

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039807.D
 Acq On : 26 Oct 2022 9:39
 Operator : SY/AP
 Sample : QC102422 CAN 10279
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102422 CAN 10279

Quant Time: Oct 28 08:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

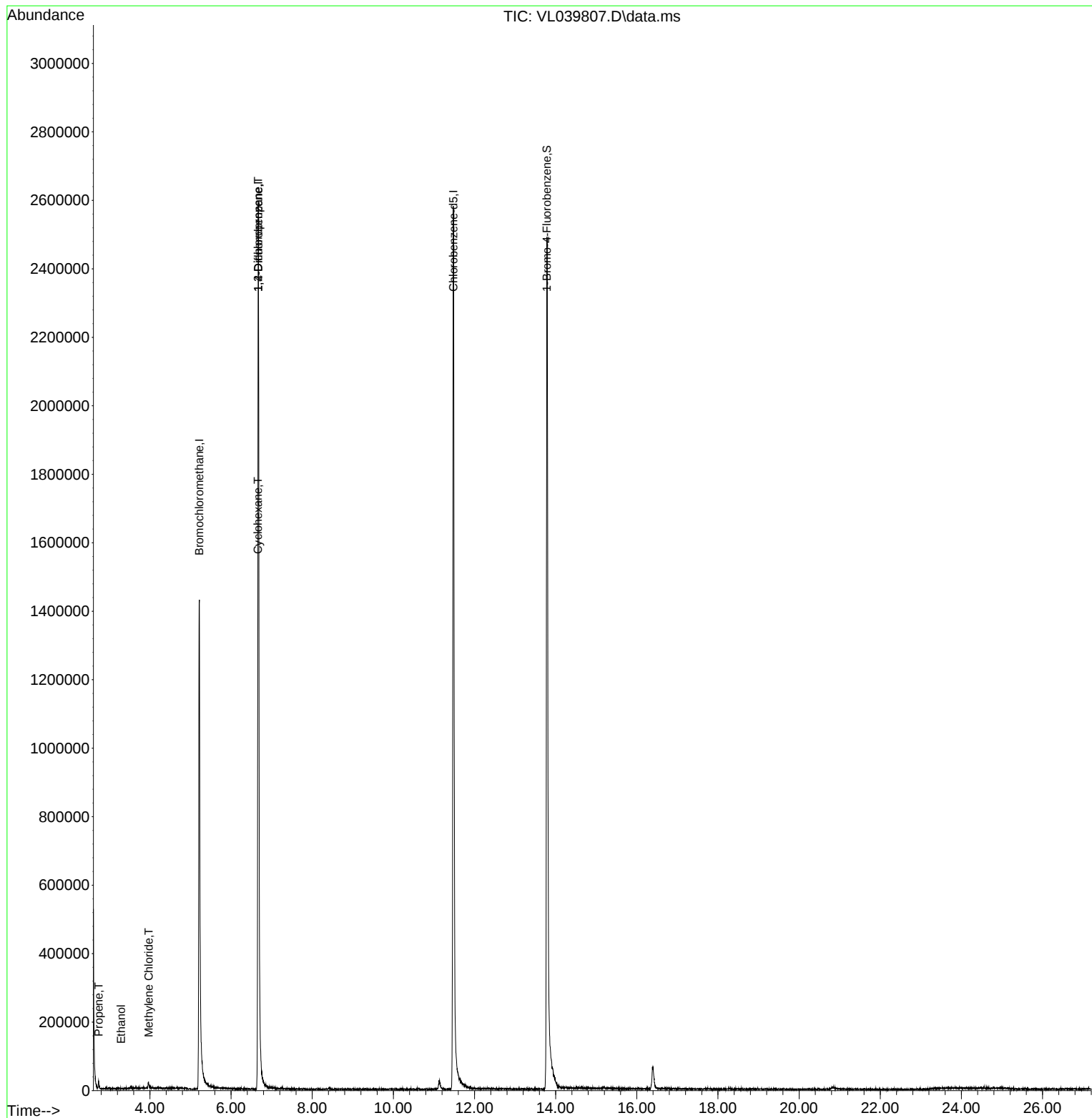
Internal Standards						
1) Bromochloromethane	5.218	49	772756	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.671	114	2039451	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	1725947	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1230725	10.024	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	6247	0.157	ppbv #	74
13) Ethanol	3.288	45	149	0.052	ppbv #	1
20) Methylene Chloride	3.967	84	1909	0.054	ppbv #	70
30) Cyclohexane	6.658	84	3830	0.062	ppbv #	1
39) 1,2-Dichloropropane	6.668	63	495490	8.189	ppbv #	27

