

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039875.D
 Acq On : 10 Nov 2022 22:32
 Operator : SY/AP
 Sample : N5584-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 05:03:41 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	979849	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2084248	10.000	ppbv	# 0.00
55) Chlorobenzene-d5	11.455	117	1819433	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1530580	11.239	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.400%
Target Compounds						
11) Trichlorofluoromethane	3.575	101	252661	1.873	ppbv	Qvalue 94
13) Ethanol	3.272	45	25897m	6.020	ppbv	
15) Acetone	3.497	43	33977	0.285	ppbv	96
20) Methylene Chloride	3.948	84	31403	0.736	ppbv	# 80
26) Hexane	5.218	57	15668m	0.143	ppbv	

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

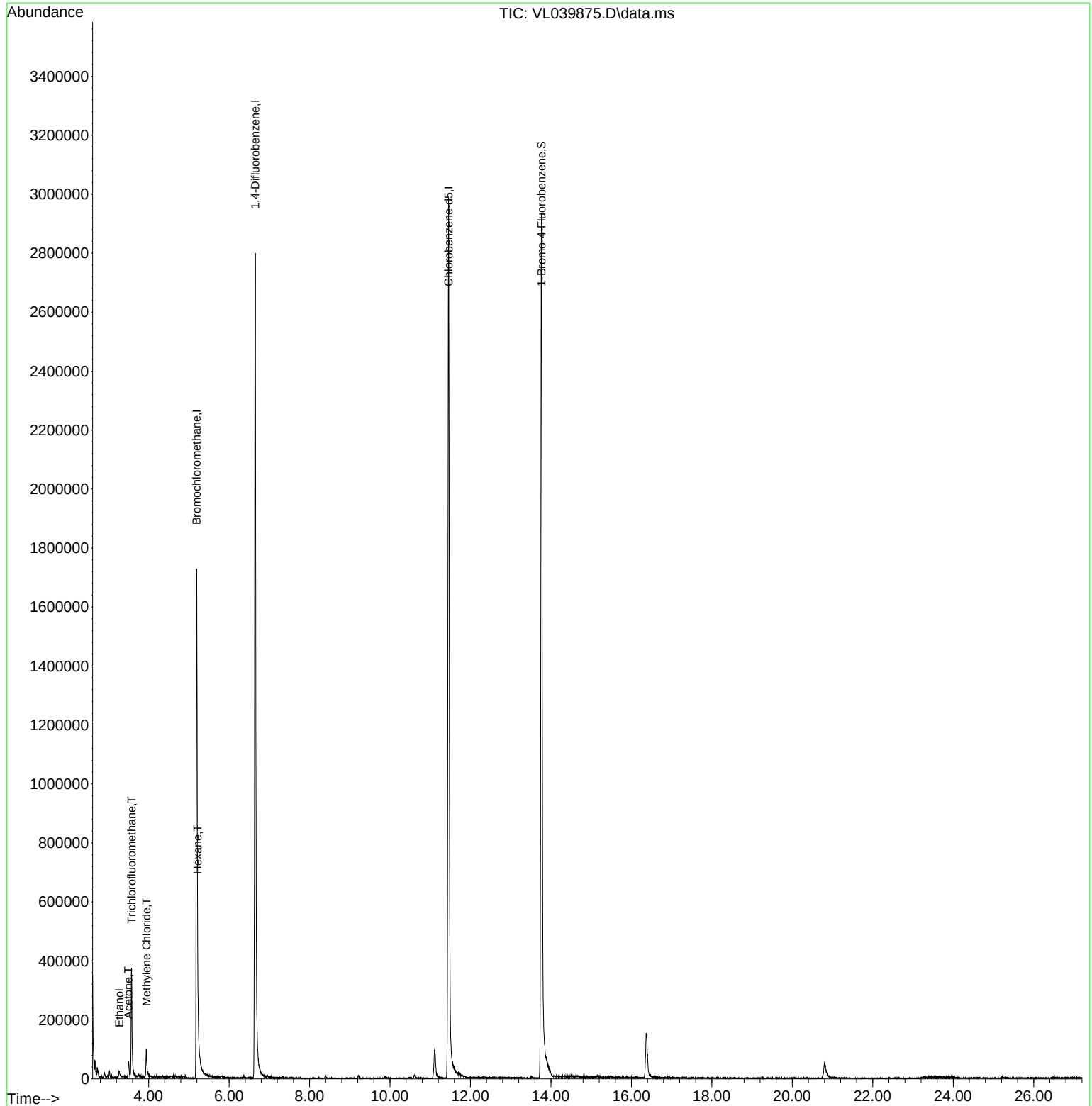
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
Data File : VL039875.D
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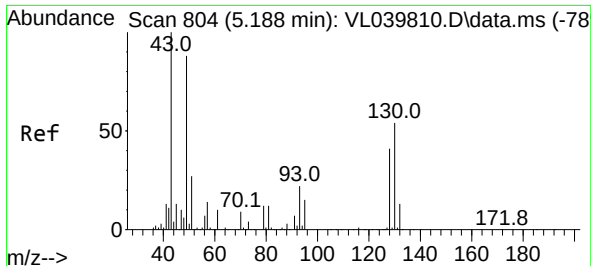
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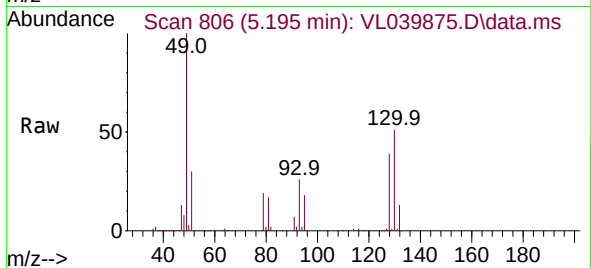
Quant Time: Nov 11 05:03:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.007 min
Lab File: VL039875.D
Acq: 10 Nov 2022 22:32

