

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041279.D
 Acq On : 22 May 2024 7:45
 Operator : SY/MD
 Sample : P2534-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 08:18:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1003917	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2596334	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2460771	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1868637	10.059	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
						Qvalue
12) 1,1,2-Trichlorotrifluo...	4.079	101	22542m	0.221	ppbv	
15) Acetone	3.501	43	65164	0.550	ppbv	91
20) Methylene Chloride	3.947	84	30496	0.740	ppbv	97
26) Hexane	5.227	57	15496m	0.147	ppbv	
32) 1,1,1-Trichloroethane	6.012	97	5526m	0.038	ppbv	
38) Trichloroethene	7.295	130	6948m	0.086	ppbv	
52) Tetrachloroethene	10.613	164	280632	3.665	ppbv	95

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

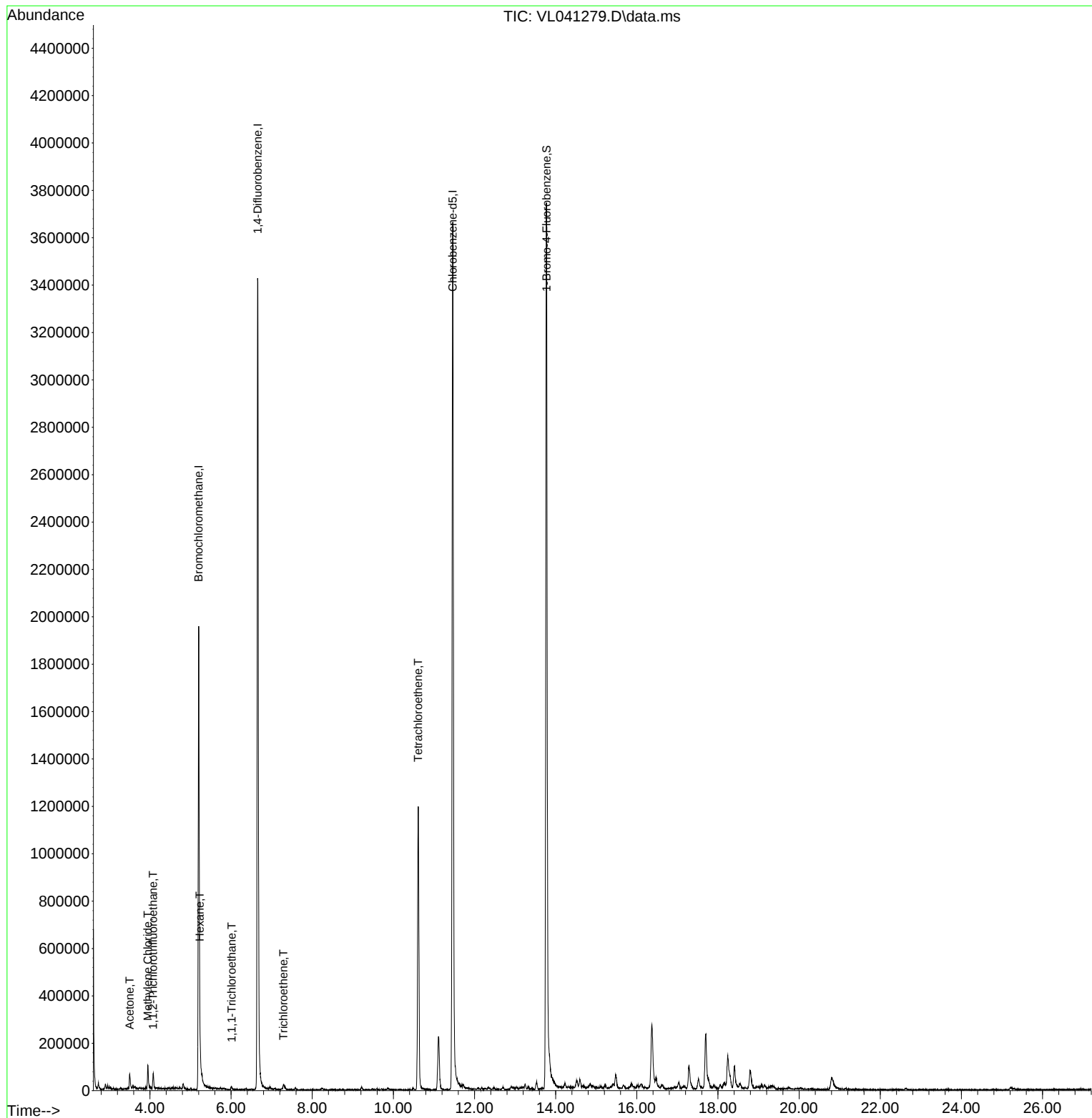
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
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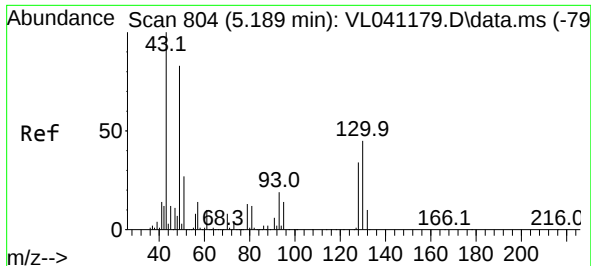
Instrument :
MSVOA_L
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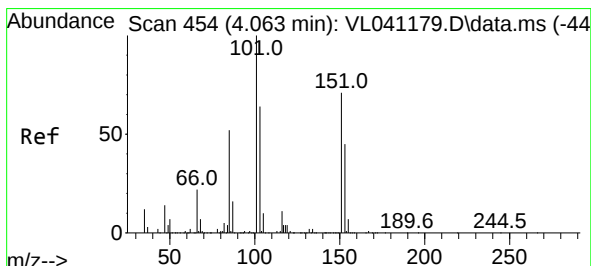
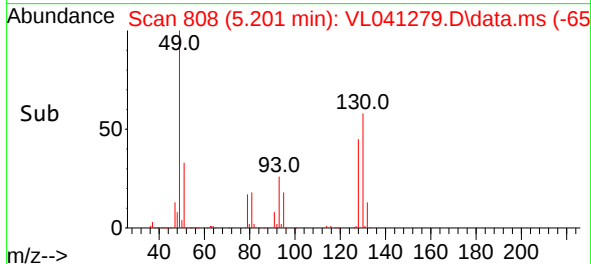
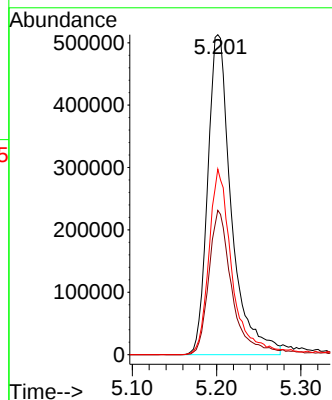
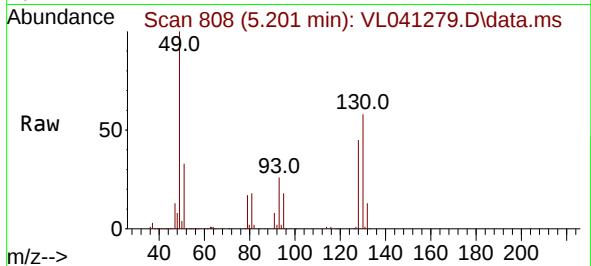
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 49 Resp: 100391
Ion Ratio Lower Upper
49 100
128 45.3 21.5 64.5
130 57.5 27.2 81.6

