

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039806.D
 Acq On : 26 Oct 2022 9:01
 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 08:41:17 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 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Bromochloromethane	5.211	49	821084	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.668	114	2152730	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	1817679	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1254438	9.701	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
					Qvalue	
15) Acetone	3.520	43	11939	0.122	ppbv #	78
20) Methylene Chloride	3.964	84	9238	0.248	ppbv #	85
32) 1,1,1-Trichloroethane	6.021	97	7831m	0.069	ppbv	
35) Carbon Tetrachloride	6.510	117	6833	0.056	ppbv	92
52) Tetrachloroethene	10.623	164	4430m	0.071	ppbv	

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

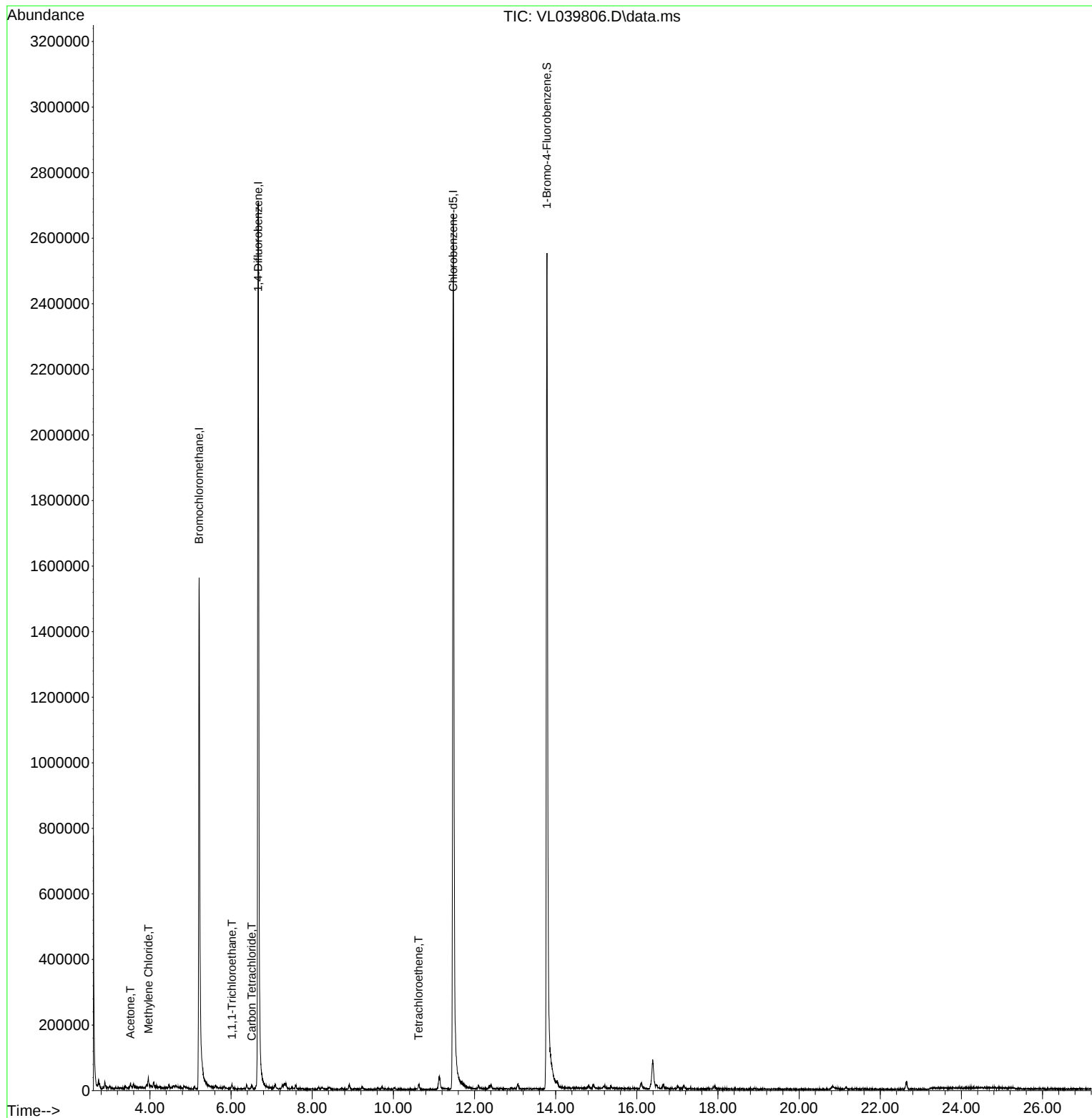
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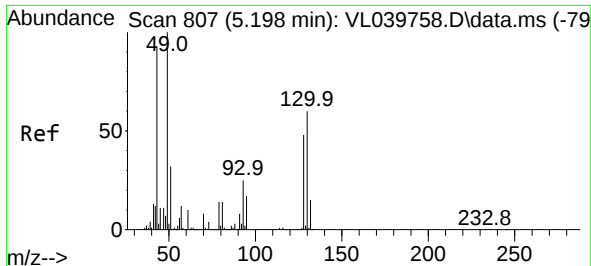
Instrument :
MSVOA_L
ClientSampleId :
QC102422 CAN 10279

