

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038547.D
 Acq On : 4 Mar 2022 23:16
 Operator : SY/AP
 Sample : CAN 10271
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 05:00:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	906938	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2079715	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	1776718	10.00	ppbv	-0.02

System Monitoring Compounds

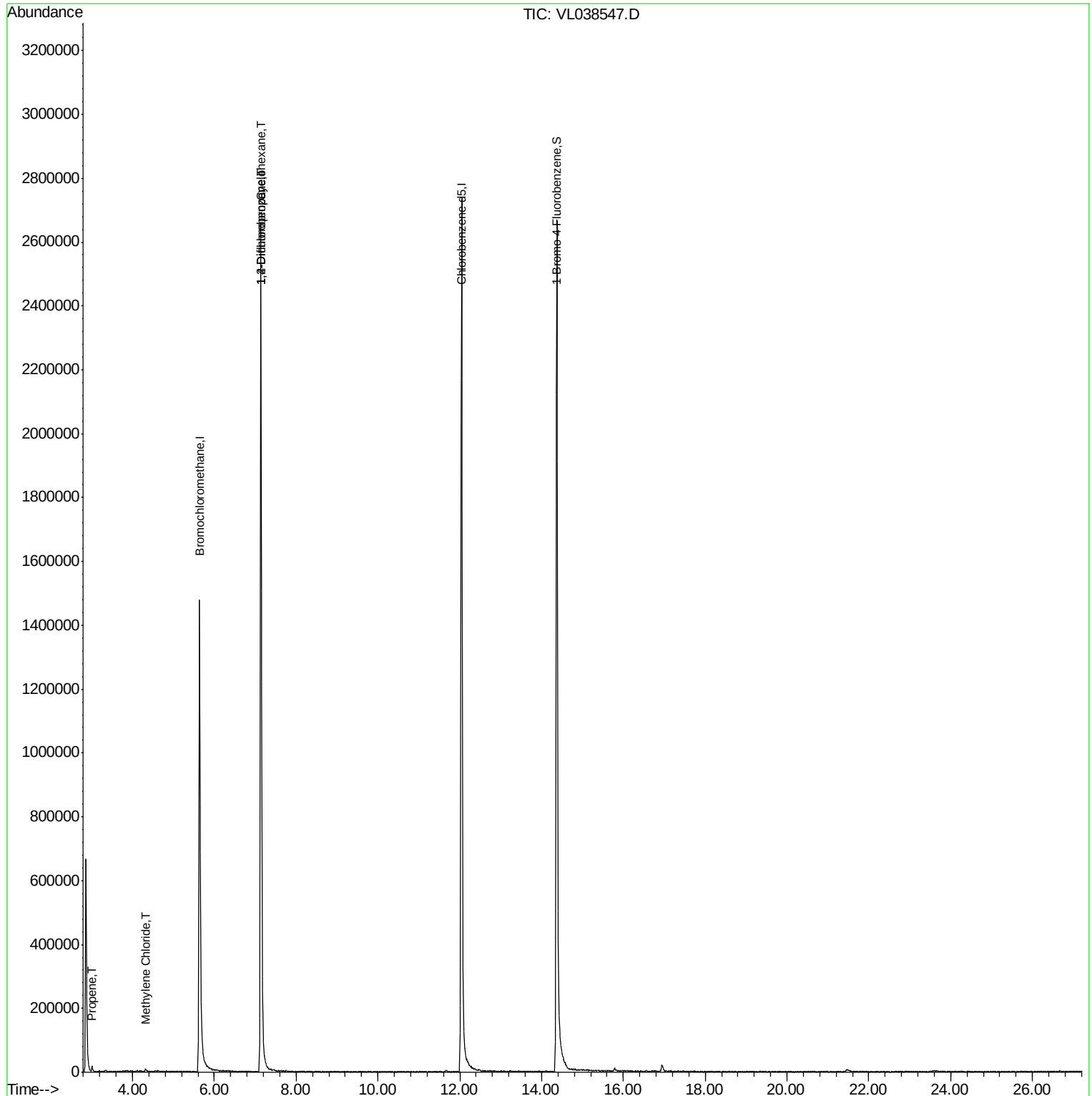
68) 1-Bromo-4-Fluorobenzene	14.37	95	1406040	9.56	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.60%