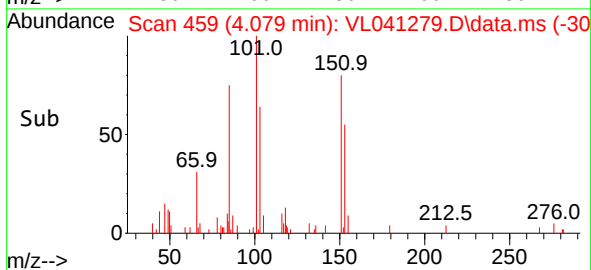
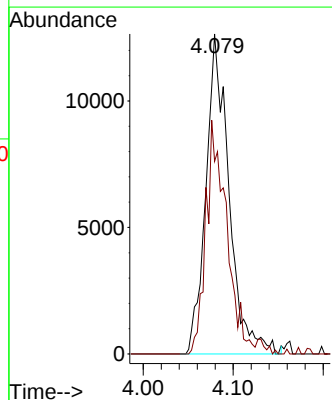
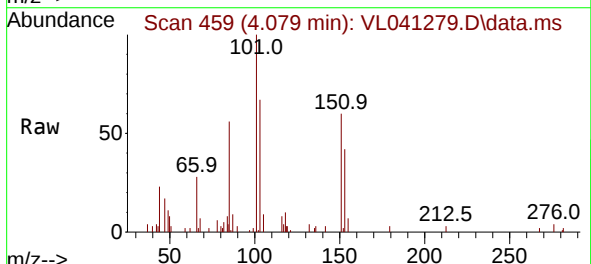
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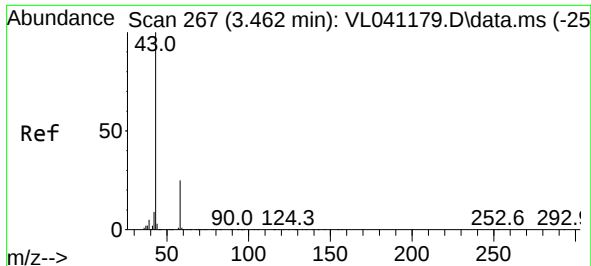
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.221 ppbv m
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

