

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041922\
 Data File : VL038947.D
 Acq On : 19 Apr 2022 13:12
 Operator : SY/AP
 Sample : OC041822 CAN 10439
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041822 CAN 10439

Quant Time: Apr 20 04:24:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1151239	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2996512	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2631109	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2066677	10.36	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

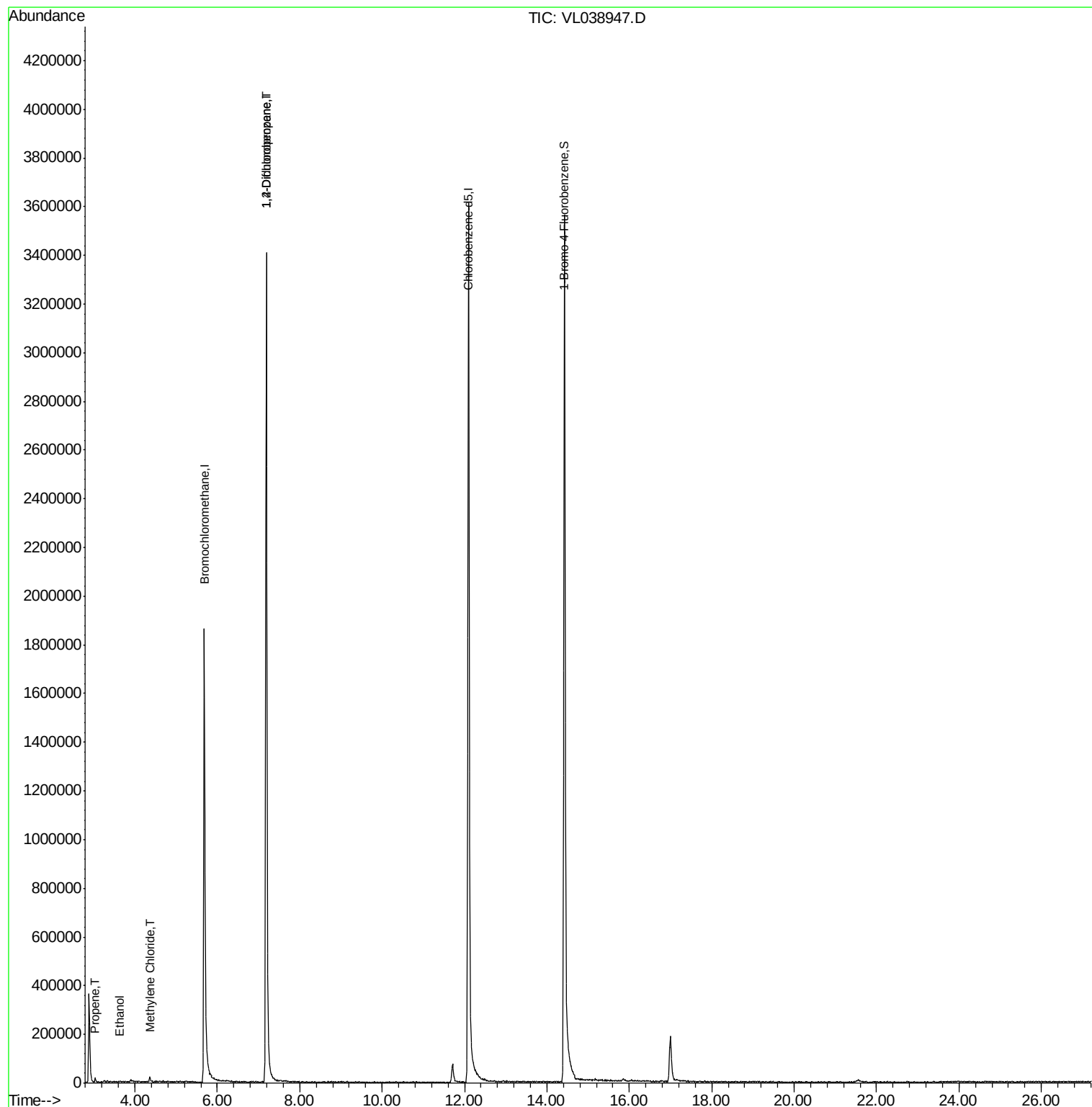
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	4000	0.054	ppbv	89
13) Ethanol	3.62	45	189	0.042	ppbv #	100
20) Methylene Chloride	4.36	84	2572	0.062	ppbv #	81
39) 1,2-Dichloropropane	7.19	63	742670	7.123	ppbv #	26

