

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
 Data File : VL039332.D
 Acq On : 22 Jun 2022 22:48
 Operator : SY/AP
 Sample : QC062022 CAN 10448
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062022 CAN 10448

Quant Time: Jun 23 07:29:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1050265	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3054781	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2729666	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2095869	9.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.90%

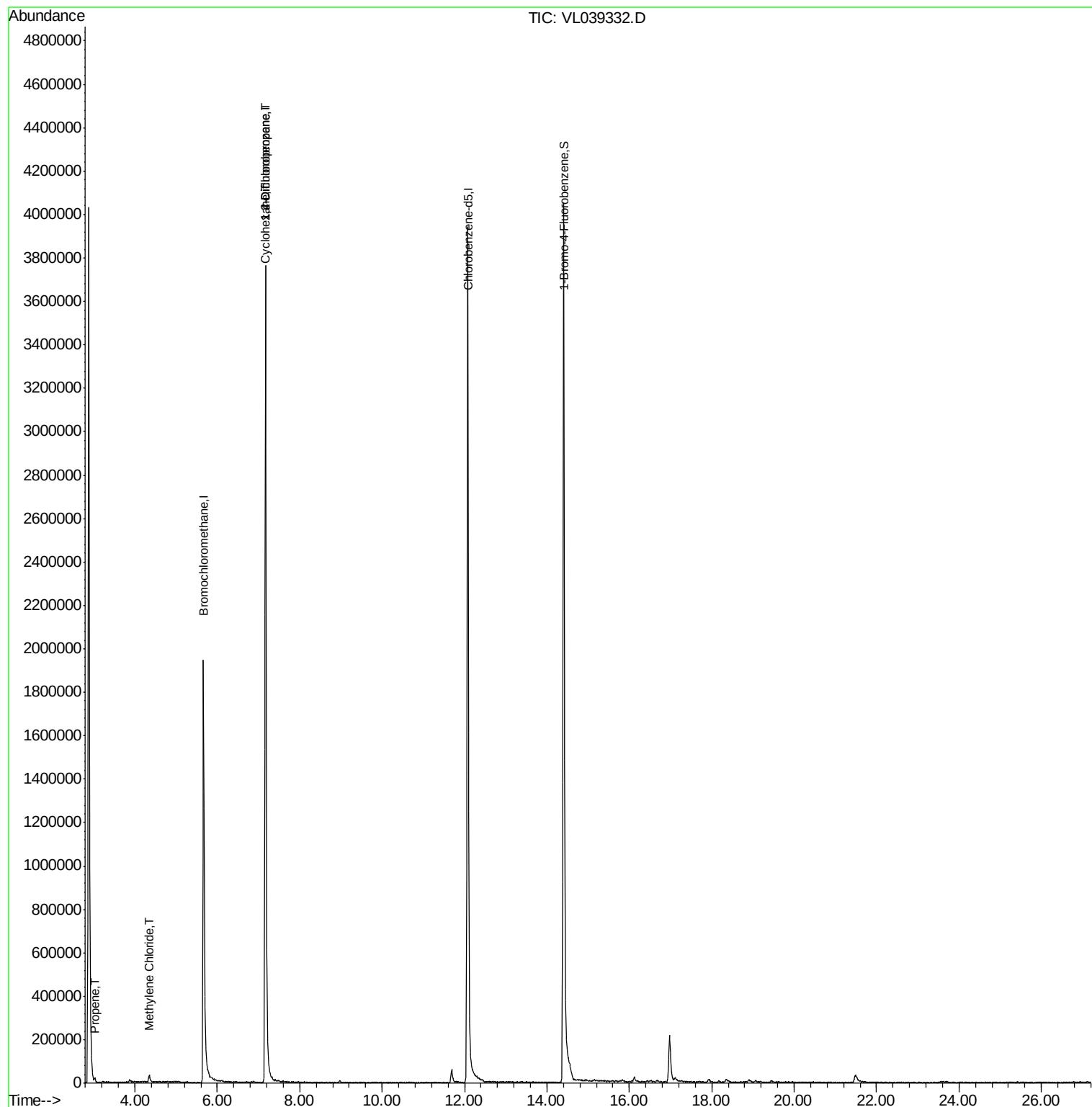
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	6010	0.103	ppbv	83
20) Methylene Chloride	4.35	84	12096	0.262	ppbv	90
30) Cyclohexane	7.16	84	6641	0.073	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	747577	7.578	ppbv #	25