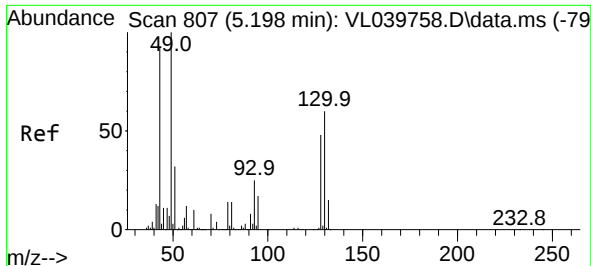
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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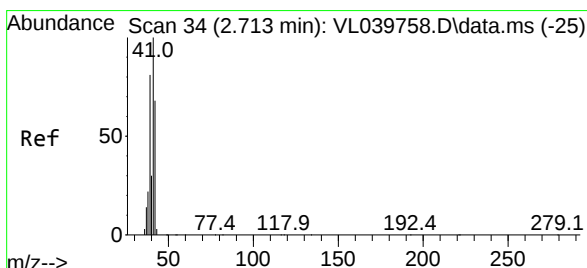
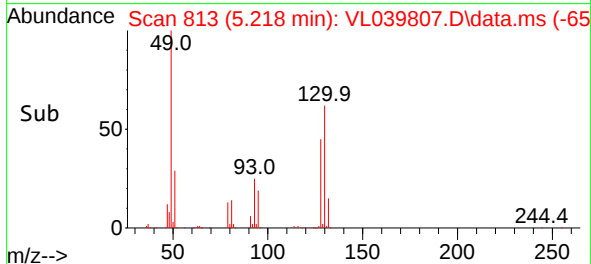
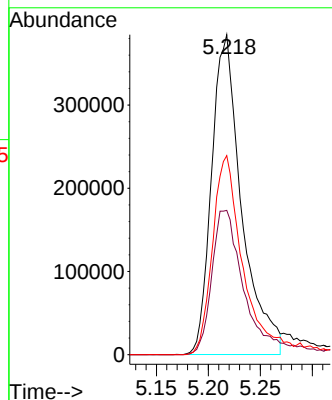
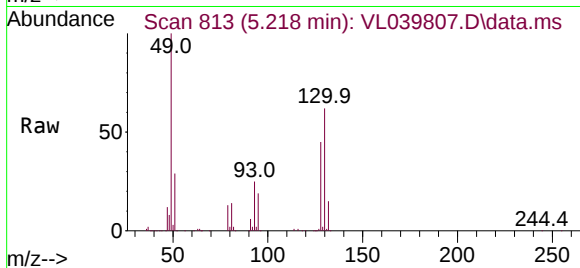




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL039807.D
Acq: 26 Oct 2022 9:39

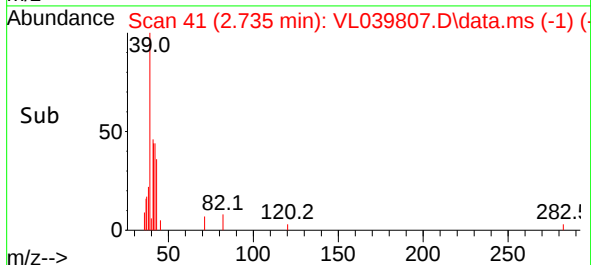
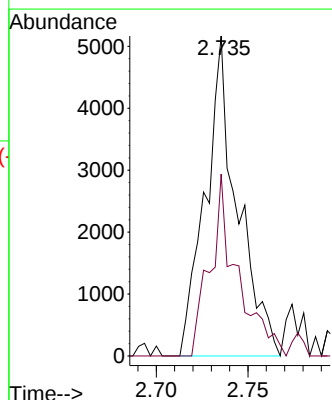
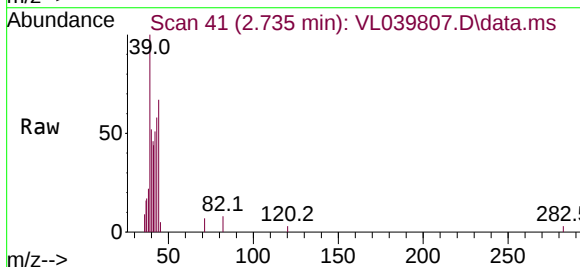
Instrument :
MSVOA_L
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QC102422 CAN 10279