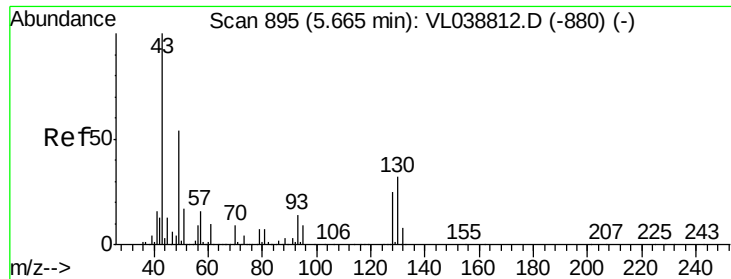
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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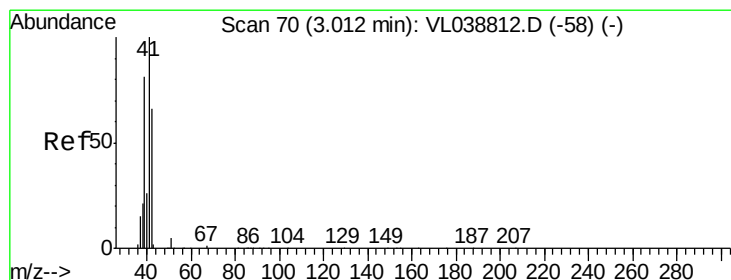
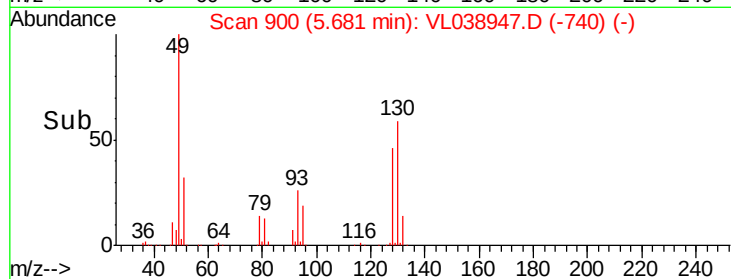
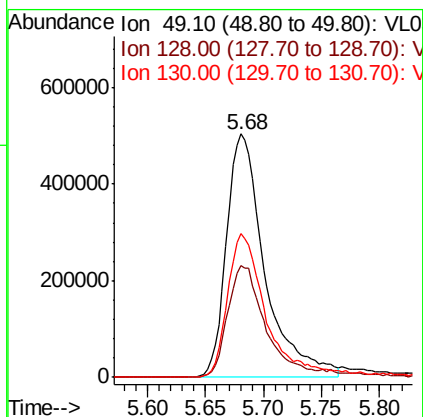
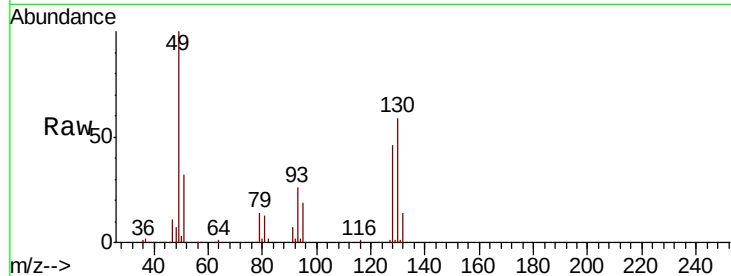
Quant Time: Apr 20 04:24:24 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
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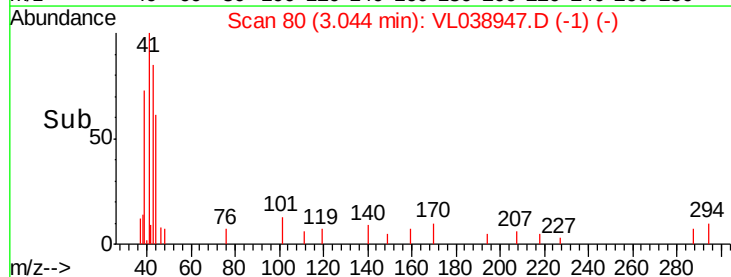
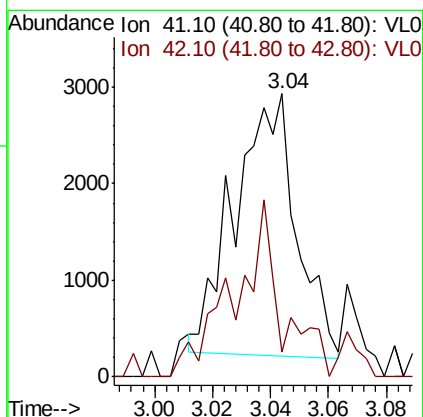
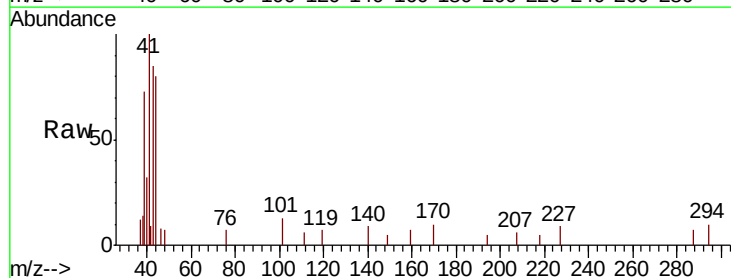
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC041822 CAN 10439
 Acq: 19 Apr 2022 13:12