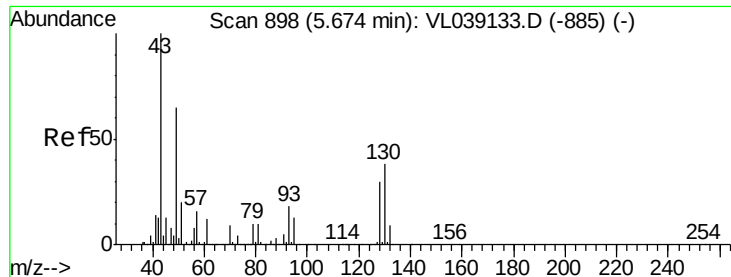
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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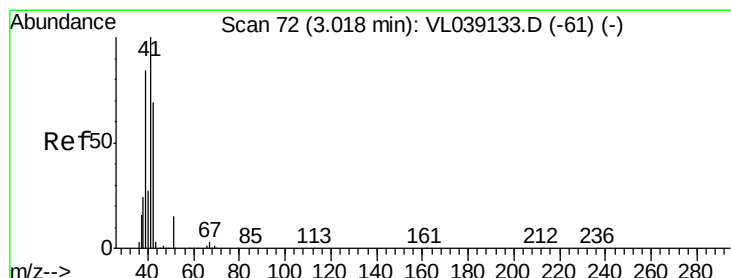
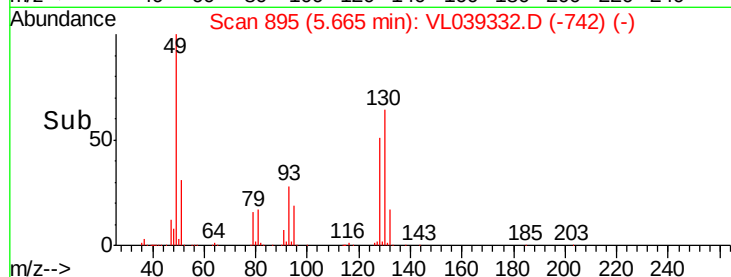
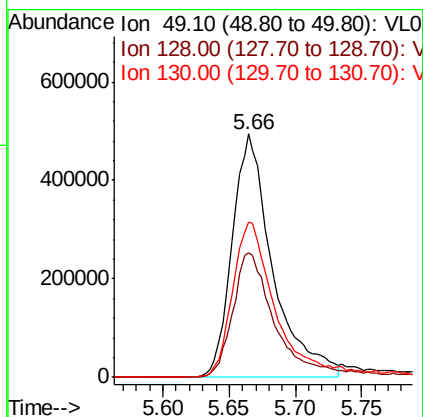
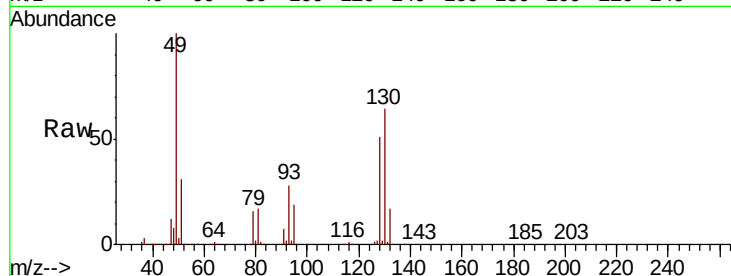
Quant Time: Jun 23 07:29:18 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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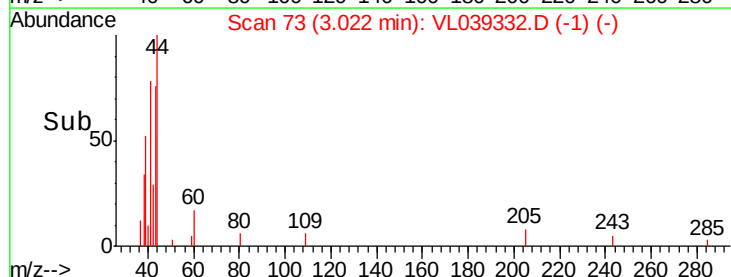
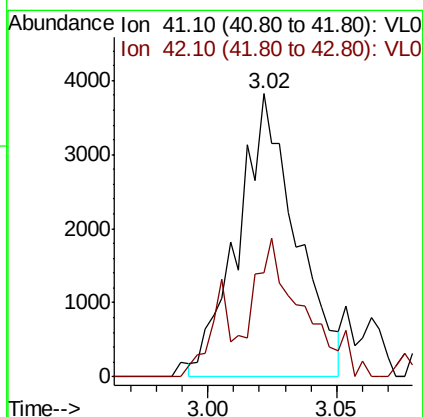
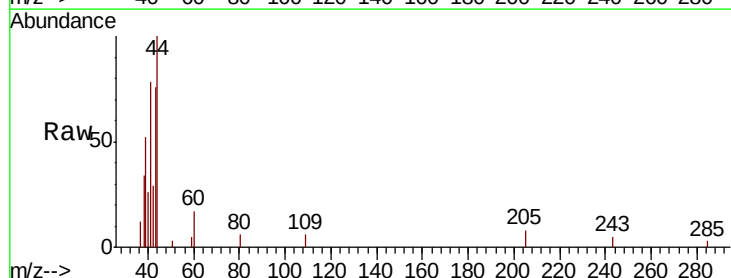
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC062022 CAN 10448
 Acq: 22 Jun 2022 22:48