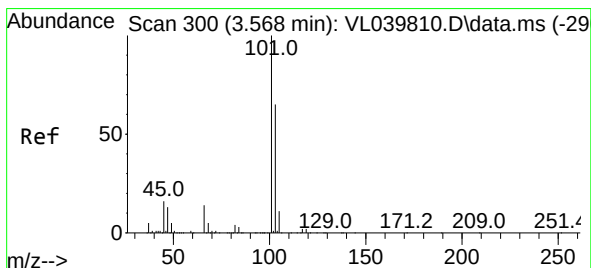
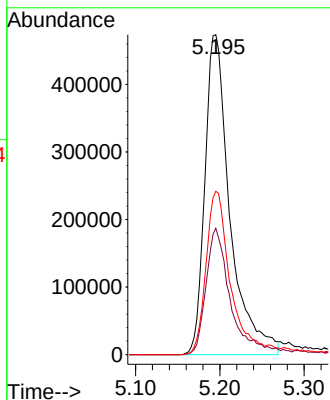
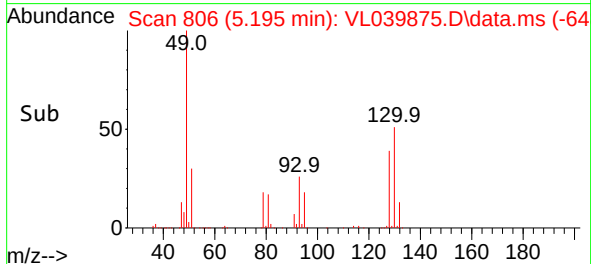
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



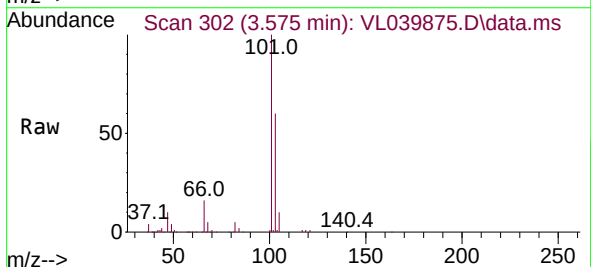
Tgt Ion: 49 Resp: 979849
Ion Ratio Lower Upper
49 100
128 40.3 24.6 73.6
130 52.5 31.1 93.2