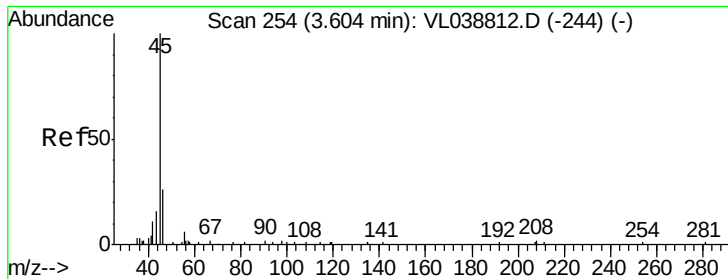
Tot Ion: 49 Resp: 1151239
 Ion Ratio Lower Upper
 49 100
 128 48.7 24.1 72.3
 130 62.1 30.9 92.8



#9
 Propene
 Concen: 0.054 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T.: 0.03 min
 Lab File: VL038947.D
 Acq: 19 Apr 2022 13:12

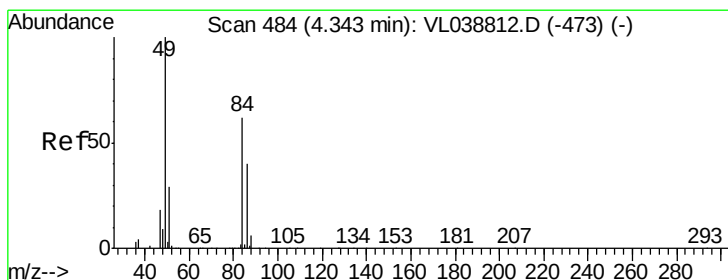
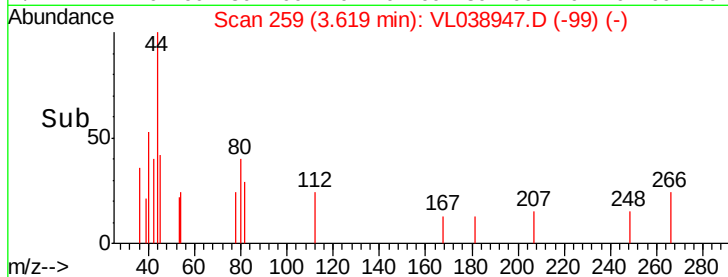
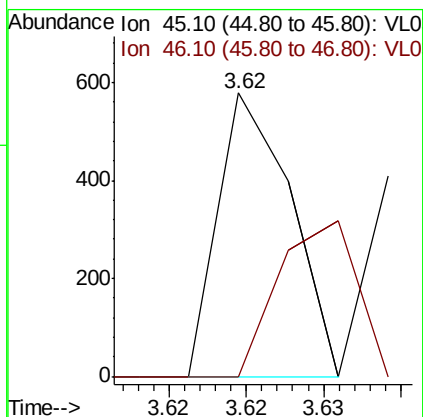
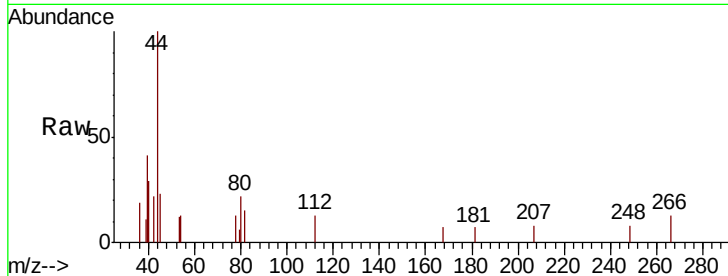
Tgt Ion: 41 Resp: 4000
 Ion Ratio Lower Upper
 41 100
 42 58.9 54.2 81.4