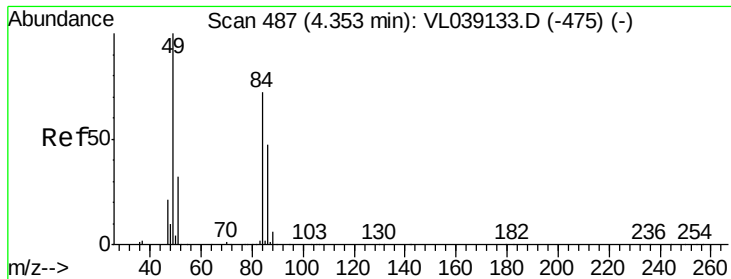
Tot Ion: 49 Resp: 1050265
 Ion Ratio Lower Upper
 49 100
 128 56.2 24.7 74.1
 130 72.4 31.4 94.0



#9
 Propene
 Concen: 0.103 ppbv
 RT: 3.02 min Scan# 73
 Delta R.T.: 0.00 min
 Lab File: VL039332.D
 Acq: 22 Jun 2022 22:48

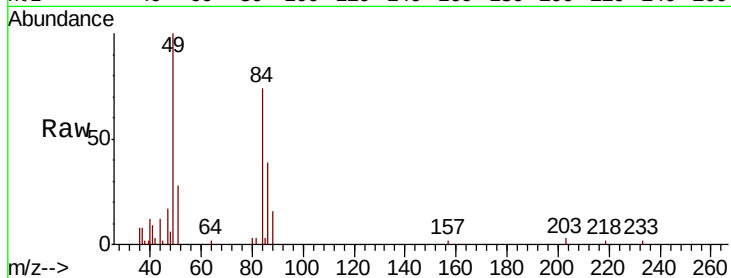
Tgt Ion: 41 Resp: 6010
 Ion Ratio Lower Upper
 41 100
 42 55.7 55.4 83.2



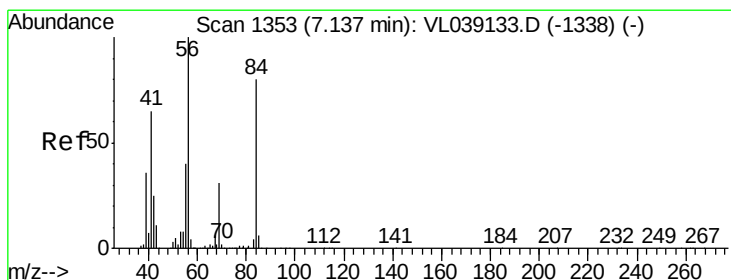
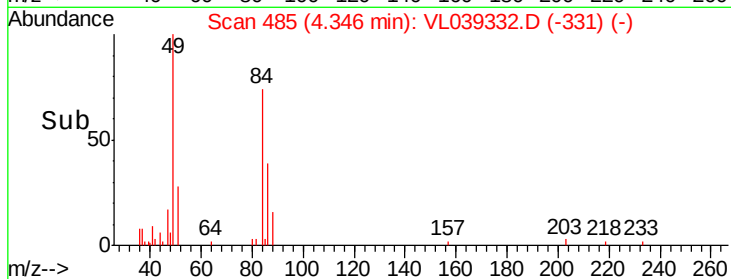
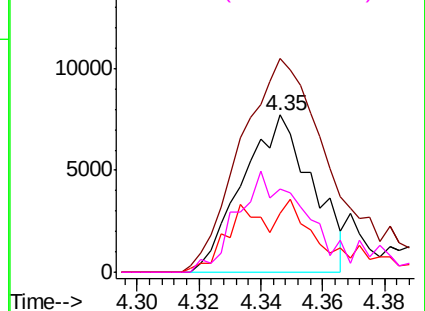