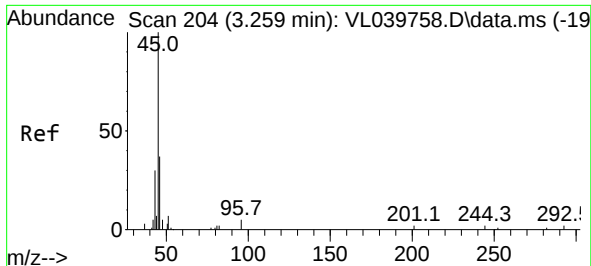
Tgt Ion: 49 Resp: 772756
Ion Ratio Lower Upper
49 100
128 51.8 24.6 74.0
130 65.4 31.8 95.3



#9
Propene
Concen: 0.157 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL039807.D
Acq: 26 Oct 2022 9:39

Tgt Ion: 41 Resp: 6247
Ion Ratio Lower Upper
41 100
42 50.9 58.0 87.0#

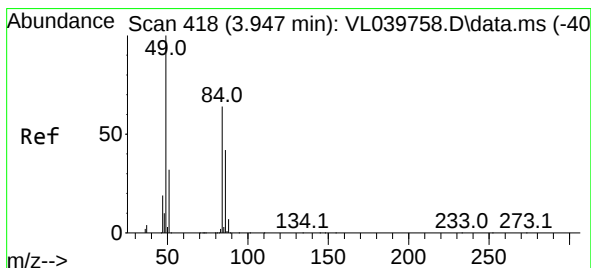
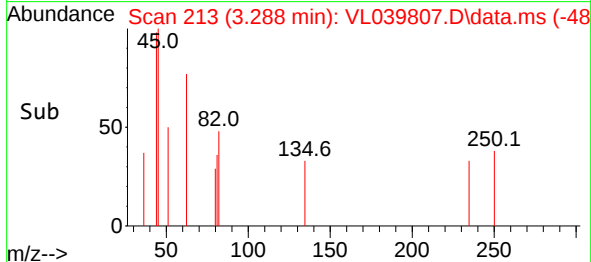
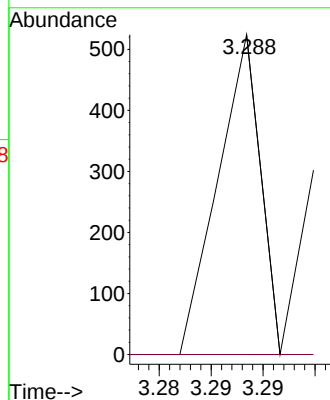
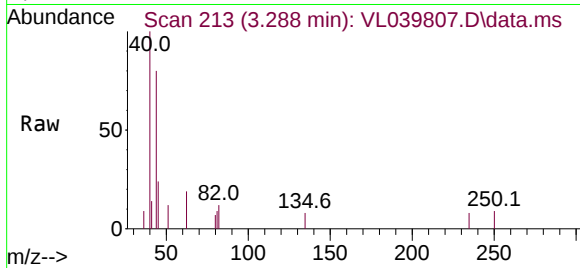




#13
Ethanol
Concen: 0.052 ppbv
RT: 3.288 min Scan# 213
Delta R.T. 0.029 min
Lab File: VL039807.D
Acq: 26 Oct 2022 9:39