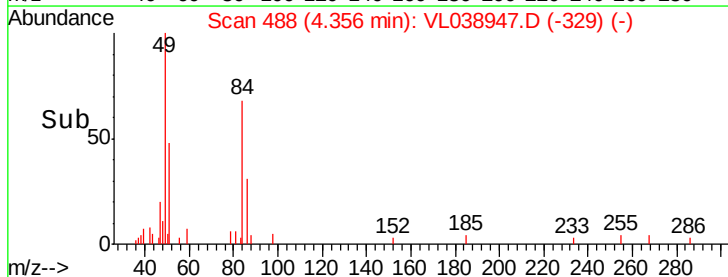
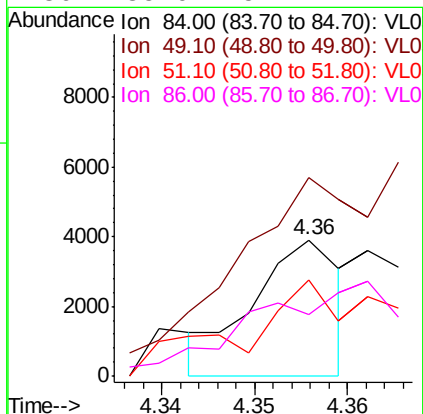
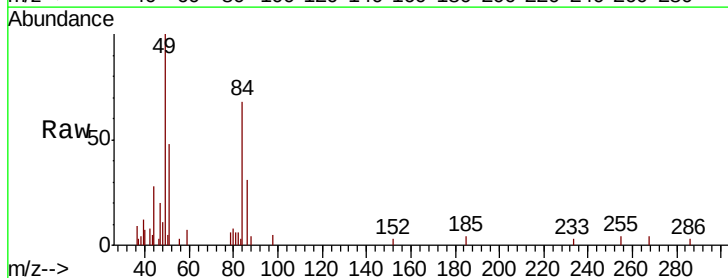
#13
 Ethanol
 Concen: 0.042 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC041822 CAN 10439
 Acq: 19 Apr 2022 13:12

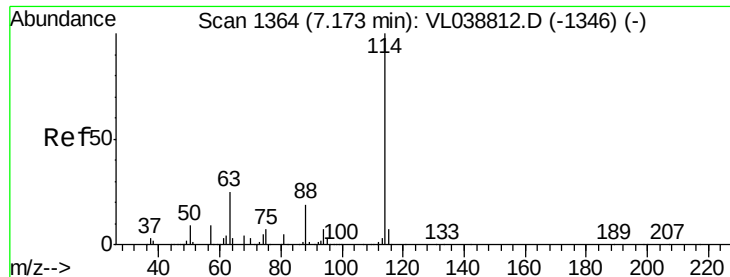
Tot Ion: 45 Resp: 189
 Ion Ratio Lower Upper
 45 100
 46 37.0 0.0 0.0#



#20
 Methylene Chloride
 Concen: 0.062 ppbv
 RT: 4.36 min Scan# 488
 Delta R.T. 0.01 min
 Lab File: VL038947.D
 Acq: 19 Apr 2022 13:12

Tgt Ion: 84 Resp: 2572
 Ion Ratio Lower Upper
 84 100
 49 146.4 129.4 194.0
 51 59.9 37.4 56.2#
 86 35.0 51.4 77.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Apr 2022 13:12 QC041822 CAN 10439