#20
Methvlene Chloride
Concen: 0.262 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
QC062022 CAN 10448
Acq: 22 Jun 2022 22:48

Tot Ion:	84	Resp:	12096
Ion	Ratio	Lower	Upper
84	100		
49	131.6	111.1	166.7
51	35.6	35.3	52.9
86	53.3	51.9	77.9

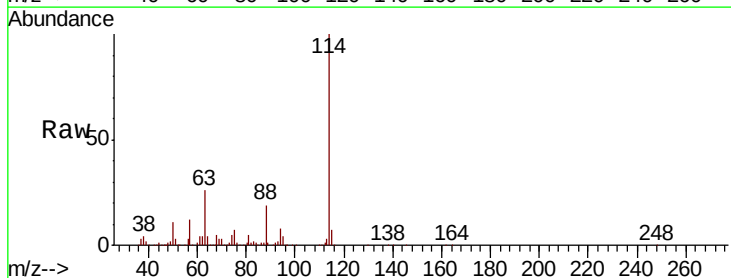


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

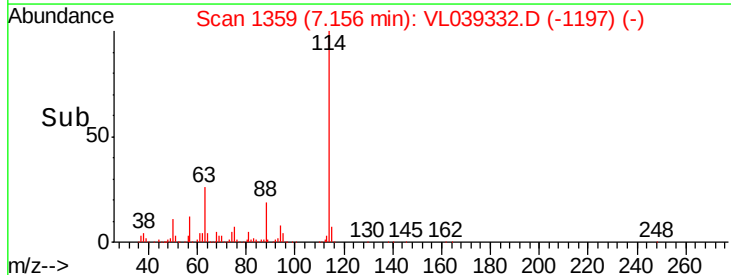
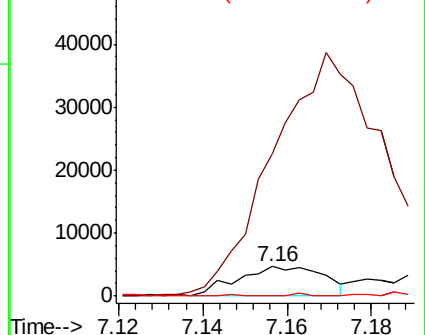


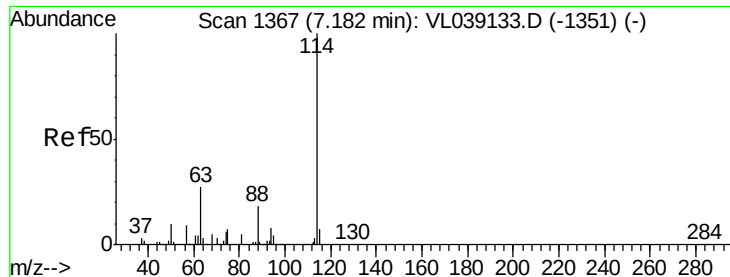
#30
Cyclohexane
Concen: 0.073 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL039332.D
Acq: 22 Jun 2022 22:48

Tgt Ion:	84	Resp:	6641
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	1.0	68.9	103.3#



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: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 22:48 OC062022 CAN 10448

