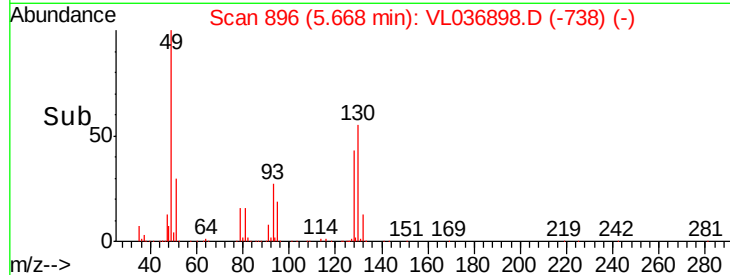
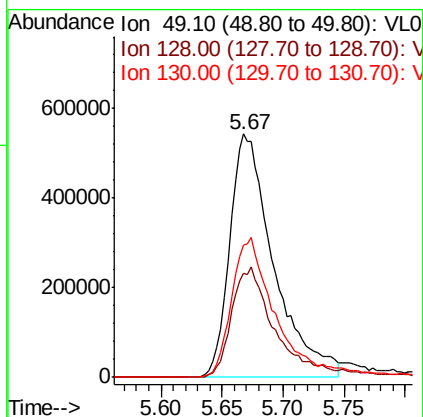
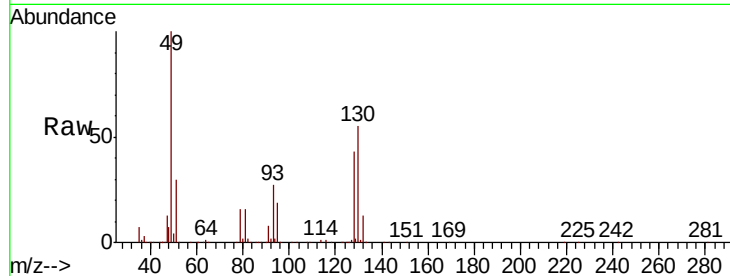
Quant Time: May 07 08:10:05 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
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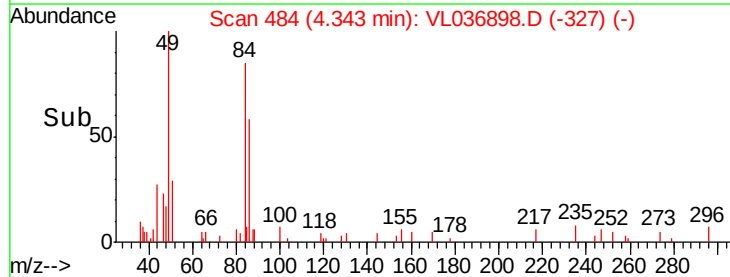
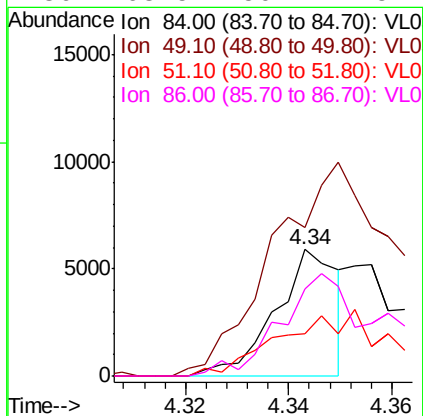
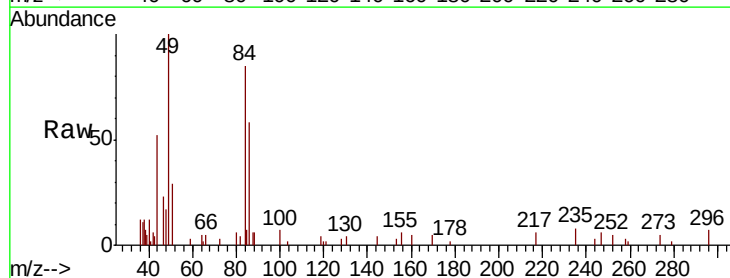
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 OC042021 CAN 10111
 Acq: 6 May 2021 11:45