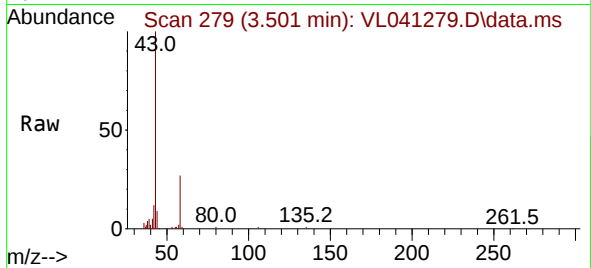
Tgt Ion:101 Resp: 22542
Ion Ratio Lower Upper
101 100
151 67.3 56.8 85.2





#15
Acetone
Concen: 0.550 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

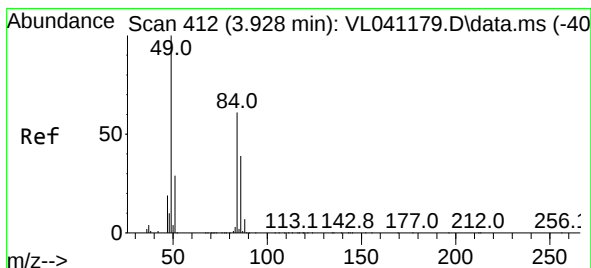
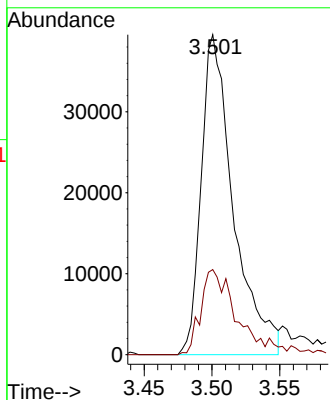
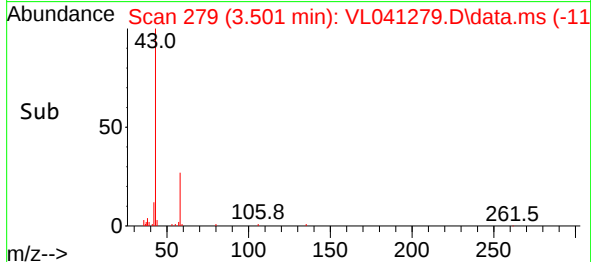
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



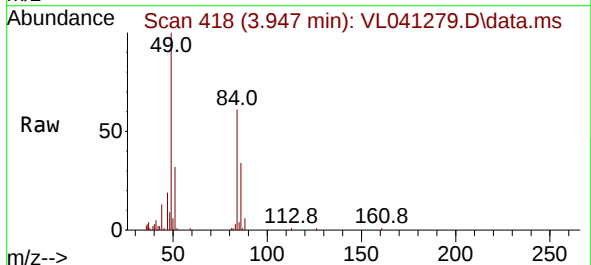
Tgt Ion: 43 Resp: 65164
Ion Ratio Lower Upper
43 100
58 31.2 21.4 32.0