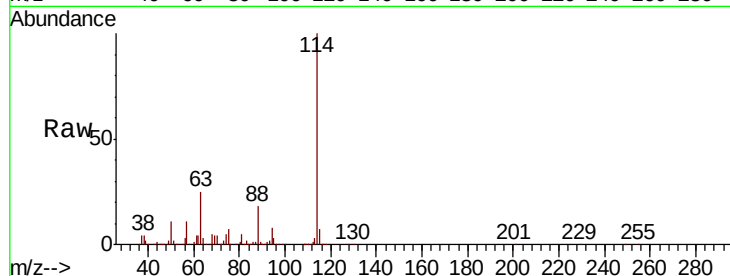
Tot Ion:114 Resp: 3054781

Ion Ratio Lower Upper

114 100

63 25.7 21.7 32.5

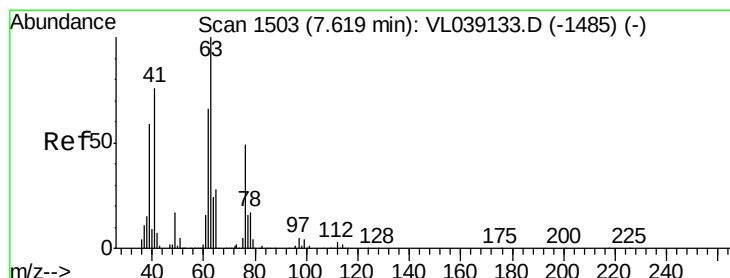
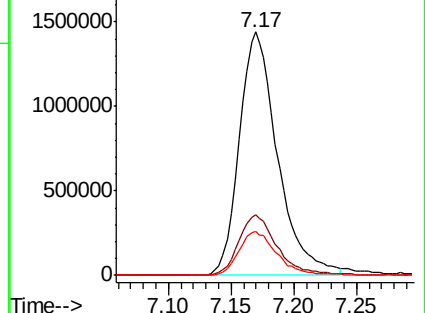
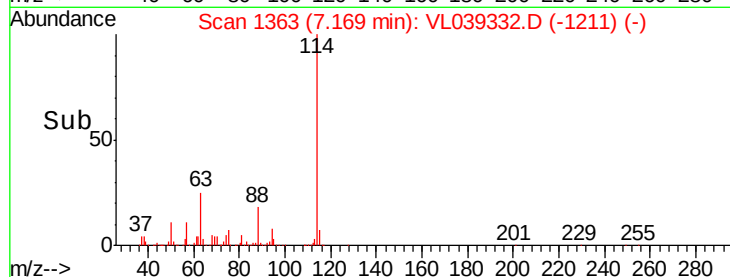
88 18.3 14.8 22.2



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: 7.578 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.45 min

Lab File: VL039332.D

Acq: 22 Jun 2022 22:48

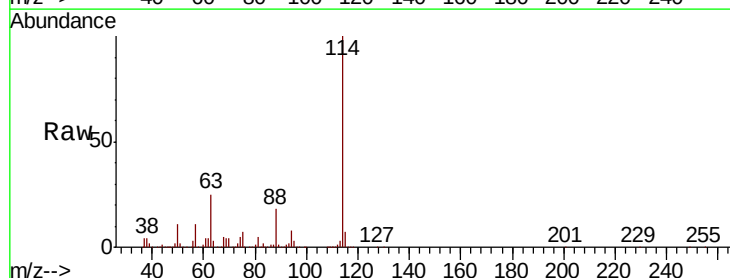
Tgt Ion: 63 Resp: 747577

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

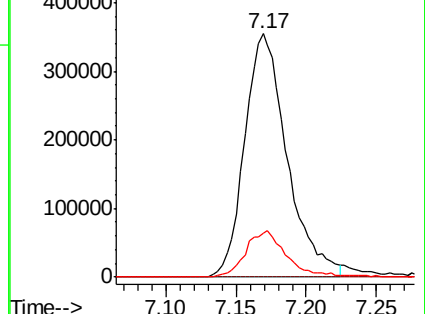
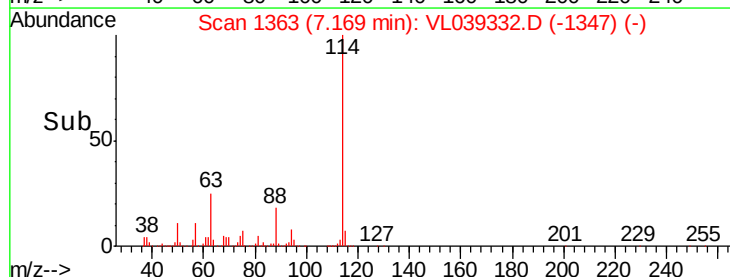
62 18.2 52.9 79.3#