Manual Integrations
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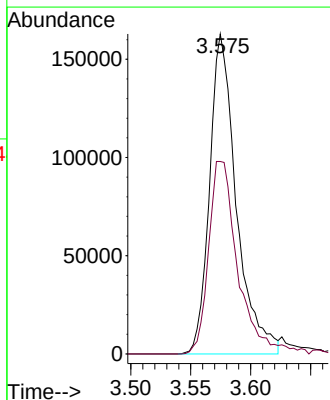
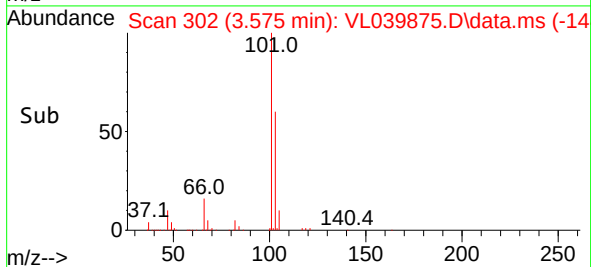
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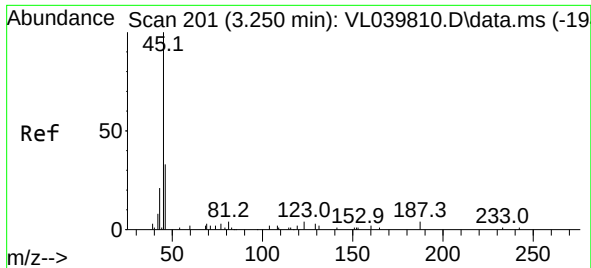


#11
Trichlorofluoromethane
Concen: 1.873 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.007 min
Lab File: VL039875.D
Acq: 10 Nov 2022 22:32



Tgt Ion:101 Resp: 252661
Ion Ratio Lower Upper
101 100
103 60.1 52.2 78.2





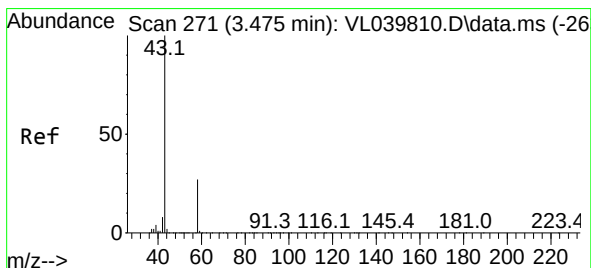
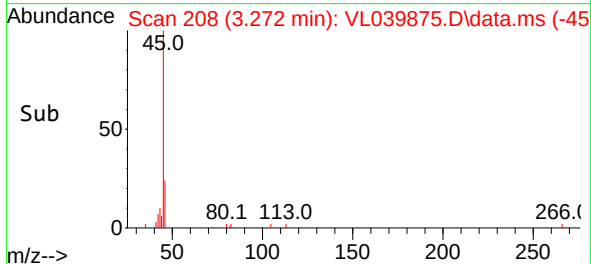
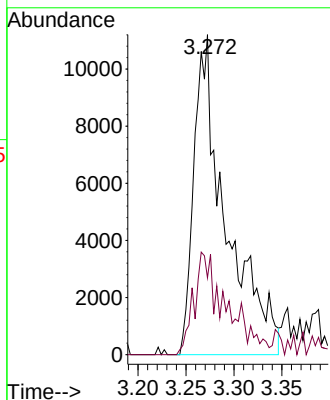
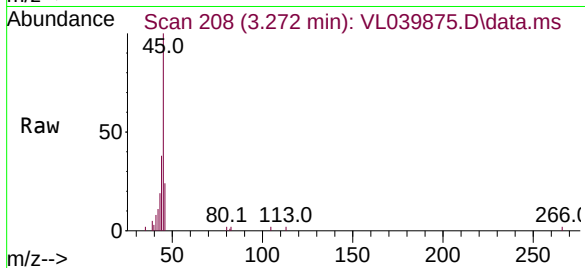
#13
Ethanol
Concen: 6.020 ppbv m
RT: 3.272 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL039875.D
Acq: 10 Nov 2022 22:32

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 45 Resp: 2589
Ion Ratio Lower Upper
45 100
46 34.1 16.5 65.9