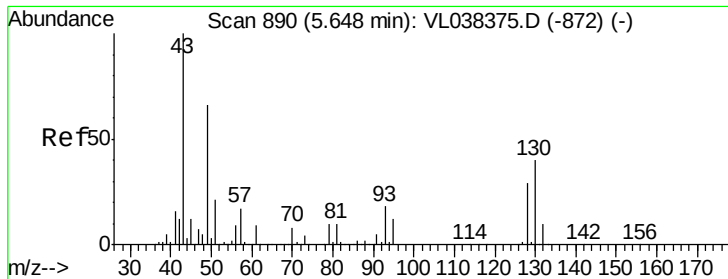
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	2681	0.051	ppbv #	16
20) Methylene Chloride	4.32	84	1821	0.048	ppbv #	53
30) Cyclohexane	7.12	84	2378	0.031	ppbv #	1
39) 1,2-Dichloropropane	7.14	63	588753	8.073	ppbv #	26

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

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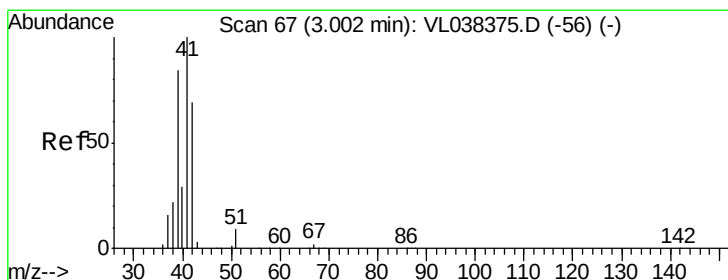
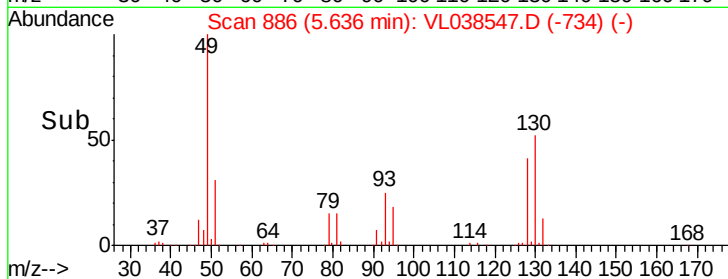
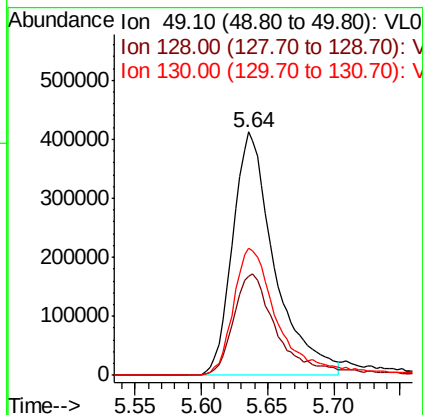
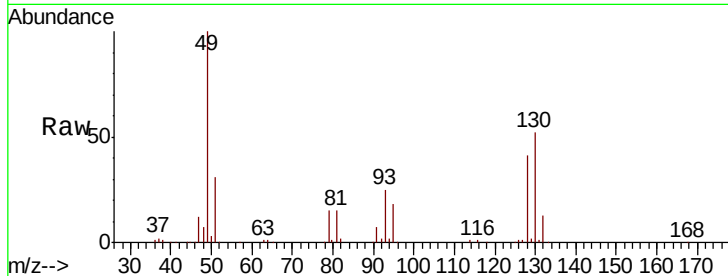
Quant Time: Mar 05 05:00:26 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
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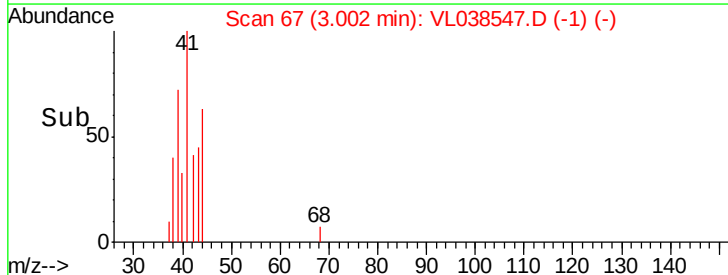
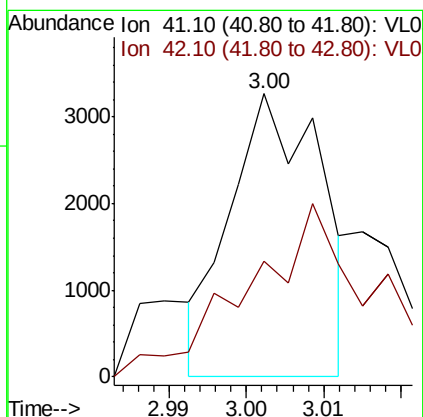
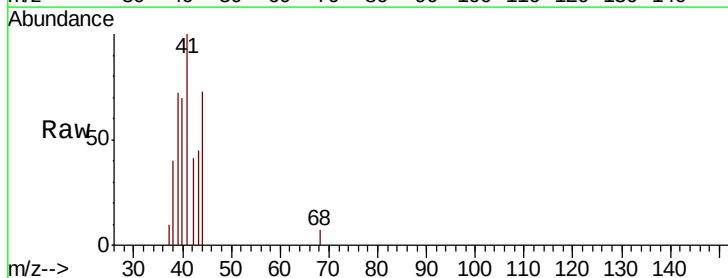
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 23:16