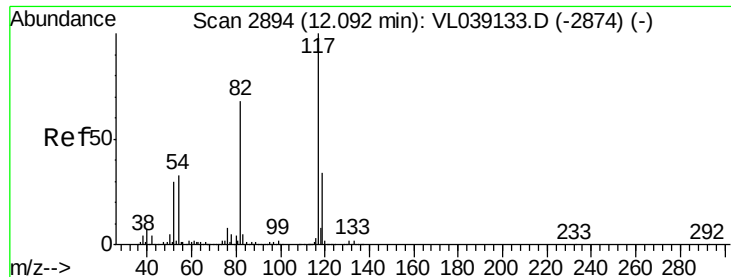


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

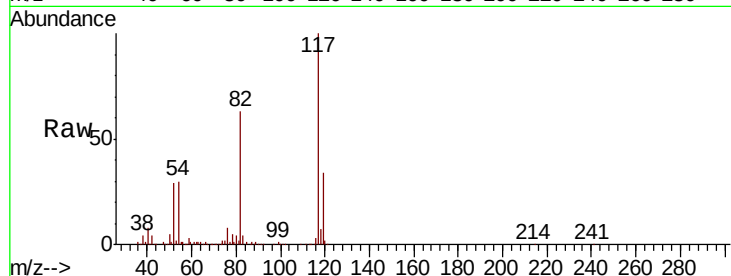




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: QC062022 CAN 10448
 Acq: 22 Jun 2022 22:48

Tot Ion: 117 Resp: 2729666

Ion	Ratio	Lower	Upper
117	100		
82	65.6	55.1	82.7
119	33.3	24.7	37.1

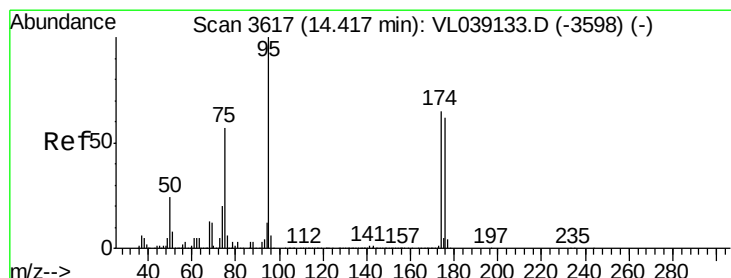
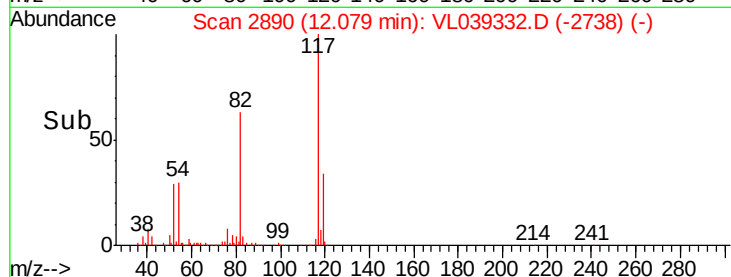
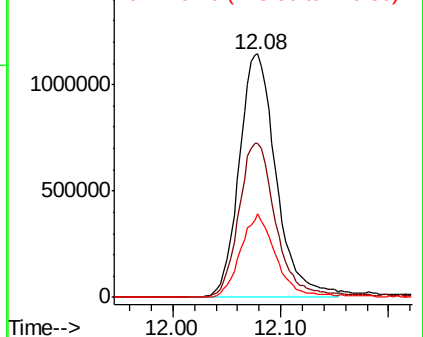


Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

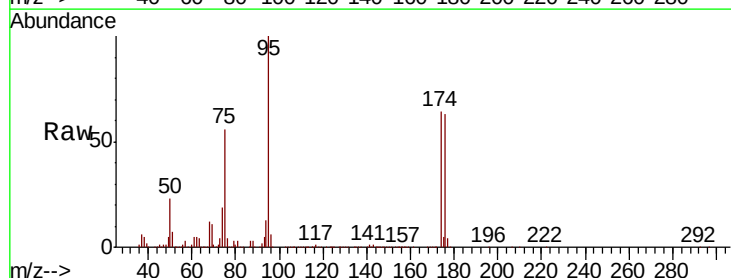
Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.287 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T.: -0.01 min
 Lab File: VL039332.D
 Acq: 22 Jun 2022 22:48

Tgt Ion: 95 Resp: 2095869

Ion	Ratio	Lower	Upper
95	100		
174	69.9	53.8	80.8
175	5.1	4.1	6.1



Abundance

Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