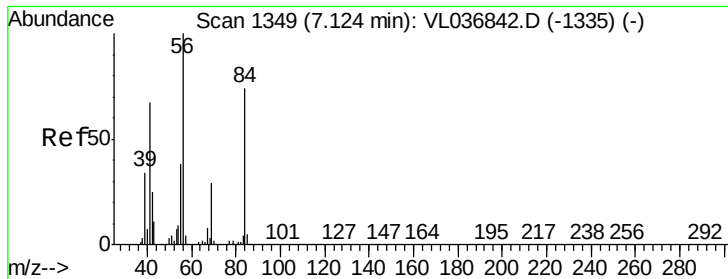
Tot Ion: 49 Resp: 1361629
 Ion Ratio Lower Upper
 49 100
 128 46.6 24.4 73.2
 130 59.0 30.3 90.8



#20
 Methylene Chloride
 Concen: 0.080 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T.: 0.00 min
 Lab File: VL036898.D
 Acq: 6 May 2021 11:45

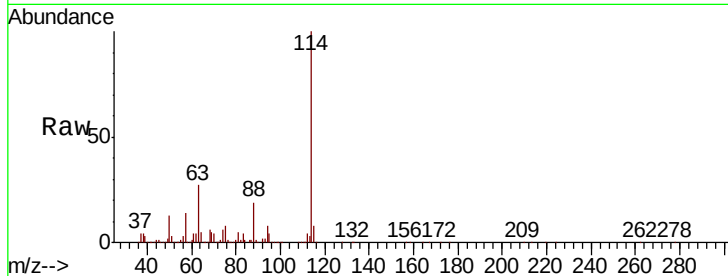
Tgt Ion: 84 Resp: 4920
 Ion Ratio Lower Upper
 84 100
 49 111.2 135.4 203.0#
 51 33.9 39.3 58.9#
 86 68.5 50.2 75.2



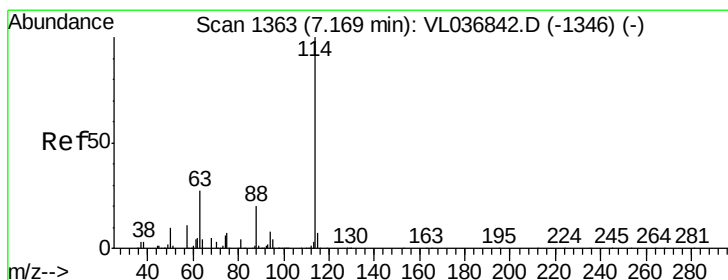
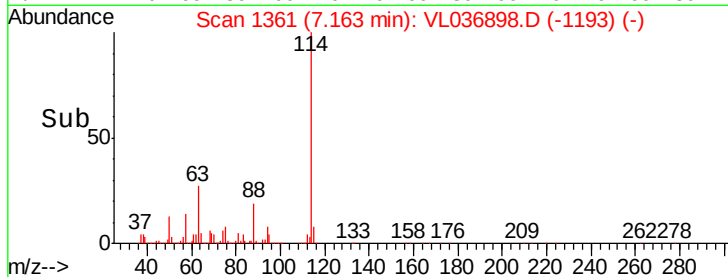
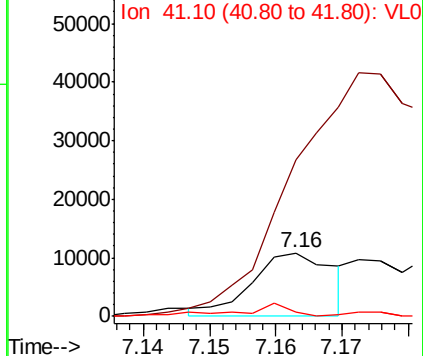


#30
Cvclohexane
Concen: 0.080 ppbv
RT: 7.16 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
OC042021 CAN 10111
Acq: 6 May 2021 11:45

Tot Ion: 84 Resp: 9258
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 16.6 74.6 111.8#