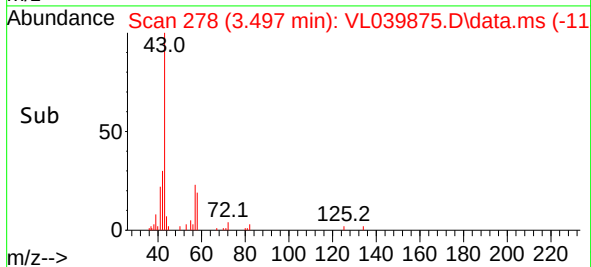
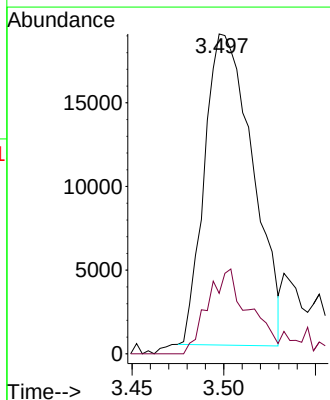
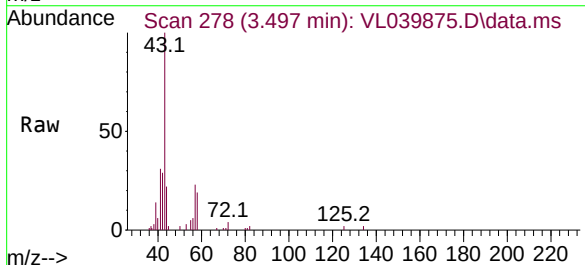
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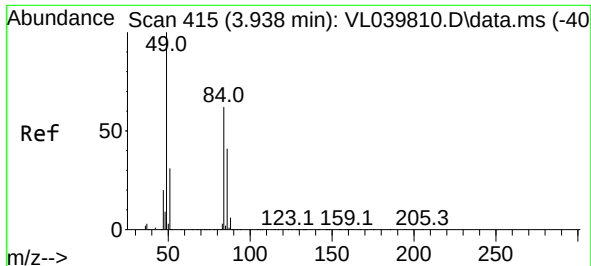
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#15
Acetone
Concen: 0.285 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.023 min
Lab File: VL039875.D
Acq: 10 Nov 2022 22:32

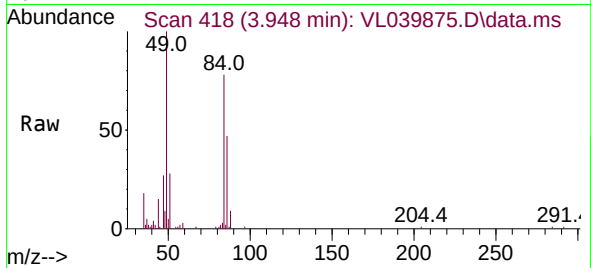
Tgt Ion: 43 Resp: 33977
Ion Ratio Lower Upper
43 100
58 26.6 23.2 34.8





#20
Methylene Chloride
Concen: 0.736 ppbv
RT: 3.948 min Scan# 415
Delta R.T. 0.010 min
Lab File: VL039875.D
Acq: 10 Nov 2022 22:32

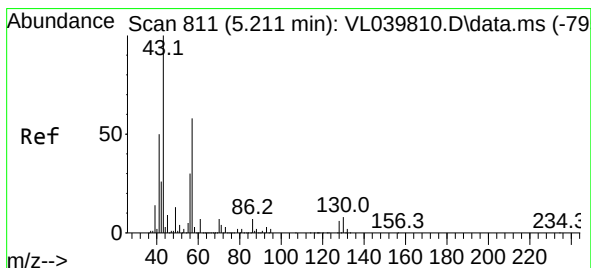
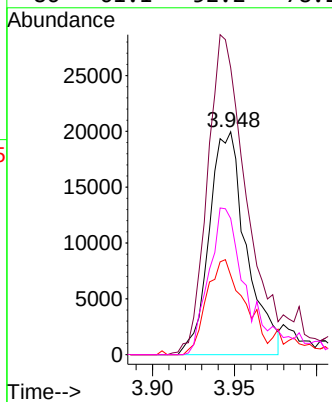
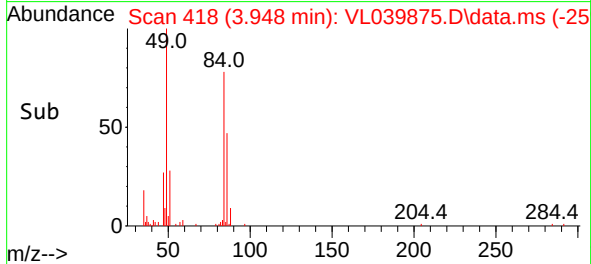
Instrument :
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ClientSampleId :
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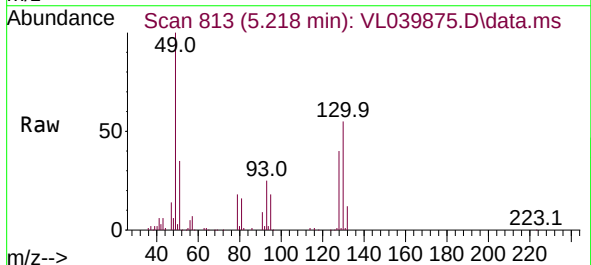
Tgt Ion: 84 Resp: 31403
Ion Ratio Lower Upper
84 100
49 127.7 128.6 192.8
51 35.6 40.2 60.4
86 61.1 52.2 78.2

