

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041231.D
 Acq On : 7 May 2024 8:07
 Operator : SY/MD
 Sample : P2334-10DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-03-IA02-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/09/2024
 Supervised By :Semsettin Yesilyurt 05/09/2024

Quant Time: May 07 17:02:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	876012	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.661	114	2303120	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2096177	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1591123	10.054	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
13) Ethanol	3.259	45	40714	3.488	ppbv	93
15) Acetone	3.488	43	211244	2.043	ppbv	99
20) Methylene Chloride	3.947	84	252188	7.015	ppbv	94
26) Hexane	5.224	57	278777	3.027	ppbv #	41
35) Carbon Tetrachloride	6.491	117	8361m	0.065	ppbv	
38) Trichloroethene	7.301	130	186375m	2.588	ppbv	
52) Tetrachloroethene	10.622	164	13605m	0.200	ppbv	
53) Toluene	9.230	91	21139m	0.094	ppbv	

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

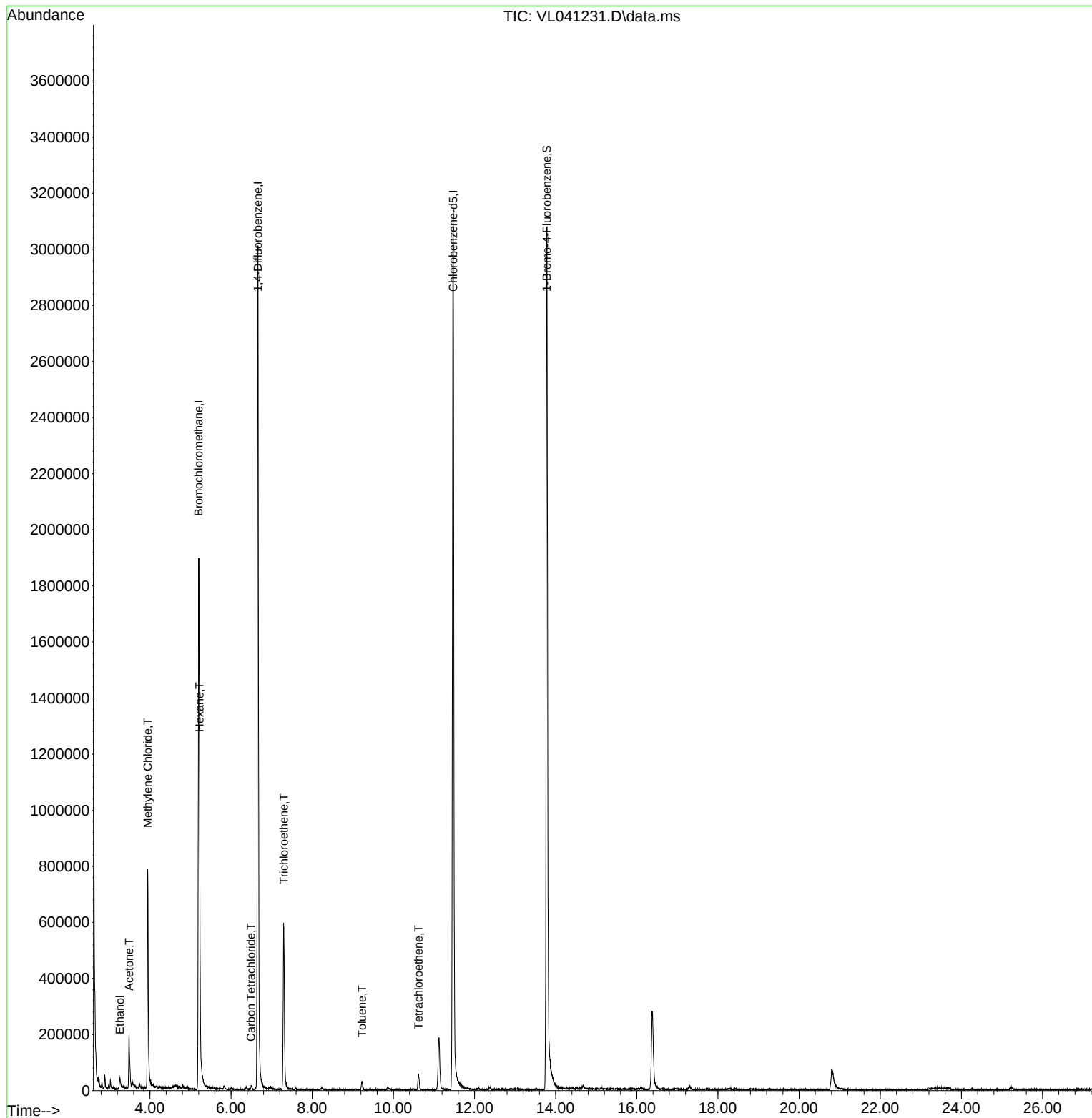
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041231.D
Acq On : 7 May 2024 8:07
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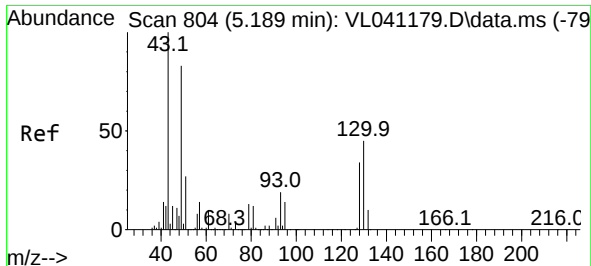
Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA02-20240425DL