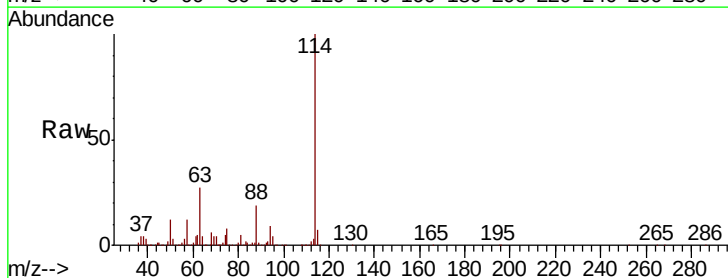


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

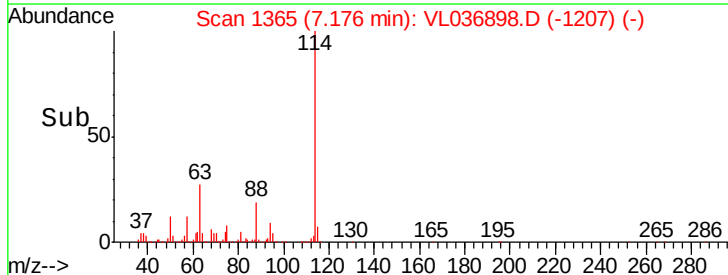
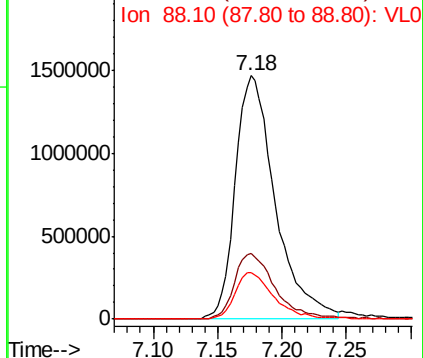


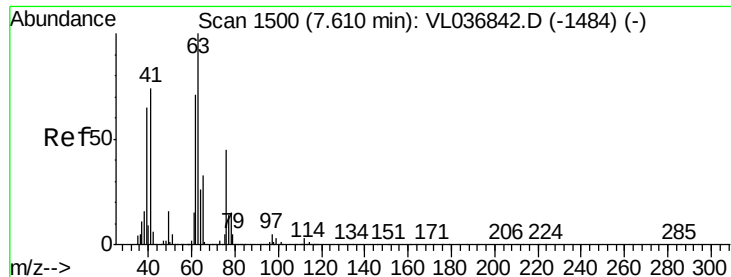
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T.: 0.01 min
Lab File: VL036898.D
Acq: 6 May 2021 11:45

Tgt Ion: 114 Resp: 3166490
Ion Ratio Lower Upper
114 100
63 28.3 21.9 32.9
88 19.2 15.1 22.7



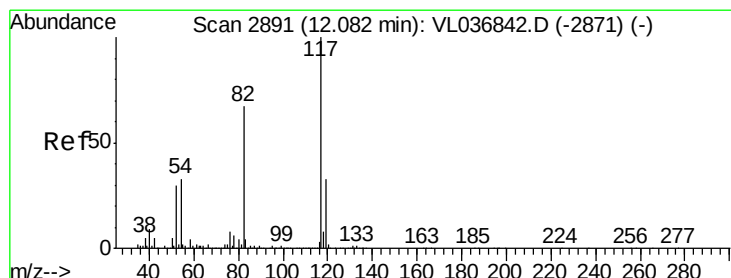
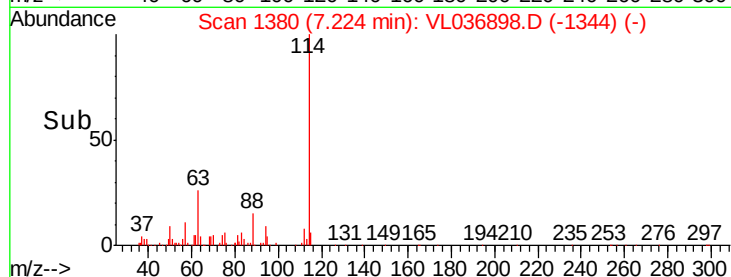
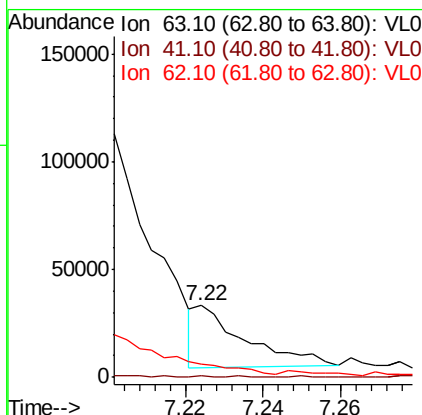
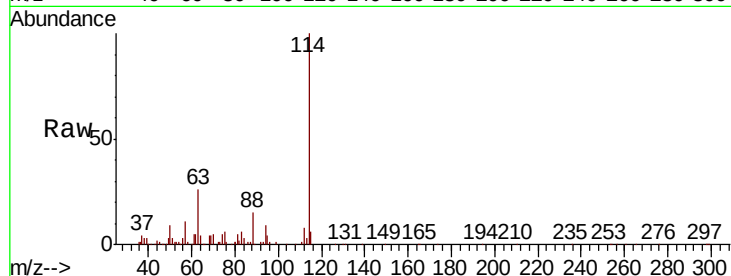
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