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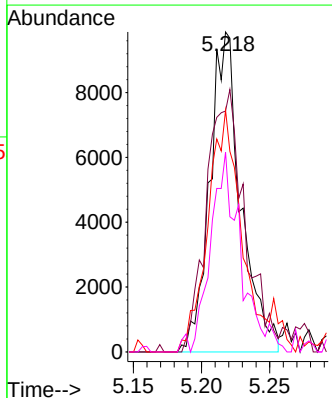
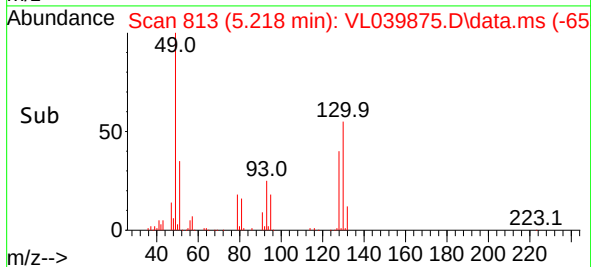
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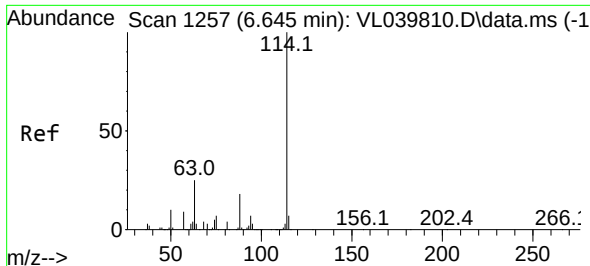


#26
Hexane
Concen: 0.143 ppbv m
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL039875.D
Acq: 10 Nov 2022 22:32



Tgt Ion: 57 Resp: 15668
Ion Ratio Lower Upper
57 100
41 105.6 73.7 110.5
43 86.9 189.8 284.8
56 63.4 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039875.D

Acq: 10 Nov 2022 22:32

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tgt Ion:114 Resp: 2084248

Ion Ratio Lower Upper

114 100

63 30.3 19.8 29.6

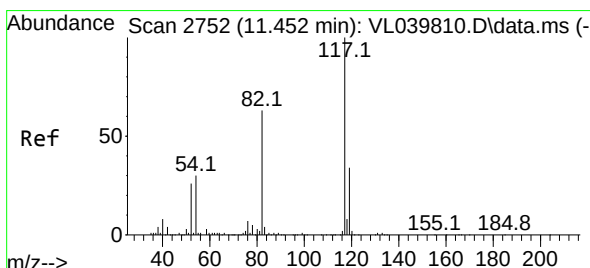
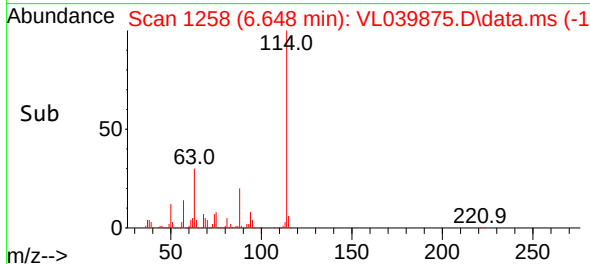
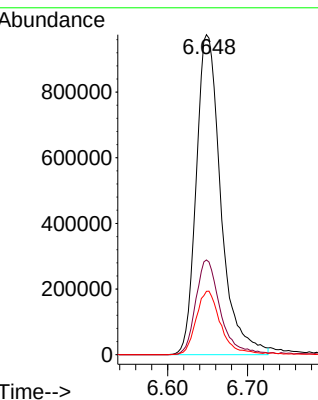
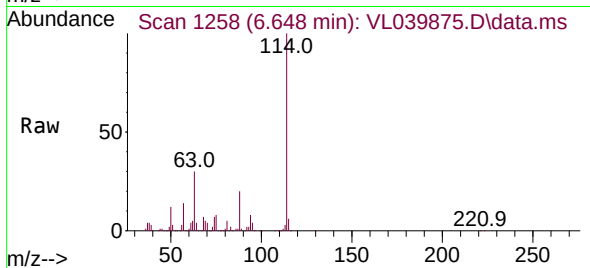
88 20.2 14.4 21.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. 0.003 min