Quant Time: Oct 28 08:41:17 2022
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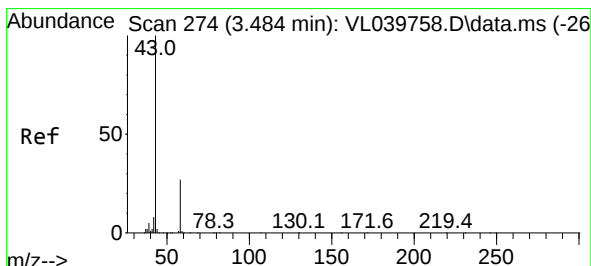
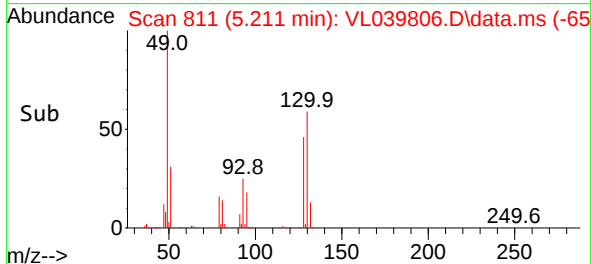
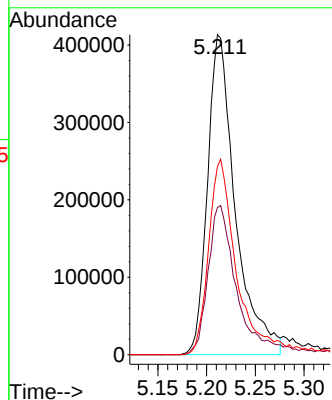
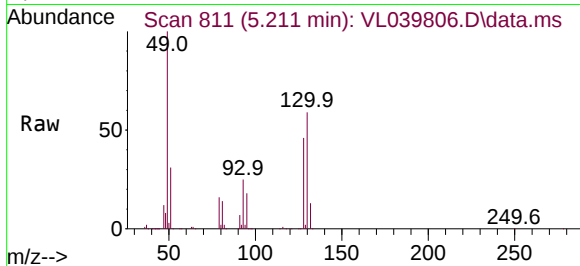
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL039806.D
Acq: 26 Oct 2022 9:01

Instrument :
MSVOA_L
ClientSampleId :
QC102422 CAN 10279

Tgt Ion: 49 Resp: 821084
Ion Ratio Lower Upper
49 100
128 48.8 24.6 74.0
130 64.9 31.8 95.3

