

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082522\
 Data File : VL039593.D
 Acq On : 26 Aug 2022 1:02
 Operator : SY/AP
 Sample : OC081522 CAN 10282
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081822 CAN 10315

Quant Time: Aug 26 06:28:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	991682	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2636612	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2268621	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1614323	9.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.30%

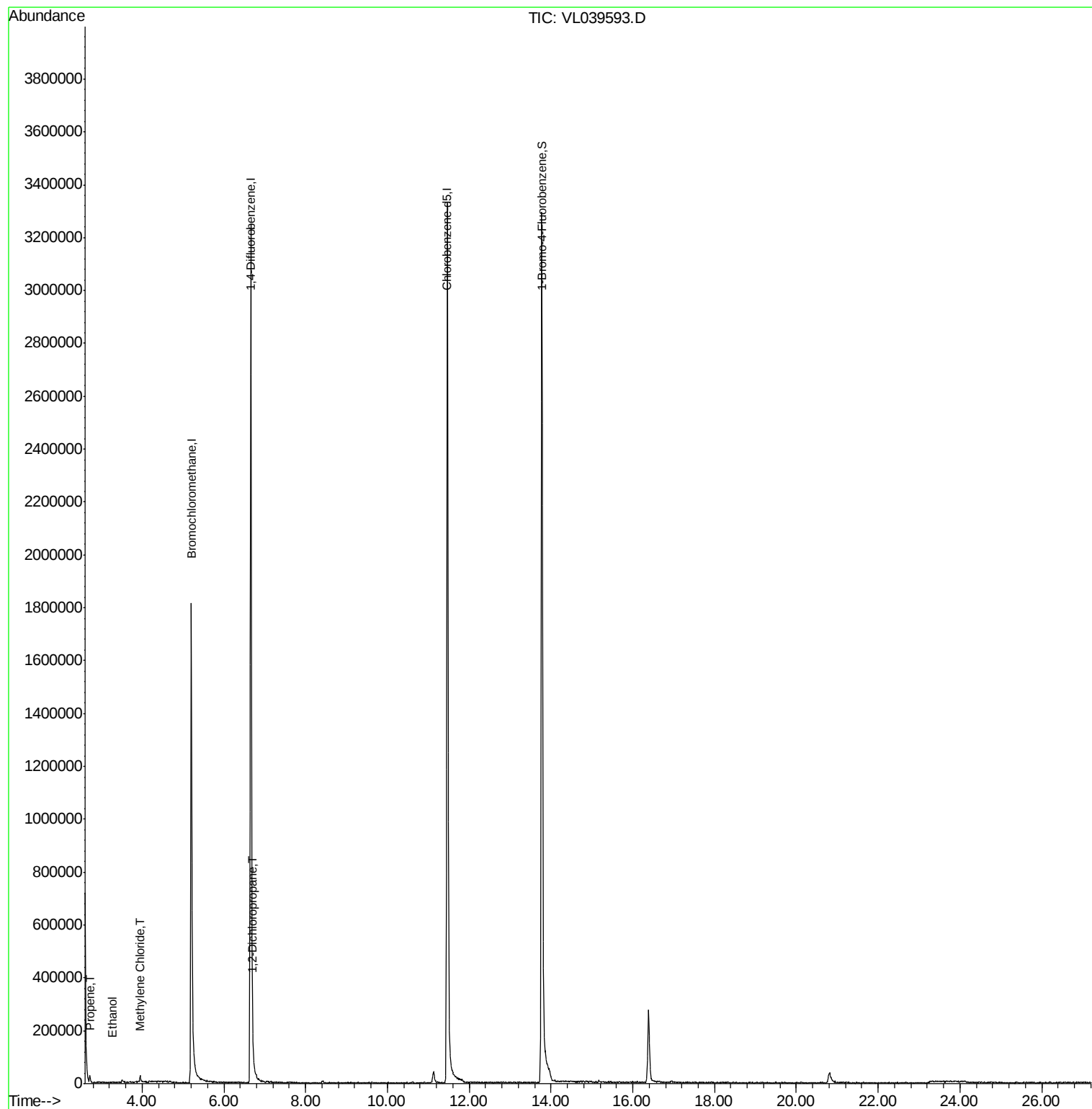
Target Compounds					Ovalue
9) Propene	2.72	41	2845	0.053 ppbv #	15
13) Ethanol	3.28	45	661	0.170 ppbv #	23
20) Methylene Chloride	3.95	84	7006	0.155 ppbv #	72
39) 1,2-Dichloropropane	6.71	63	13639	0.180 ppbv #	28