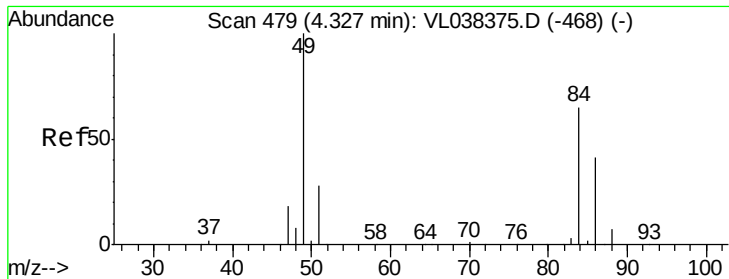
Tot Ion: 49 Resp: 906938
 Ion Ratio Lower Upper
 49 100
 128 45.3 24.3 72.9
 130 57.9 30.1 90.5



#9
 Propene
 Concen: 0.051 ppbv
 RT: 3.00 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: VL038547.D
 Acq: 4 Mar 2022 23:16

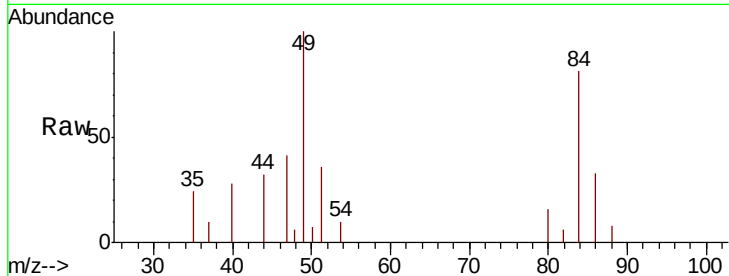
Tgt Ion: 41 Resp: 2681
 Ion Ratio Lower Upper
 41 100
 42 0.0 54.6 82.0#



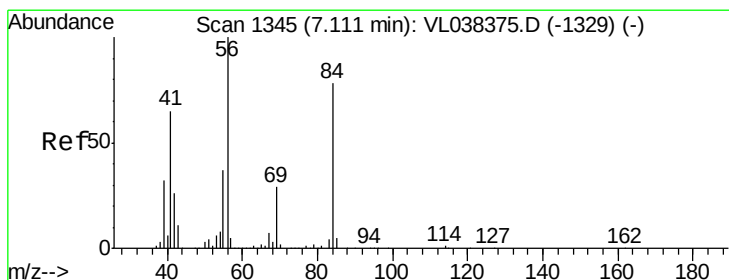
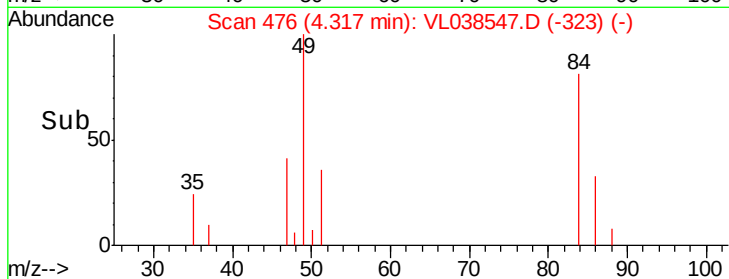
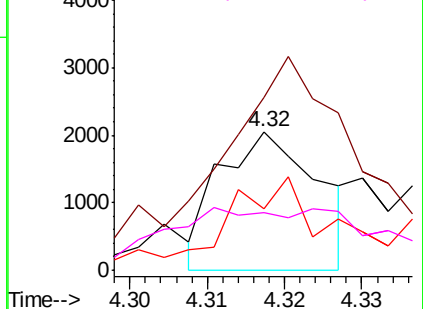