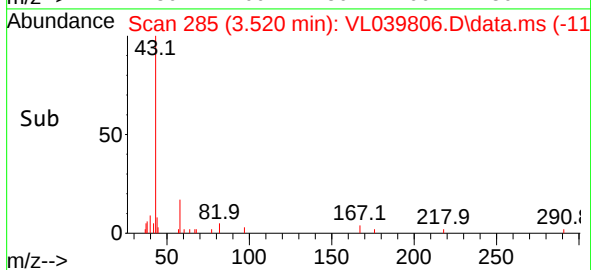
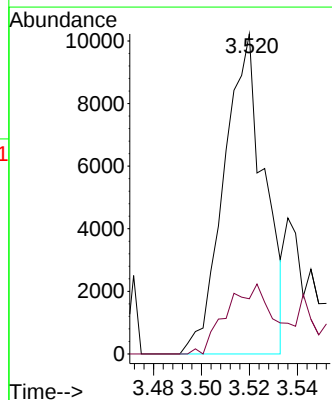
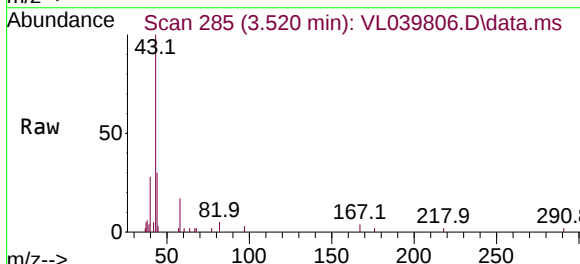
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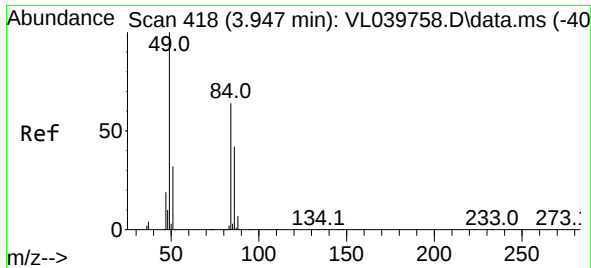
Reviewed By :Krupa Patel 10/31/2022
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#15
Acetone
Concen: 0.122 ppbv
RT: 3.520 min Scan# 285
Delta R.T. 0.035 min
Lab File: VL039806.D
Acq: 26 Oct 2022 9:01

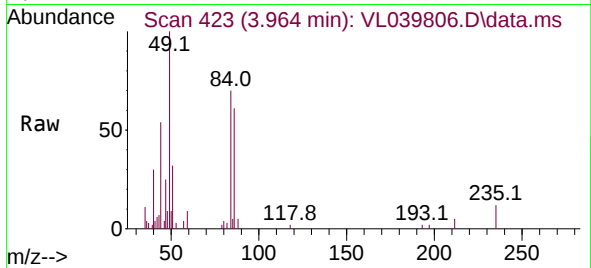
Tgt Ion: 43 Resp: 11939
Ion Ratio Lower Upper
43 100
58 37.3 20.7 31.1#





#20
Methylene Chloride
Concen: 0.248 ppbv
RT: 3.964 min Scan# 418
Delta R.T. 0.016 min
Lab File: VL039806.D
Acq: 26 Oct 2022 9:01

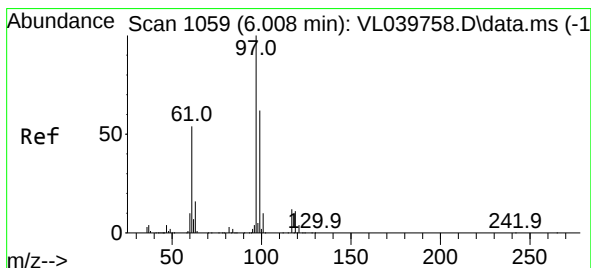
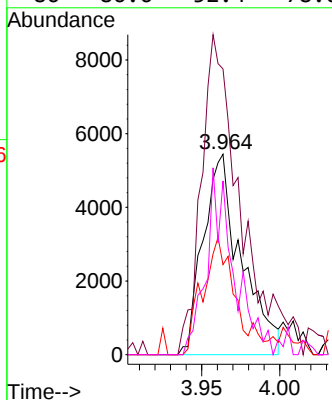
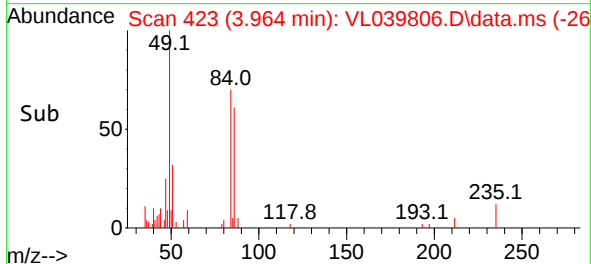
Instrument :
MSVOA_L
ClientSampleId :
QC102422 CAN 10279



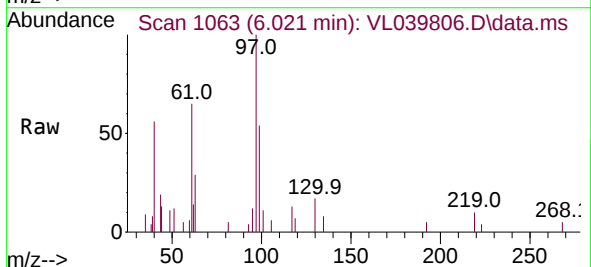
Tgt Ion: 84 Resp: 9238
Ion Ratio Lower Upper
84 100
49 142.5 126.0 189.0
51 44.9 40.9 61.3
86 86.6 52.4 78.6#