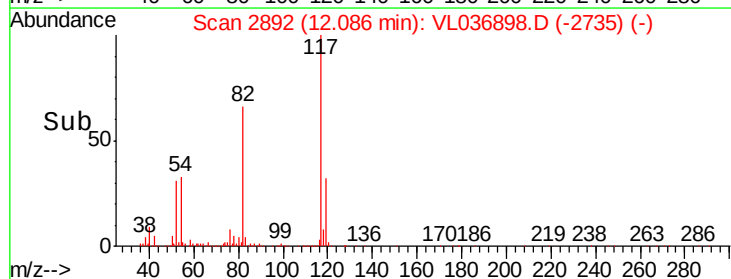
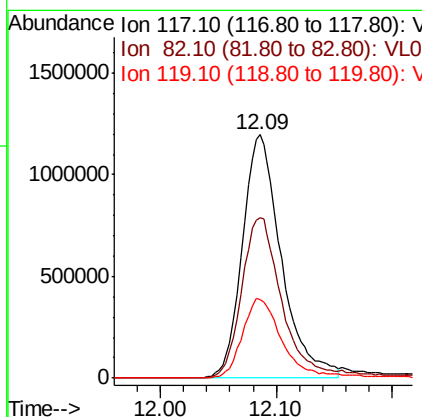
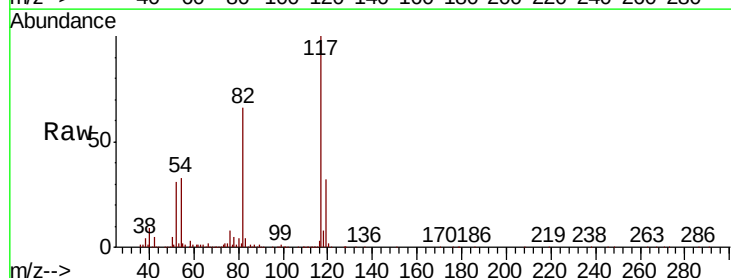
#39
 1,2-Dichloropropane
 Concen: 0.237 ppbv
 RT: 7.22
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 OC042021 CAN 10111
 Acq: 6 May 2021 11:45

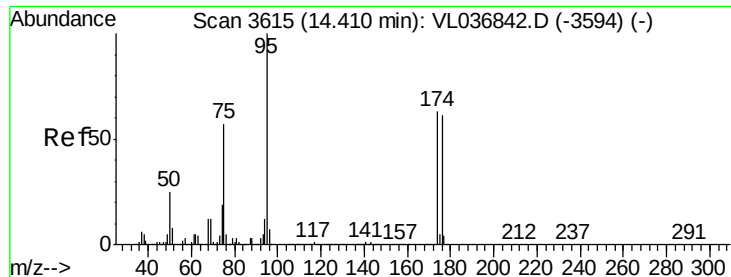
Tot Ion	63	Resp	25342
Ion	Ratio	Lower	Upper
63	100		
41	1.4	59.1	88.7#
62	14.3	56.9	85.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. 0.00 min
 Lab File: VL036898.D
 Acq: 6 May 2021 11:45

Tgt Ion	117	Resp	2795610
Ion	Ratio	Lower	Upper
117	100		
82	72.0	53.5	80.3
119	34.4	25.6	38.4





#68

1-Bromo-4-Fluorobenzene

Concen: 9.890 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 11:43

Tot Ion: 95 Resp: 2219544

Ion Ratio Lower Upper

95 100

174 67.2 52.2 78.2

175 4.7 4.0 6.0