#20
Methvlene Chloride
Concen: 0.048 ppbv
RT: 4.32
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Mar 2022 23:16

Tot Ion: 84 Resp: 1821
Ion Ratio Lower Upper
84 100
49 93.4 122.4 183.6#
51 27.0 33.3 49.9#
86 12.7 50.7 76.1#

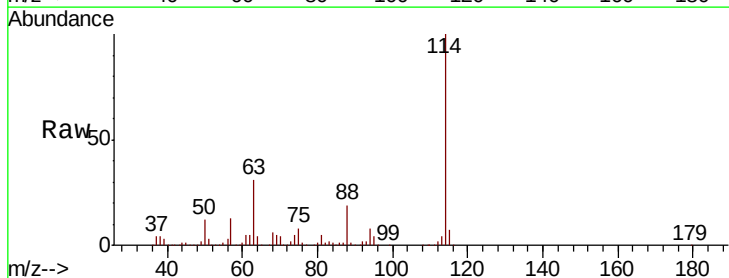


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

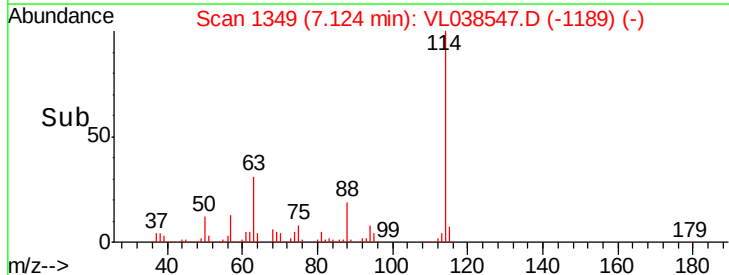
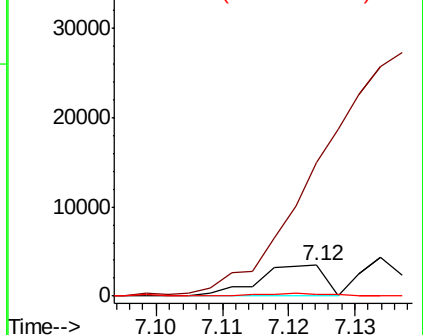


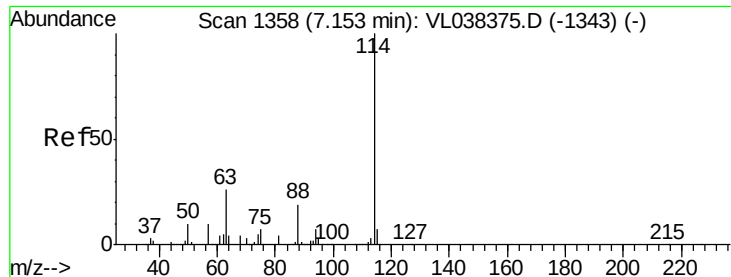
#30
Cyclohexane
Concen: 0.031 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.01 min
Lab File: VL038547.D
Acq: 4 Mar 2022 23:16

Tgt Ion: 84 Resp: 2378
Ion Ratio Lower Upper
84 100
56 0.0 116.2 174.4#
41 10.2 74.3 111.5#