Manual Integrations
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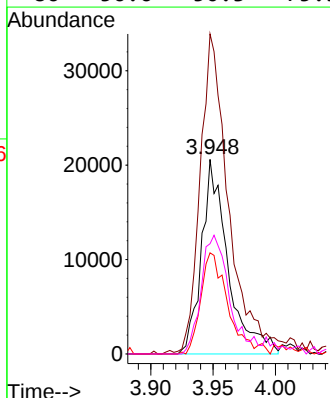
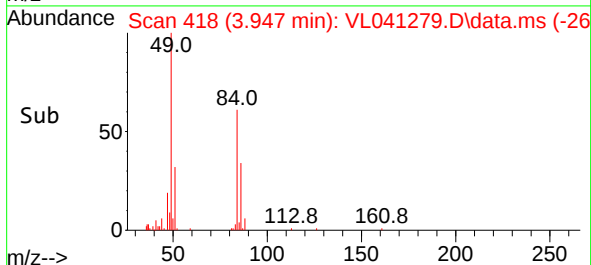
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

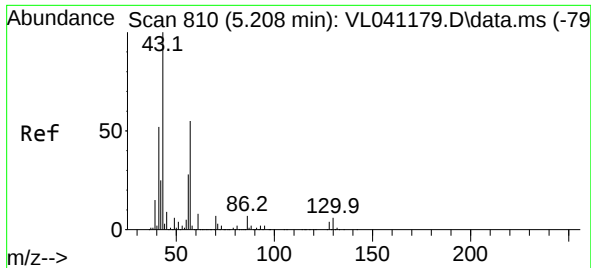


#20
Methylene Chloride
Concen: 0.740 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45



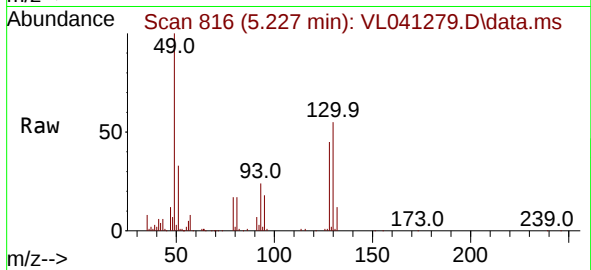
Tgt Ion: 84 Resp: 30496
Ion Ratio Lower Upper
84 100
49 163.0 130.4 195.6
51 51.9 38.0 57.0
86 56.6 50.3 75.5





#26
Hexane
Concen: 0.147 ppbv m
RT: 5.227 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

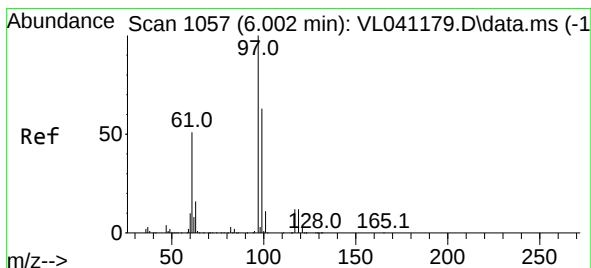
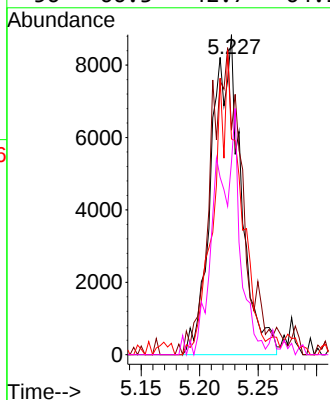
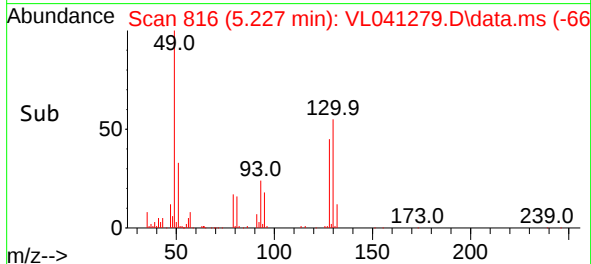
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 57 Resp: 15490
Ion Ratio Lower Upper
57 100
41 109.0 75.8 113.8
43 89.9 187.0 280.4
56 66.3 42.7 64.1#