Manual Integrations
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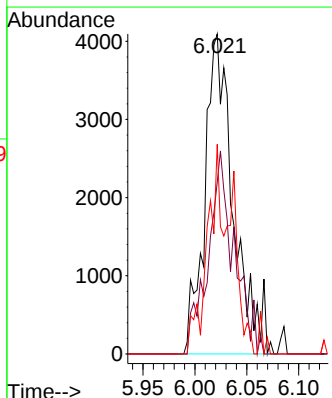
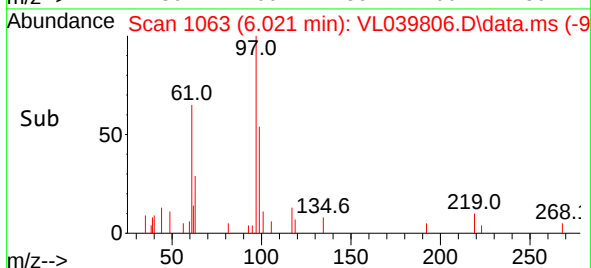
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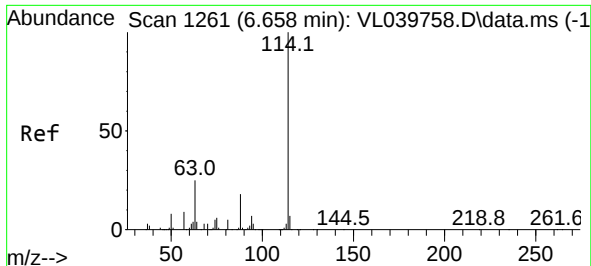


#32
1,1,1-Trichloroethane
Concen: 0.069 ppbv m
RT: 6.021 min Scan# 1063
Delta R.T. 0.013 min
Lab File: VL039806.D
Acq: 26 Oct 2022 9:01



Tgt Ion: 97 Resp: 7831
Ion Ratio Lower Upper
97 100
99 57.7 52.2 78.4
61 56.3 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039806.D

Acq: 26 Oct 2022 9:01

Instrument :

MSVOA_L

ClientSampleId :

QC102422 CAN 10279

Tgt Ion:114 Resp: 2152730

Ion Ratio Lower Upper

114 100

63 24.8 20.1 30.1

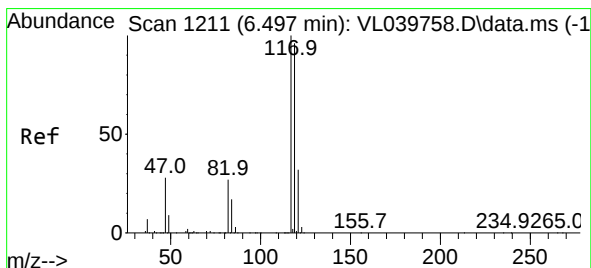
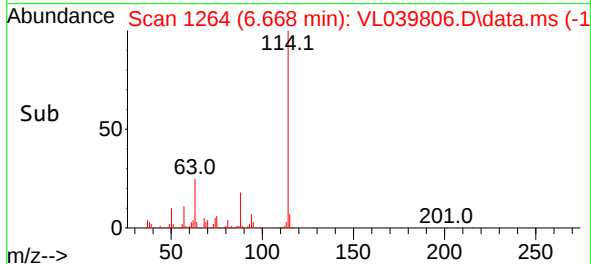
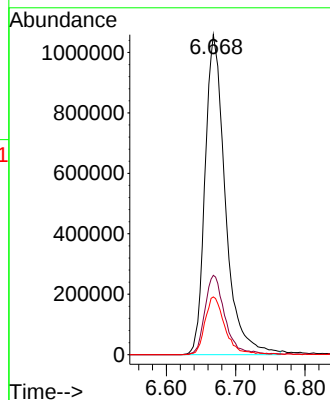
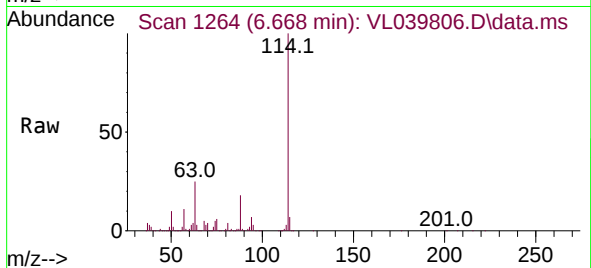
88 18.0 14.5 21.7