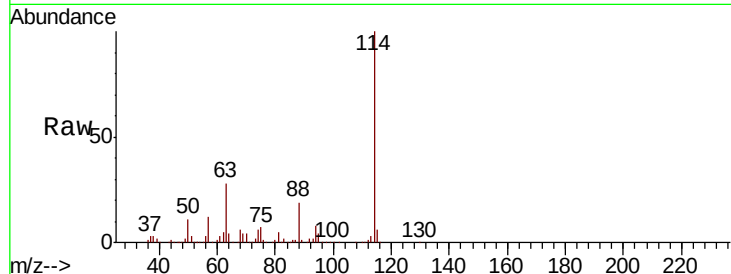
Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0



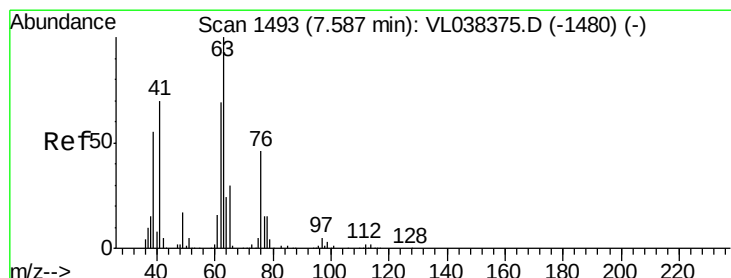
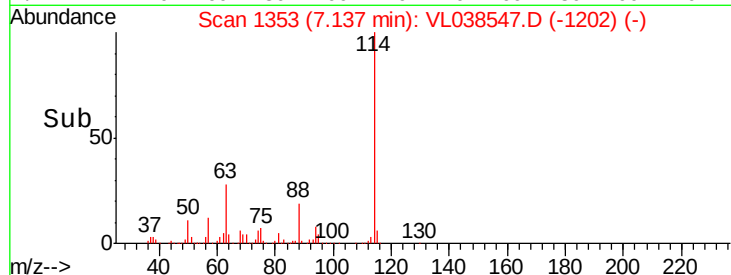
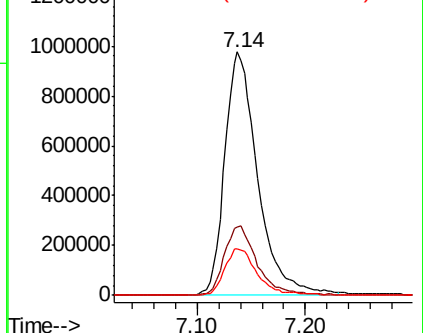


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 23:16

Tot Ion:	114	Resp:	2079715
Ion	Ratio	Lower	Upper
114	100		
63	29.0	22.2	33.2
88	19.2	15.2	22.8

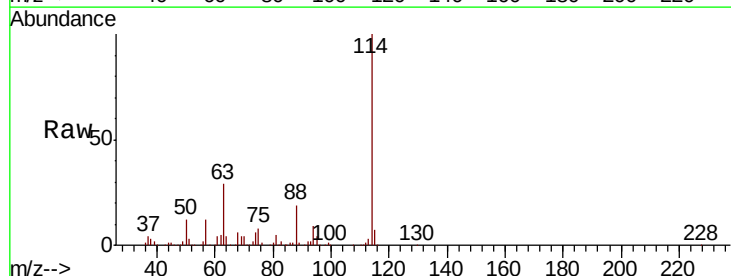


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

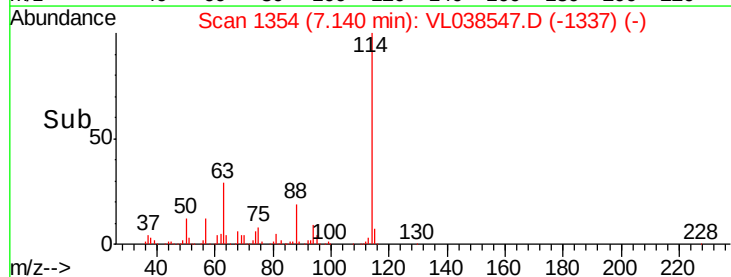
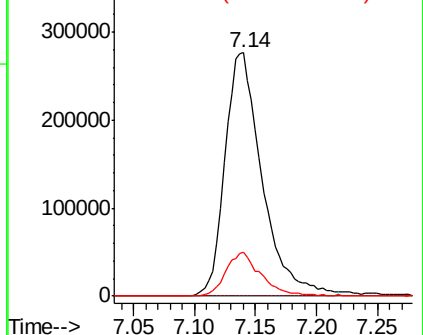