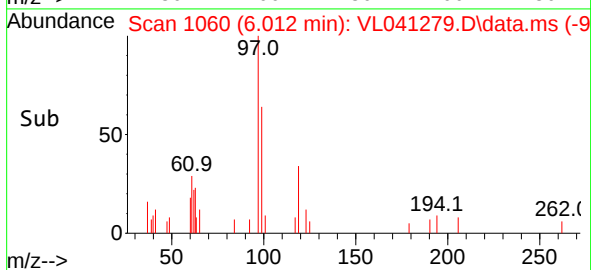
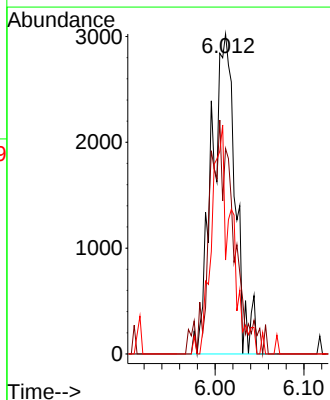
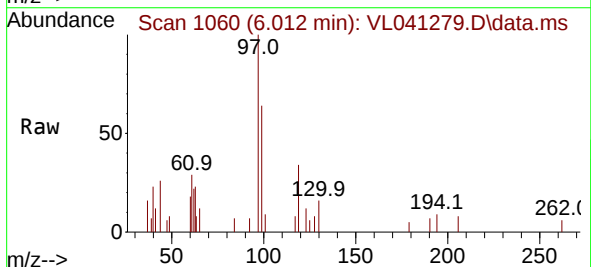
Manual Integrations
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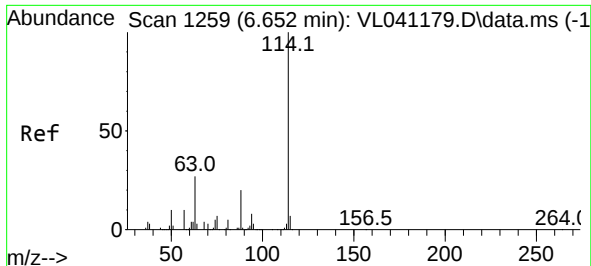
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#32
1,1,1-Trichloroethane
Concen: 0.038 ppbv m
RT: 6.012 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

Tgt Ion: 97 Resp: 5526
Ion Ratio Lower Upper
97 100
99 77.3 51.7 77.5
61 62.1 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041279.D

Acq: 22 May 2024 7:45

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:114 Resp: 2596334

Ion Ratio Lower Upper

114 100

63 25.5 21.8 32.6

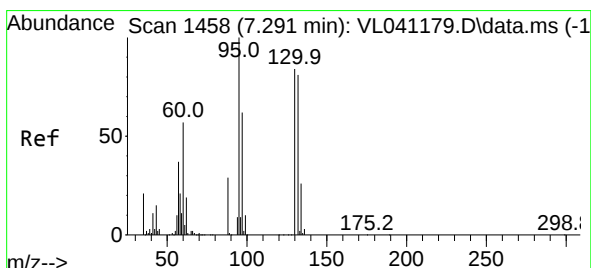
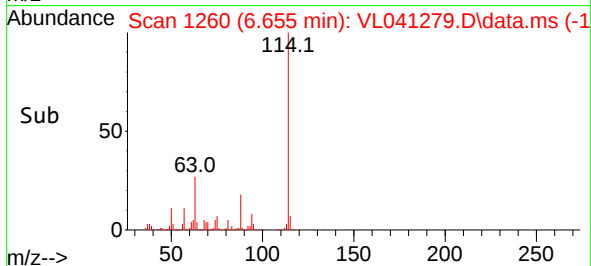
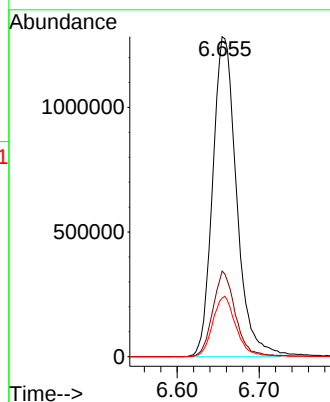
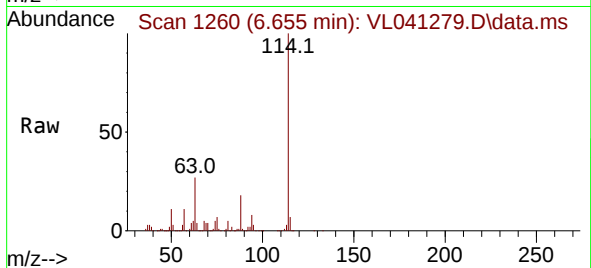
88 18.6 15.2 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#38