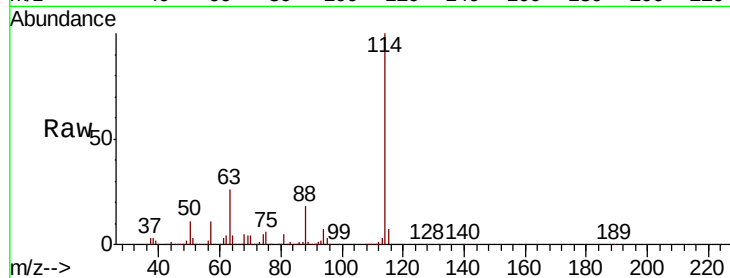
Tot Ion:114 Resp: 2996512

Ion Ratio Lower Upper

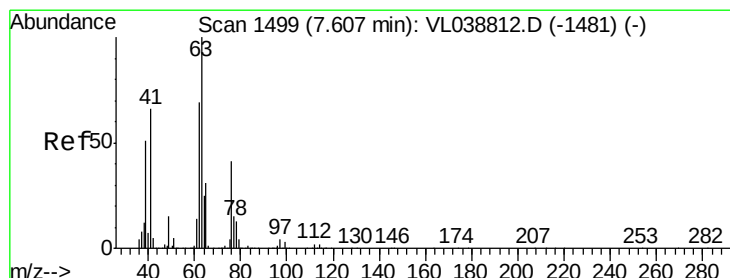
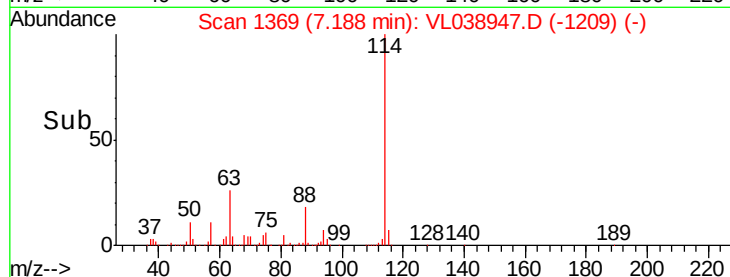
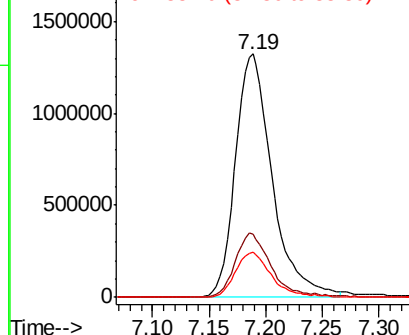
114 100

63 26.4 19.8 29.8

88 18.7 14.2 21.4



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: 7.123 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.42 min

Lab File: VL038947.D

Acq: 19 Apr 2022 13:12

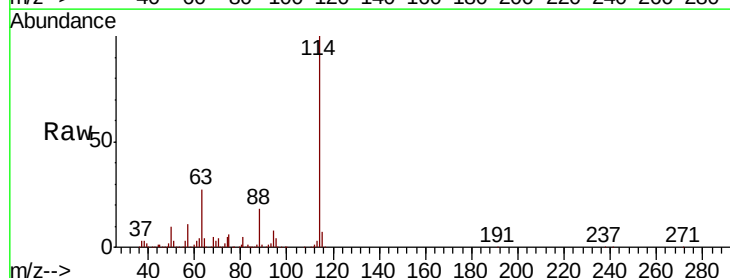
Tgt Ion: 63 Resp: 742670

Ion Ratio Lower Upper

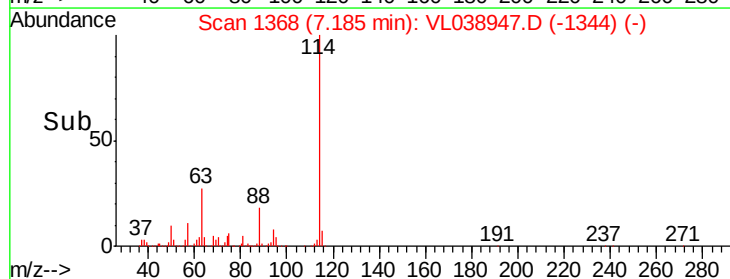
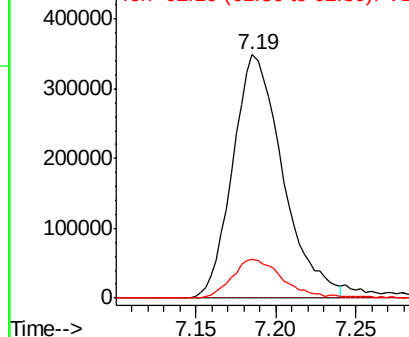
63 100