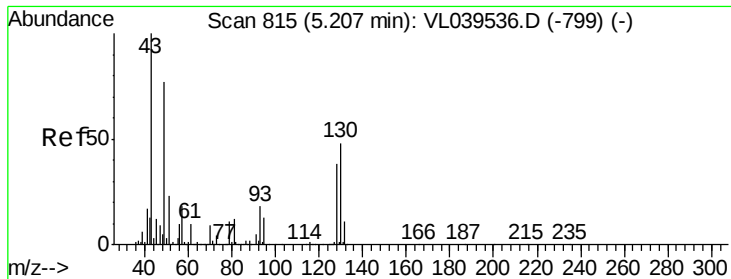
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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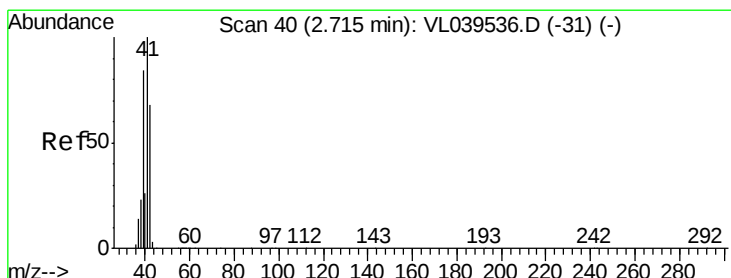
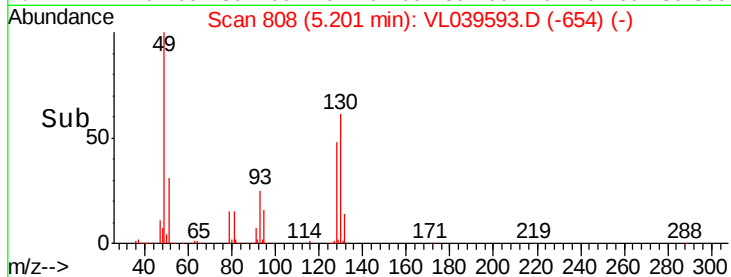
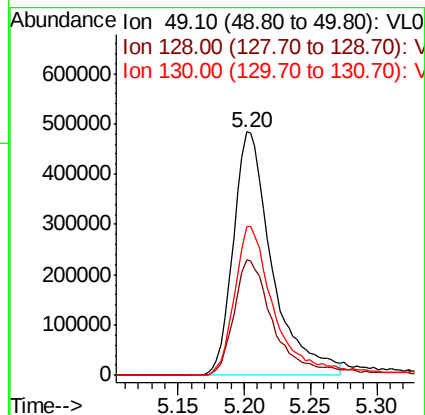
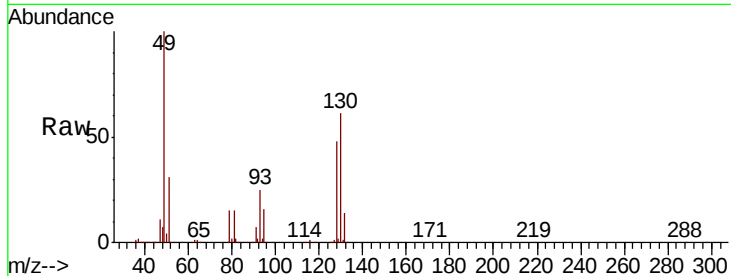
Quant Time: Aug 26 06:28:00 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
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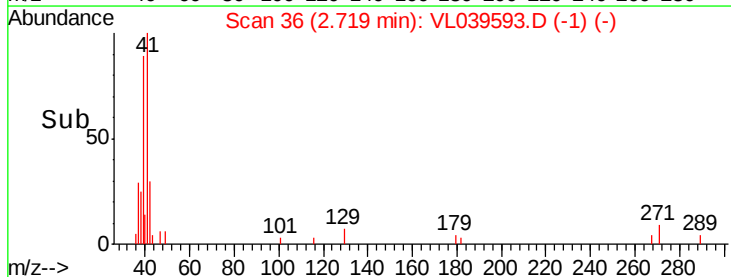
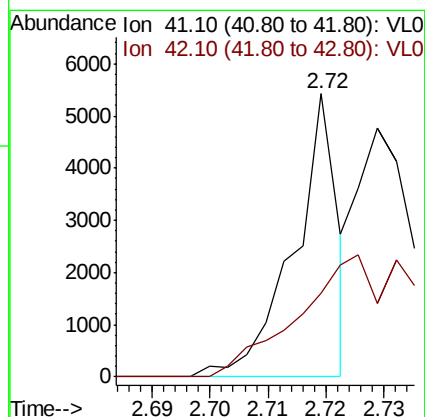
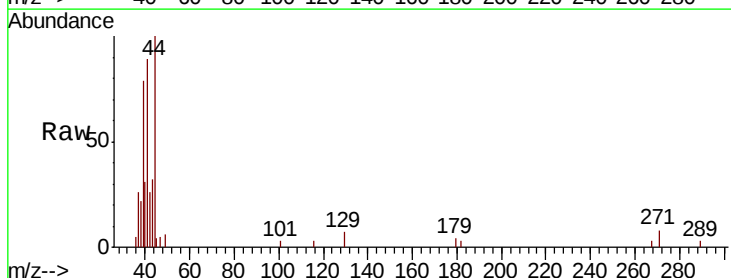
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.20
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 QC081822 CAN 10315
 Acq: 26 Aug 2022 1:02