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#35

Carbon Tetrachloride

Concen: 0.056 ppbv

RT: 6.510 min Scan# 1215

Delta R.T. 0.013 min

Lab File: VL039806.D

Acq: 26 Oct 2022 9:01

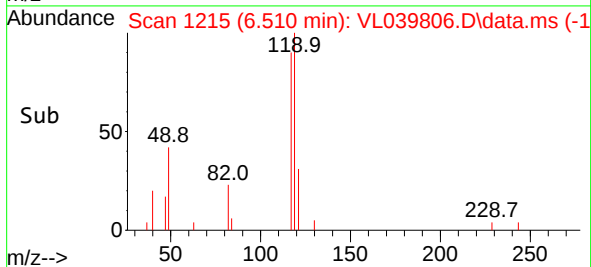
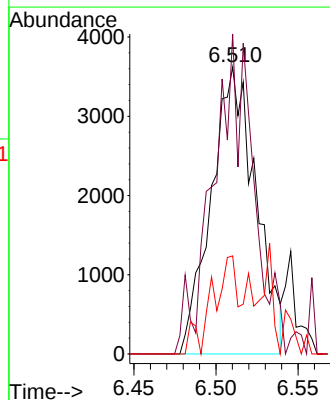
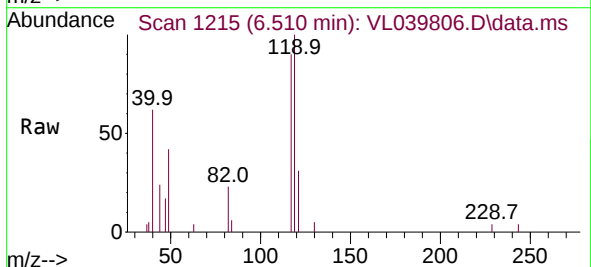
Tgt Ion:117 Resp: 6833

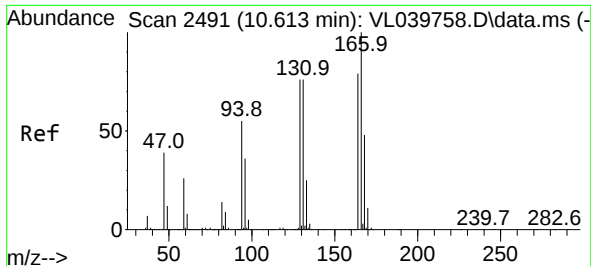
Ion Ratio Lower Upper

117 100

119 105.1 76.6 115.0

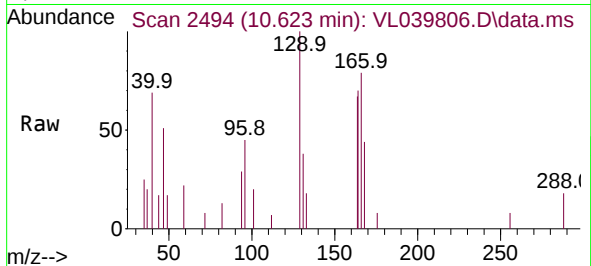
121 34.2 25.3 37.9





#52
Tetrachloroethene
Concen: 0.071 ppbv m
RT: 10.623 min Scan# 2491
Delta R.T. 0.010 min
Lab File: VL039806.D
Acq: 26 Oct 2022 9:01