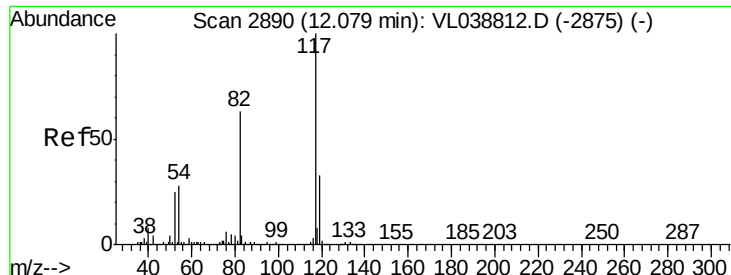
41 0.1 53.0 79.6#

62 15.6 55.0 82.4#



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

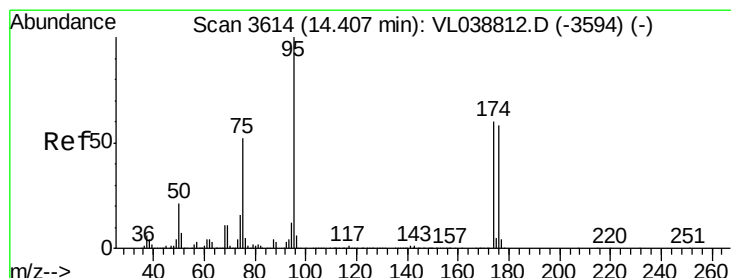
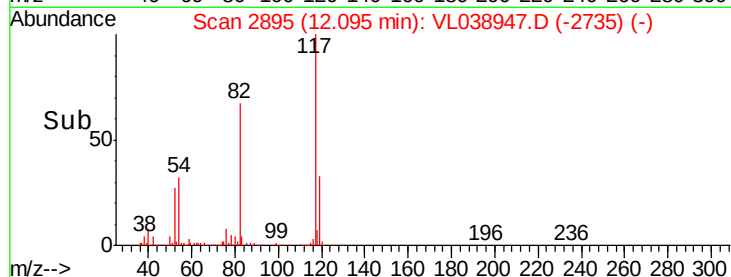
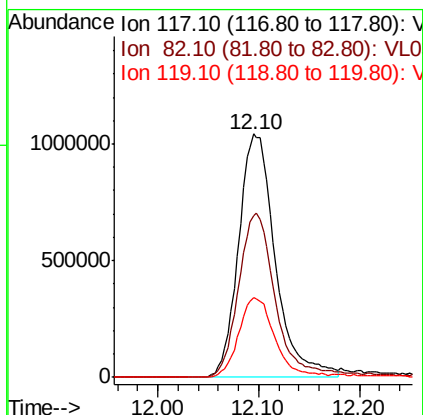
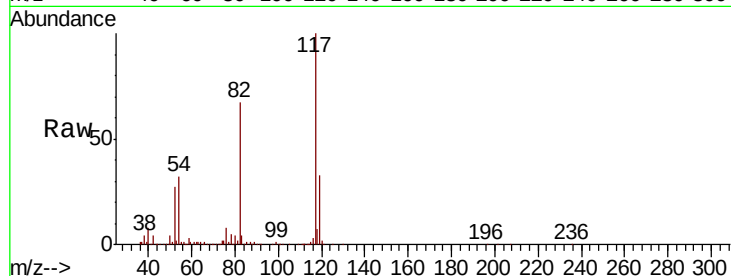




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
QC041822 CAN 10439
Acq: 19 Apr 2022 13:12

Tot Ion:117 Resp: 2631109

Ion	Ratio	Lower	Upper
117	100		
82	70.3	53.0	79.6
119	33.7	24.9	37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.355 ppbv
RT: 14.42 min Scan# 3619
Delta R.T.: 0.02 min
Lab File: VL038947.D
Acq: 19 Apr 2022 13:12

Tgt Ion: 95 Resp: 2066677

Ion	Ratio	Lower	Upper
95	100		
174	64.1	52.0	78.0
175	4.7	4.0	6.0