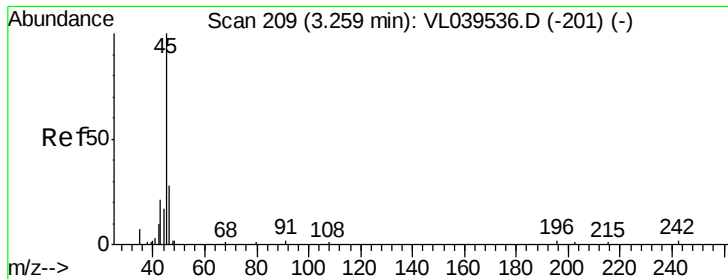
Tot Ion	49	Resp	991682
Ion Ratio	Lower	Upper	
49	100		
128	50.5	26.7	80.0
130	65.4	34.3	102.8



#9
 Propene
 Concen: 0.053 ppbv
 RT: 2.72 min Scan# 36
 Delta R.T.: 0.00 min
 Lab File: VL039593.D
 Acq: 26 Aug 2022 1:02

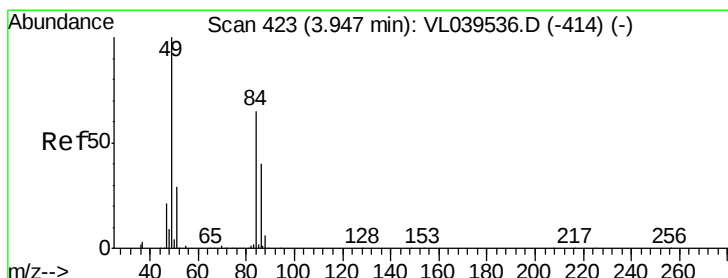
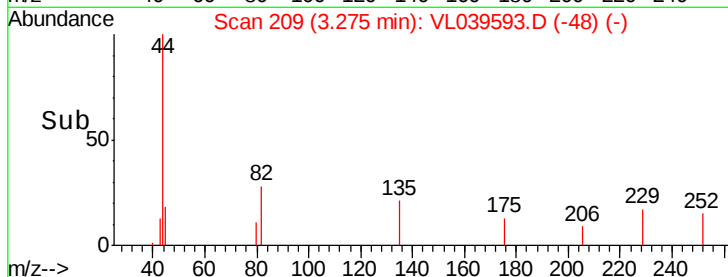
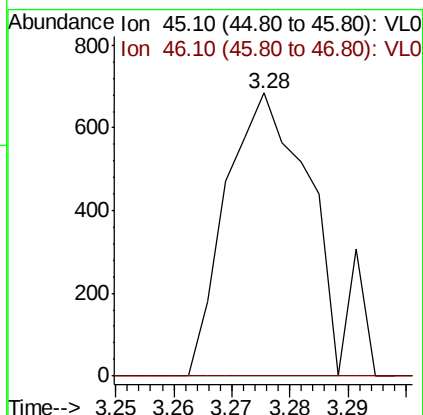
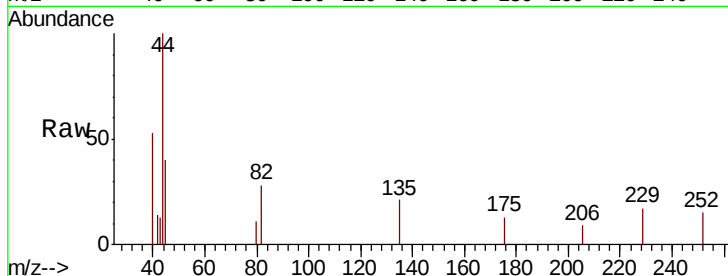
Tgt Ion	41	Resp	2845
Ion Ratio	Lower	Upper	
41	100		
42	0.0	55.2	82.8#