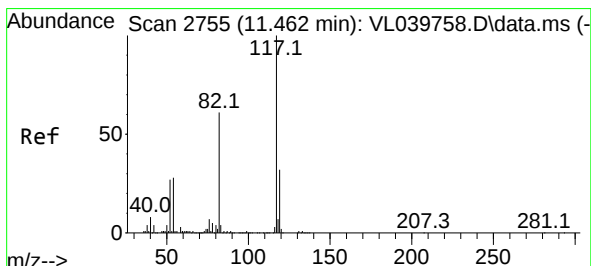
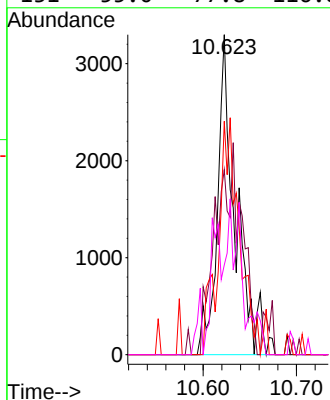
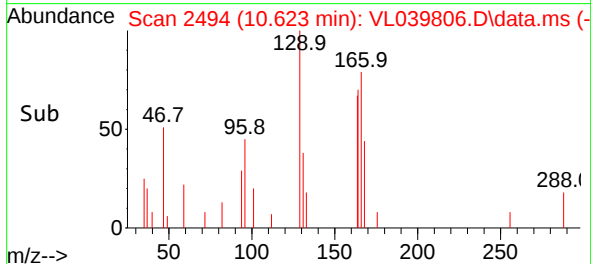
Instrument :
MSVOA_L
ClientSampleId :
QC102422 CAN 10279



Tgt Ion:164 Resp: 4430
Ion Ratio Lower Upper
164 100
166 113.2 101.8 152.6
129 142.8 77.5 116.3
131 55.0 77.8 116.8#

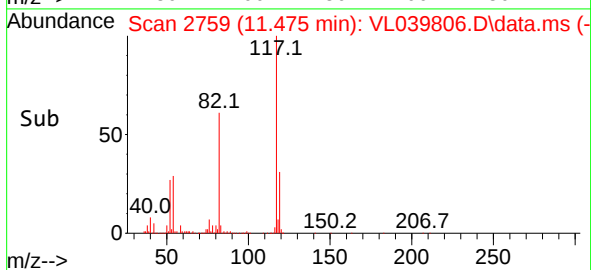
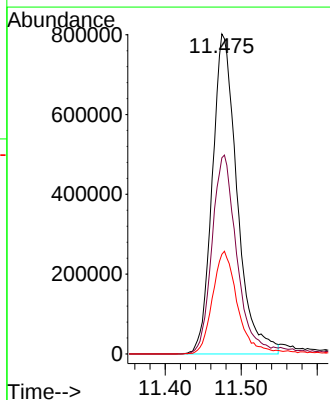
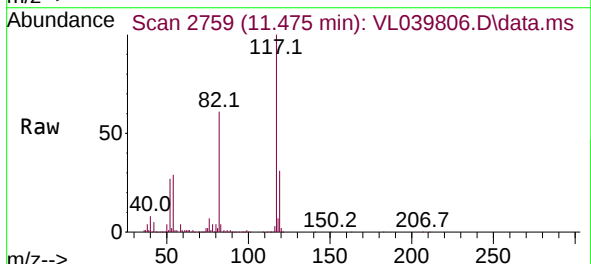
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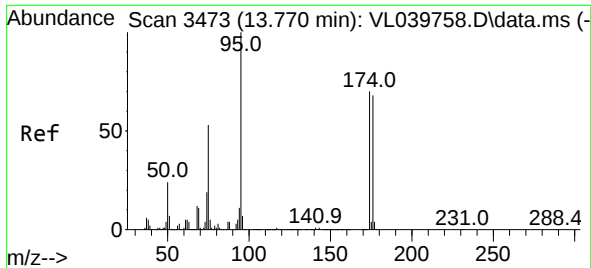
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.013 min
Lab File: VL039806.D
Acq: 26 Oct 2022 9:01

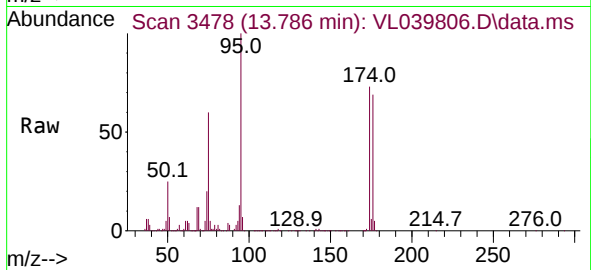
Tgt Ion:117 Resp: 1817679
Ion Ratio Lower Upper
117 100
82 65.0 49.9 74.9
119 33.6 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.701 ppbv
 RT: 13.786 min Scan# 34
 Delta R.T. 0.016 min
 Lab File: VL039806.D
 Acq: 26 Oct 2022 9:01

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102422 CAN 10279



Tgt Ion: 95 Resp: 1254438
 Ion Ratio Lower Upper
 95 100
 174 75.3 57.3 85.9
 175 5.0 4.2 6.2

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