Trichloroethene

Concen: 0.086 ppbv m

RT: 7.295 min Scan# 1459

Delta R.T. -0.013 min

Lab File: VL041279.D

Acq: 22 May 2024 7:45

Tgt Ion:130 Resp: 6948

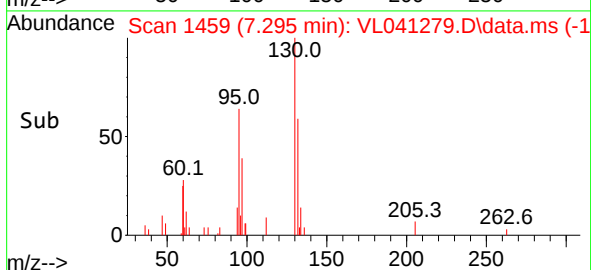
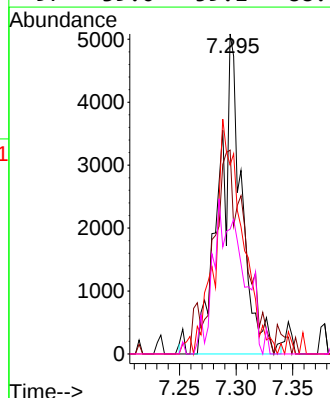
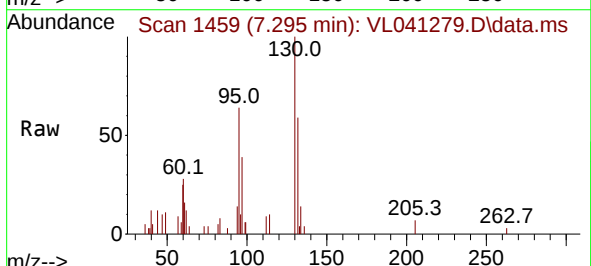
Ion Ratio Lower Upper

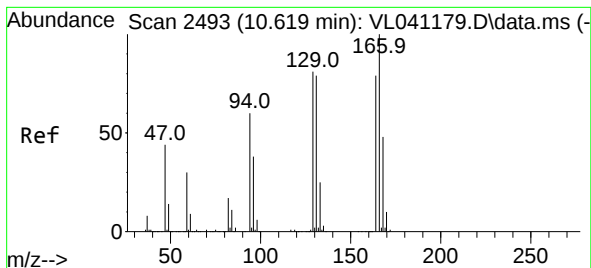
130 100

95 63.7 95.0 142.6#

132 59.1 77.0 115.4#

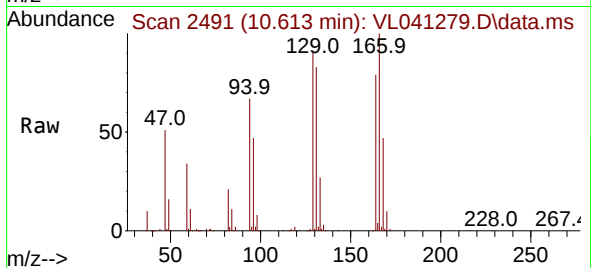
97 39.0 59.1 88.7#





#52
Tetrachloroethene
Concen: 3.665 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.016 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