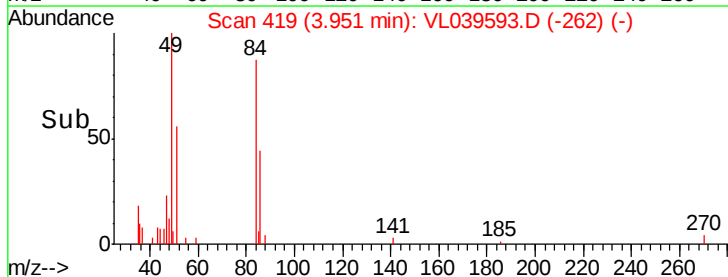
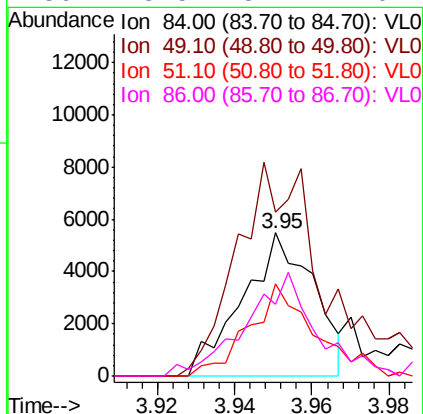
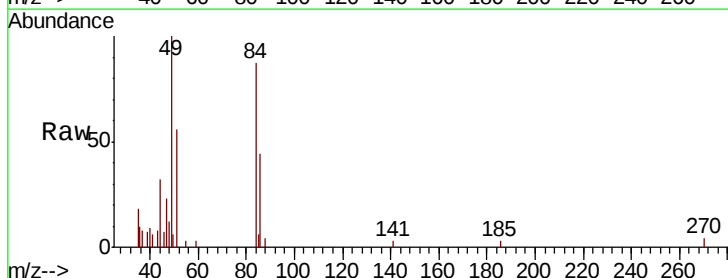
#13
Ethanol
Concen: 0.170 ppbv
RT: 3.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Aug 2022 1:02

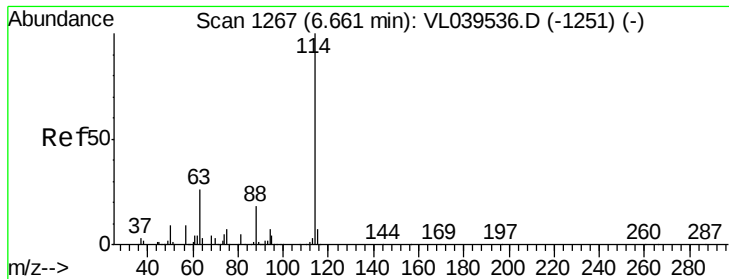
Tot Ion: 45 Resp: 661
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#20
Methylene Chloride
Concen: 0.155 ppbv
RT: 3.95 min Scan# 419
Delta R.T. 0.00 min
Lab File: VL039593.D
Acq: 26 Aug 2022 1:02

Tgt Ion: 84 Resp: 7006
Ion Ratio Lower Upper
84 100
49 116.7 123.1 184.7#
51 64.4 34.4 51.6#
86 45.5 51.1 76.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Aug 2022 1:02 QC081822 CAN 10315