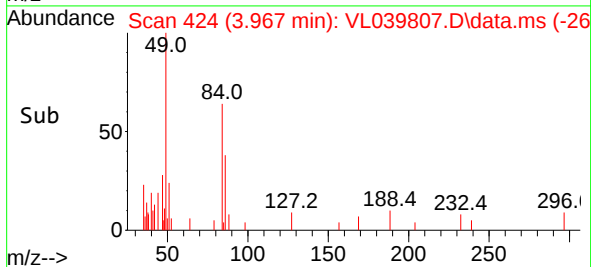
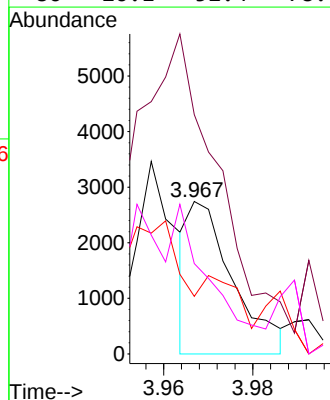
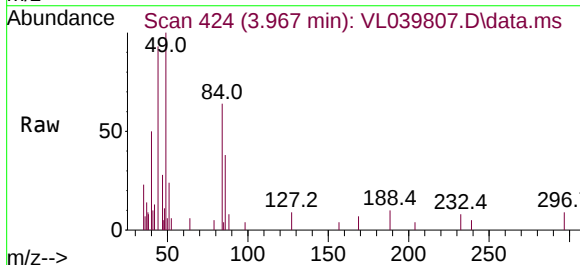
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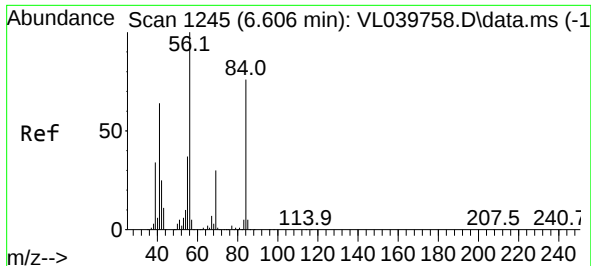
Tgt Ion: 45 Resp: 149
Ion Ratio Lower Upper
45 100
46 104.7 15.3 61.3#



#20
Methylene Chloride
Concen: 0.054 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.019 min
Lab File: VL039807.D
Acq: 26 Oct 2022 9:39

Tgt Ion: 84 Resp: 1909
Ion Ratio Lower Upper
84 100
49 147.4 126.0 189.0
51 0.0 40.9 61.3#
86 26.1 52.4 78.6#

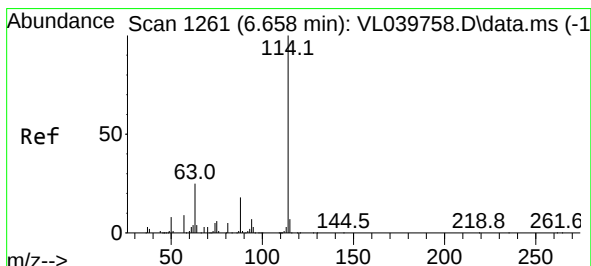
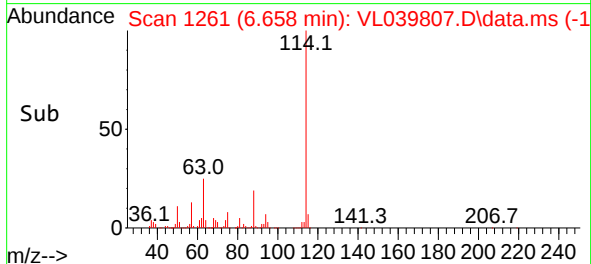
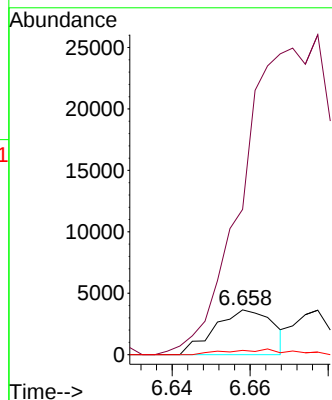
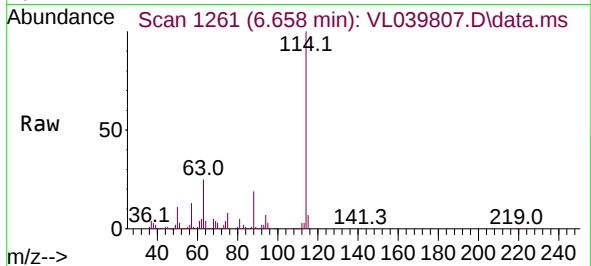