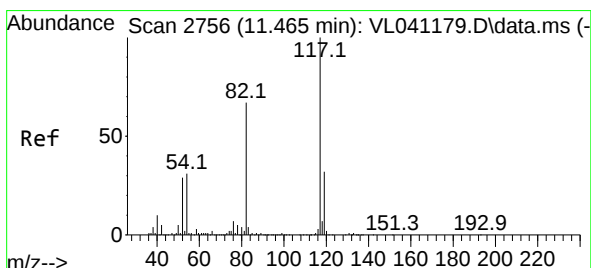
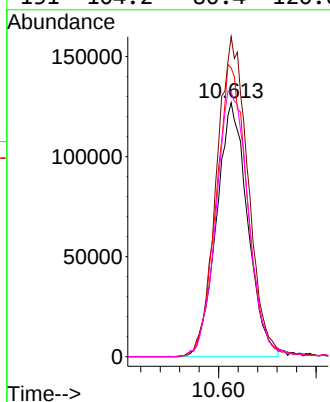
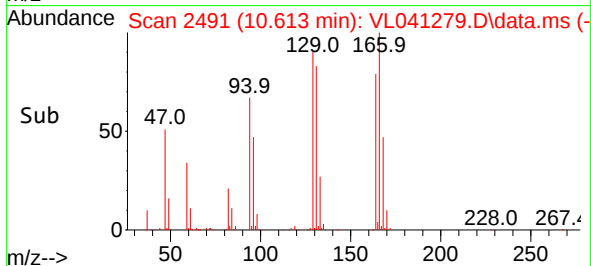
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion:164 Resp: 280632
Ion Ratio Lower Upper
164 100
166 126.0 101.1 151.7
129 113.4 81.7 122.5
131 104.2 80.4 120.6

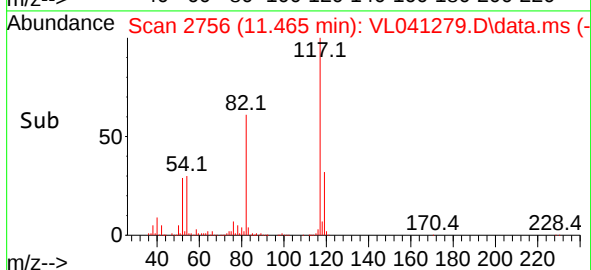
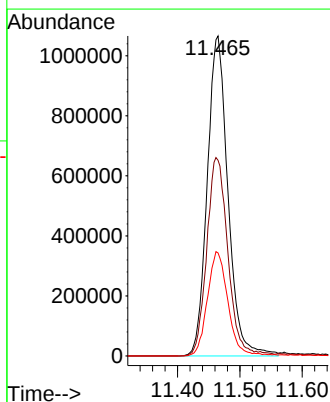
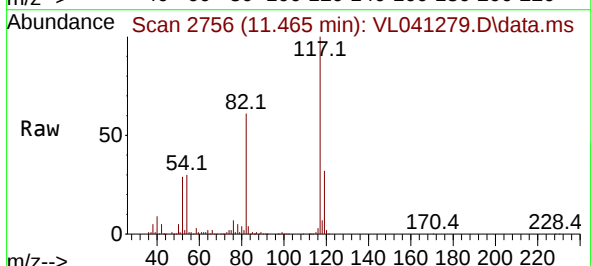
Manual Integrations
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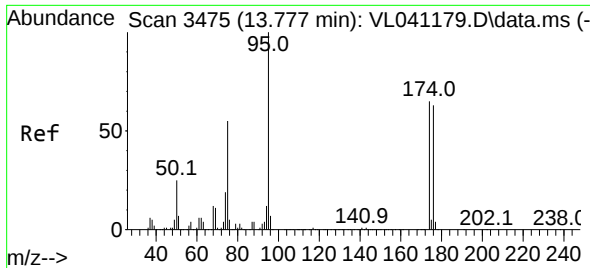
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.016 min
Lab File: VL041279.D
Acq: 22 May 2024 7:45

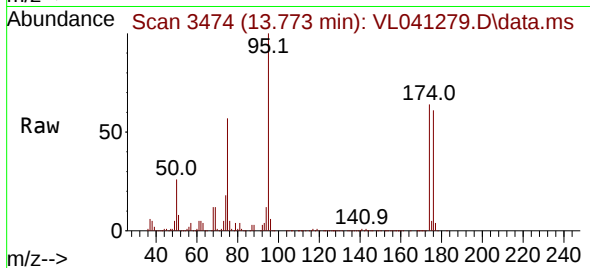
Tgt Ion:117 Resp: 2460771
Ion Ratio Lower Upper
117 100
82 64.4 53.6 80.4
119 32.5 27.2 40.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 13.773 min Scan# 3475
 Delta R.T. -0.013 min
 Lab File: VL041279.D
 Acq: 22 May 2024 7:45

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2



Tgt Ion: 95 Resp: 186863

Ion	Ratio	Lower	Upper
95	100		
174	67.0	53.6	80.4
175	4.7	4.2	6.4

Manual Integrations
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