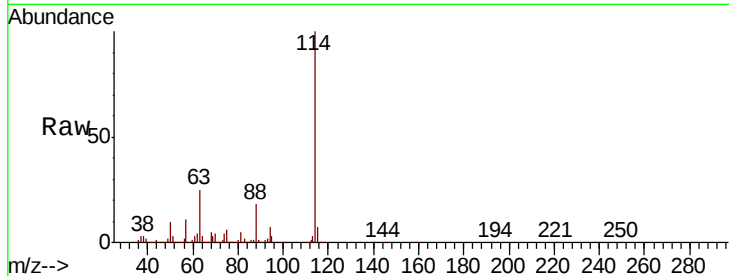
Tot Ion:114 Resp: 2636612

Ion Ratio Lower Upper

114 100

63 24.6 20.2 30.4

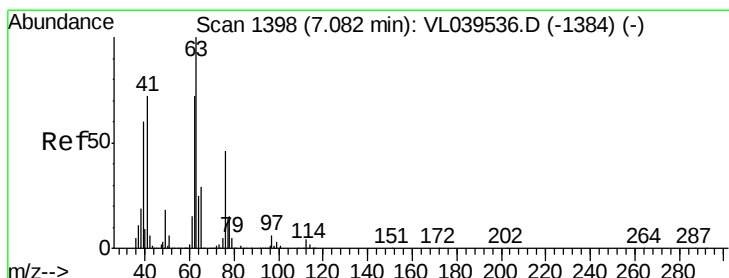
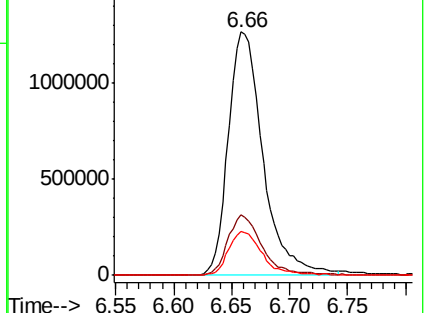
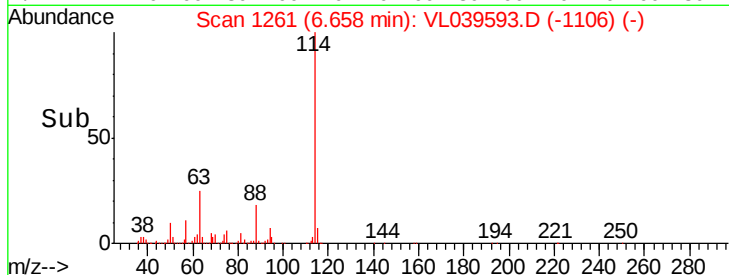
88 17.9 14.5 21.7



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: 0.180 ppbv

RT: 6.71 min Scan# 1278

Delta R.T. -0.37 min

Lab File: VL039593.D

Acq: 26 Aug 2022 1:02

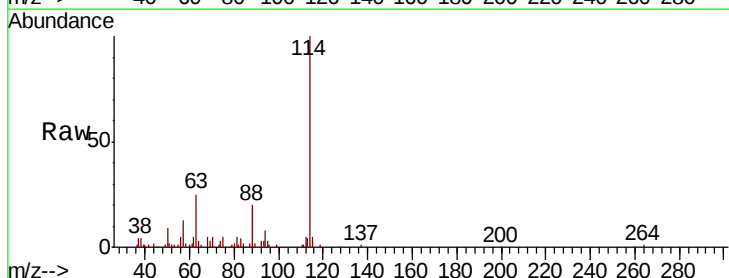
Tgt Ion: 63 Resp: 13639

Ion Ratio Lower Upper

63 100

41 1.1 59.6 89.4#

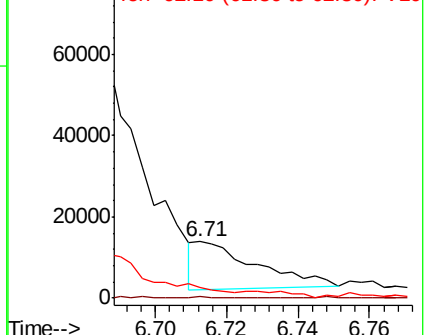
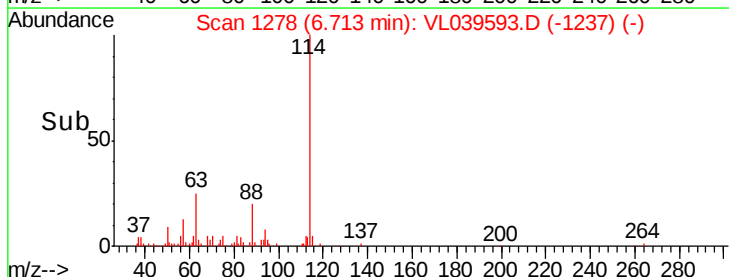
62 20.8 51.4 77.0#