Quant Time: May 07 17:02:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue May 07 05:19:44 2024
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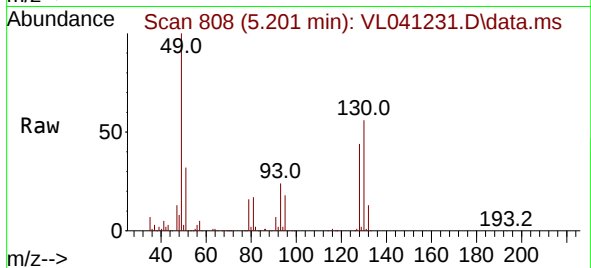
Reviewed By : Mahesh Dadoda 05/09/2024
Supervised By : Semsettin Yesilyurt 05/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

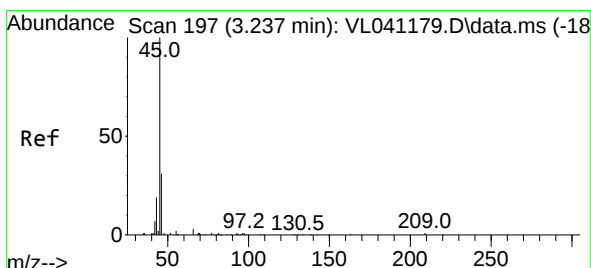
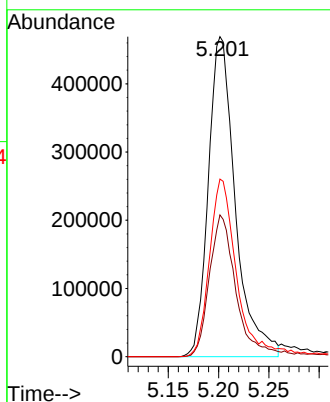
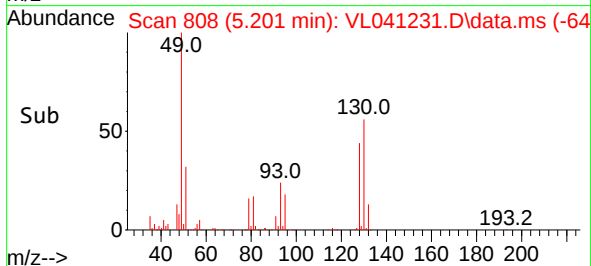
Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA02-20240425DL