#30
Cyclohexane
Concen: 0.062 ppbv
RT: 6.658 min Scan# 11
Delta R.T. 0.052 min
Lab File: VL039807.D
Acq: 26 Oct 2022 9:39

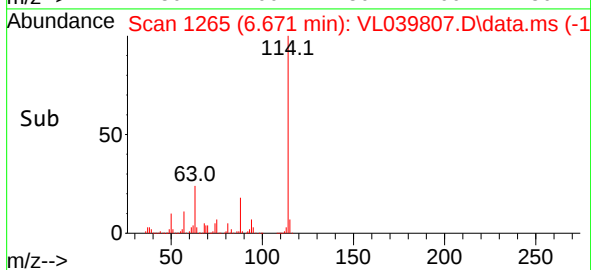
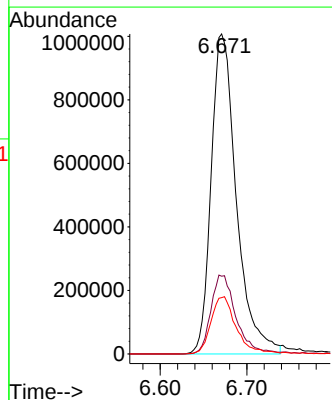
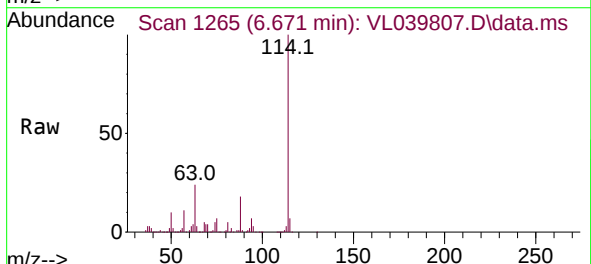
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QC102422 CAN 10279

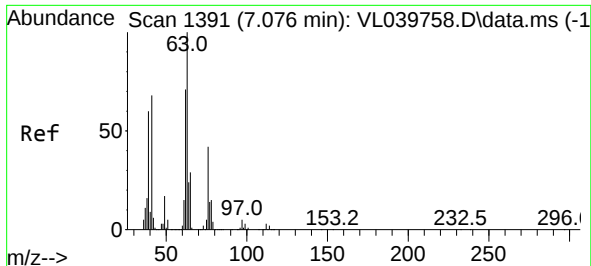
Tgt Ion: 84 Resp: 3830
Ion Ratio Lower Upper
84 100
56 0.0 111.8 167.6#
41 0.0 71.5 107.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VL039807.D
Acq: 26 Oct 2022 9:39

Tgt Ion: 114 Resp: 2039451
Ion Ratio Lower Upper
114 100
63 24.9 20.1 30.1
88 18.2 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.189 ppbv

RT: 6.668 min Scan# 11

Delta R.T. -0.408 min

Lab File: VL039807.D

Acq: 26 Oct 2022 9:39

Instrument :

MSVOA_1

ClientSampleId :

QC102422 CAN 10279

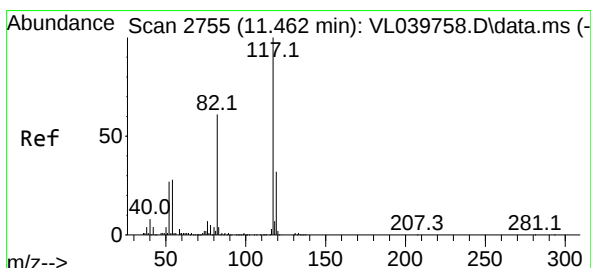
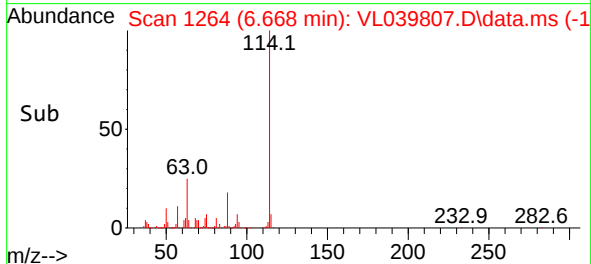
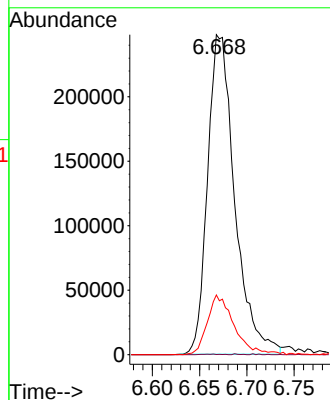
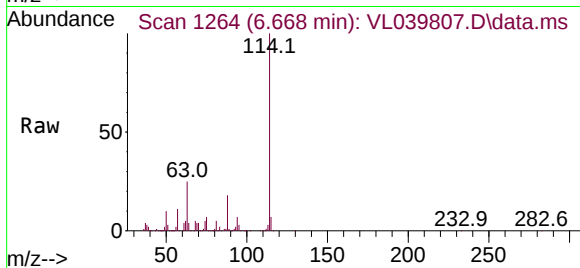
Tgt Ion: 63 Resp: 495490