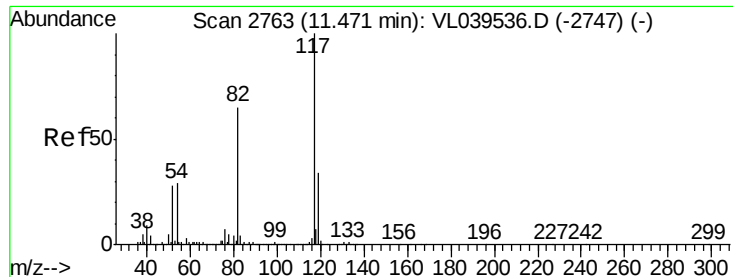


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

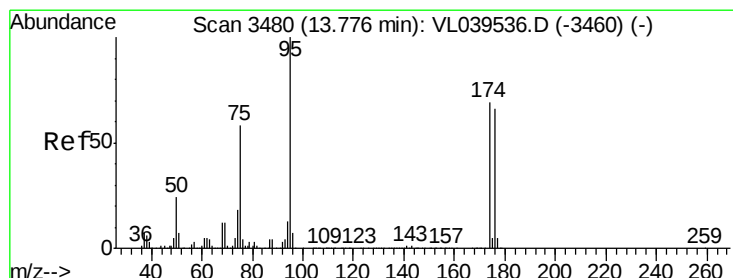
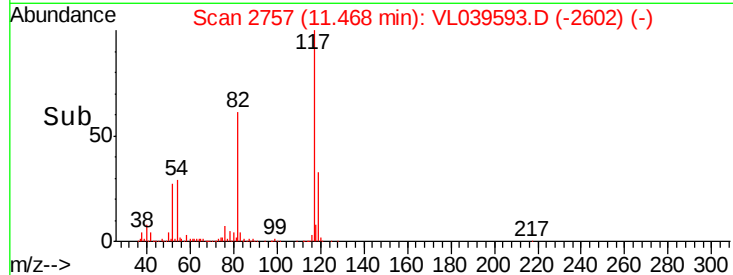
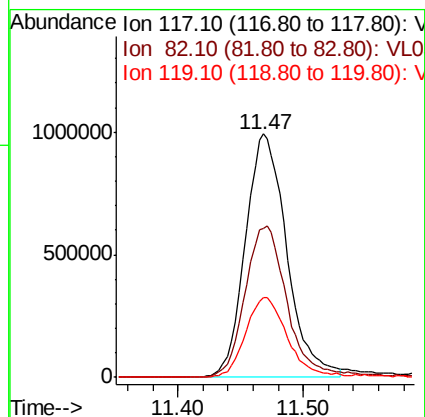
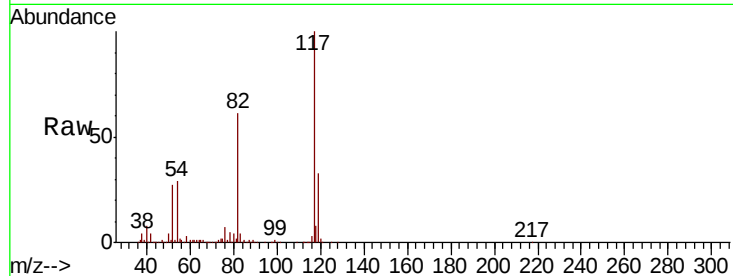




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 QC081822 CAN 10315
 Acq: 26 Aug 2022 1:02

Tot Ion: 117 Resp: 2268621

Ion	Ratio	Lower	Upper
117	100		
82	65.0	50.8	76.2
119	34.1	24.1	36.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.432 ppbv
 RT: 13.78 min Scan# 3475
 Delta R.T.: 0.00 min
 Lab File: VL039593.D
 Acq: 26 Aug 2022 1:02

Tgt Ion: 95 Resp: 1614323

Ion	Ratio	Lower	Upper
95	100		
174	74.7	55.9	83.9
175	5.8	4.2	6.4