Lab File: VL039875.D

Acq: 10 Nov 2022 22:32

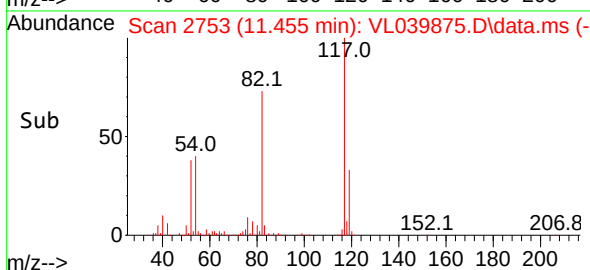
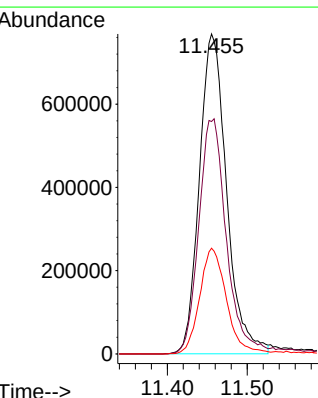
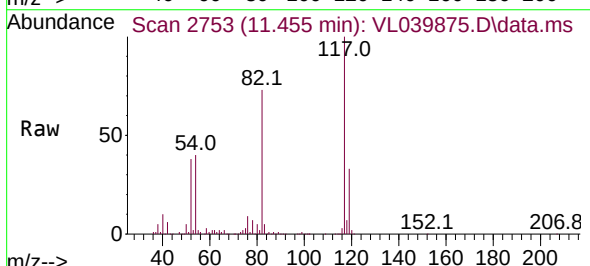
Tgt Ion:117 Resp: 1819433

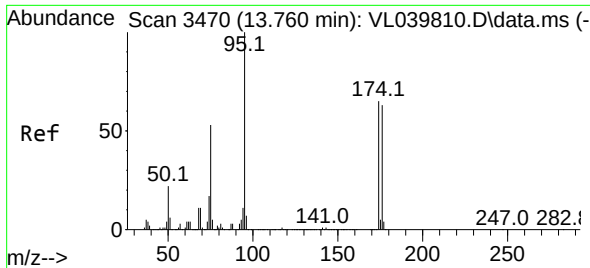
Ion Ratio Lower Upper

117 100

82 77.4 51.0 76.6

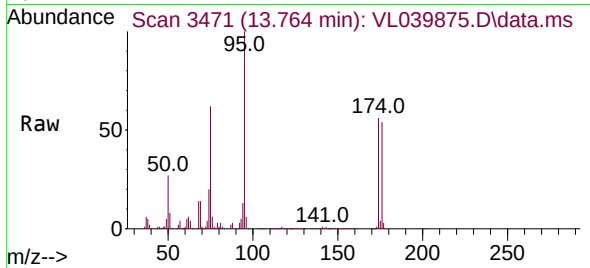
119 32.9 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.239 ppbv
 RT: 13.764 min Scan# 3470
 Delta R.T. 0.003 min
 Lab File: VL039875.D
 Acq: 10 Nov 2022 22:32

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL



Tgt Ion: 95 Resp: 1530586
 Ion Ratio Lower Upper
 95 100
 174 58.2 53.4 80.0
 175 4.3 4.1 6.1

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