Ion Ratio Lower Upper

63 100

41 0.1 54.5 81.7#

62 18.6 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2761

Delta R.T. 0.019 min

Lab File: VL039807.D

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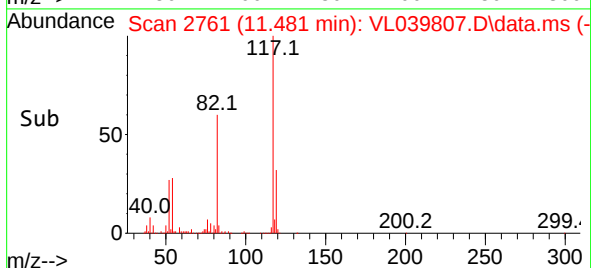
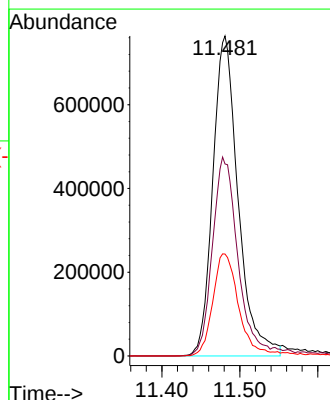
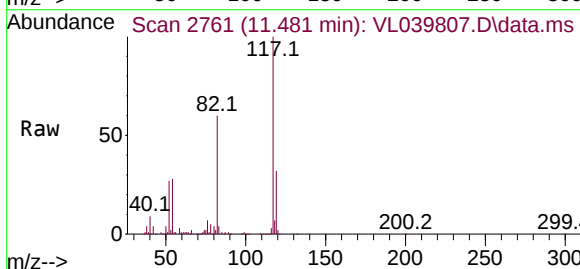
Tgt Ion: 117 Resp: 1725947

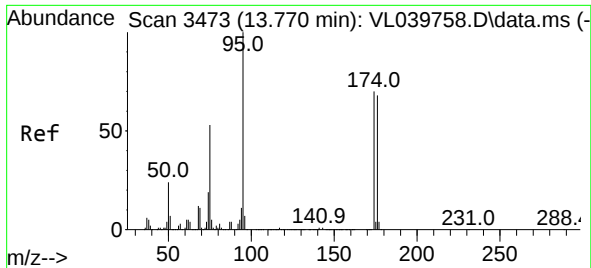
Ion Ratio Lower Upper

117 100

82 65.2 49.9 74.9

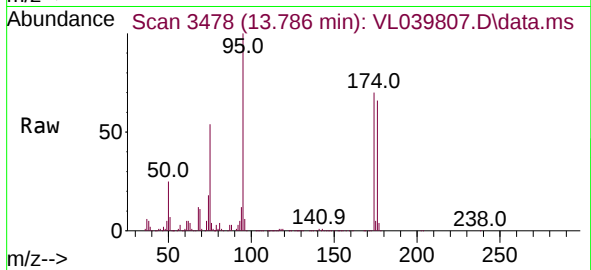
119 33.7 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.024 ppbv
 RT: 13.786 min Scan# 34
 Delta R.T. 0.016 min
 Lab File: VL039807.D
 Acq: 26 Oct 2022 9:39

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102422 CAN 10279



Tgt Ion: 95 Resp: 1230725

Ion	Ratio	Lower	Upper
95	100		
174	73.1	57.3	85.9
175	5.4	4.2	6.2