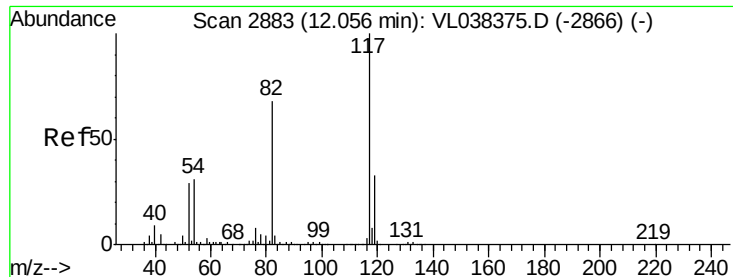
#39
 1,2-Dichloropropane
 Concen: 8.073 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T.: -0.45 min
 Lab File: VL038547.D
 Acq: 4 Mar 2022 23:16

Tgt Ion:	63	Resp:	588753
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	17.9	55.5	83.3#



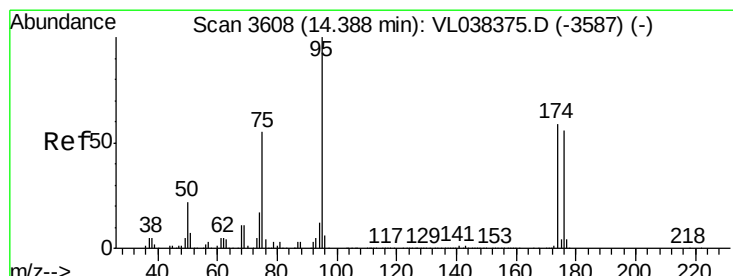
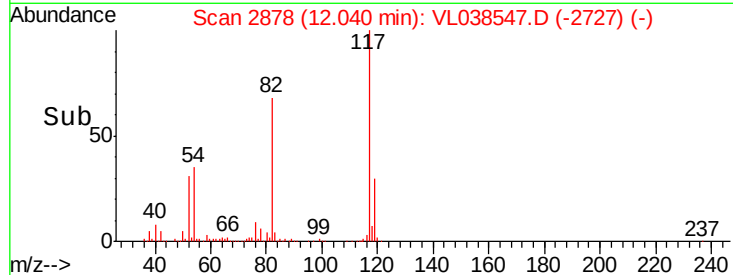
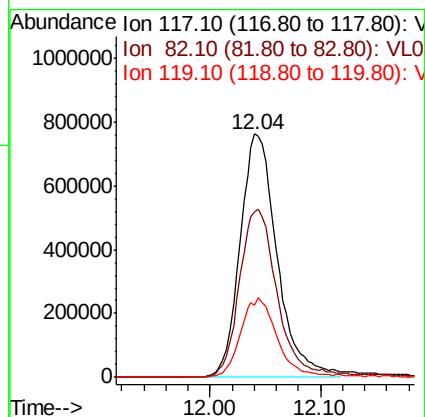
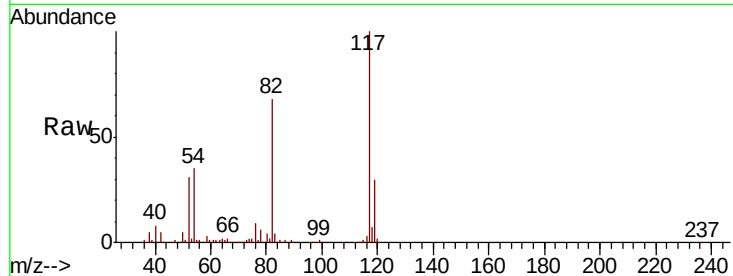
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 23:16

Tot Ion: 117 Resp: 1776718
 Ion Ratio Lower Upper
 117 100
 82 73.3 54.9 82.3
 119 33.2 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.564 ppbv
 RT: 14.37 min Scan# 3603
 Delta R.T. -0.02 min
 Lab File: VL038547.D
 Acq: 4 Mar 2022 23:16

Tgt Ion: 95 Resp: 1406040
 Ion Ratio Lower Upper
 95 100
 174 58.6 49.0 73.4
 175 4.1 3.6 5.4