Tgt Ion: 49 Resp: 876012
Ion Ratio Lower Upper
49 100
128 45.4 21.5 64.5
130 58.1 27.2 81.6

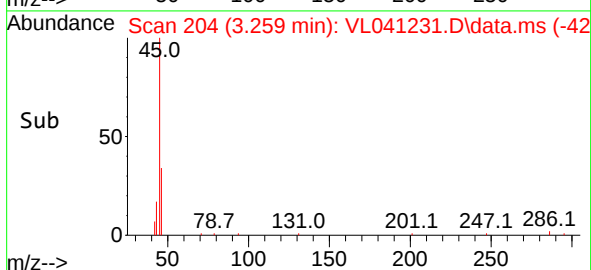
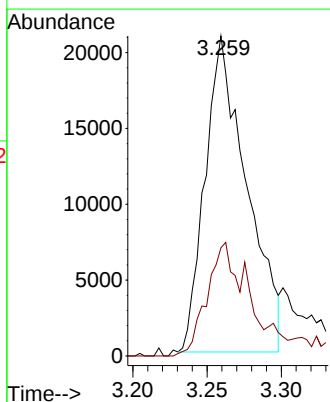
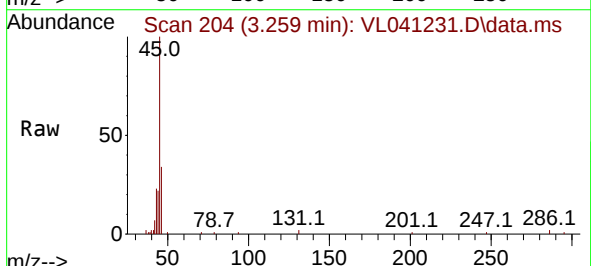
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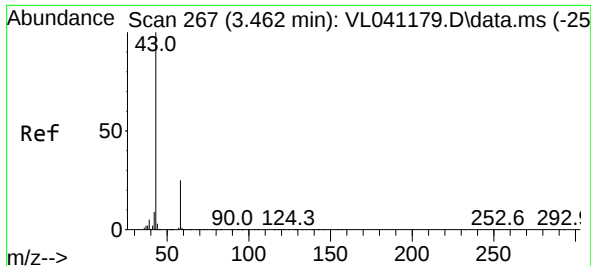
Reviewed By :Mahesh Dadoda 05/09/2024
Supervised By :Semsettin Yesilyurt 05/09/2024



#13
Ethanol
Concen: 3.488 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.022 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

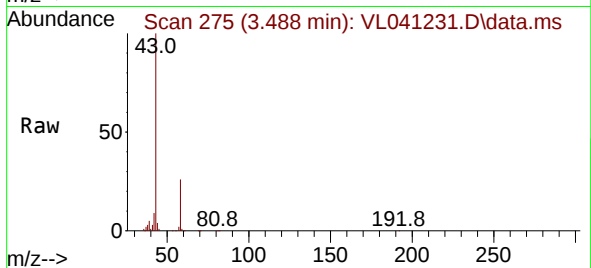
Tgt Ion: 45 Resp: 40714
Ion Ratio Lower Upper
45 100
46 41.1 14.8 59.0





#15
Acetone
Concen: 2.043 ppbv
RT: 3.488 min Scan# 211244
Delta R.T. 0.026 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

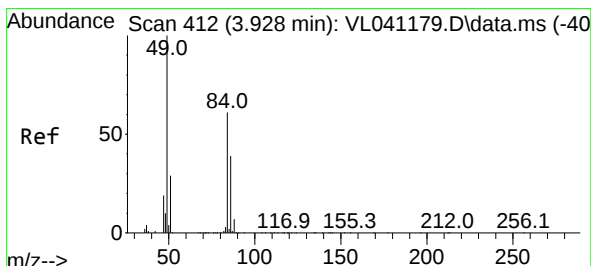
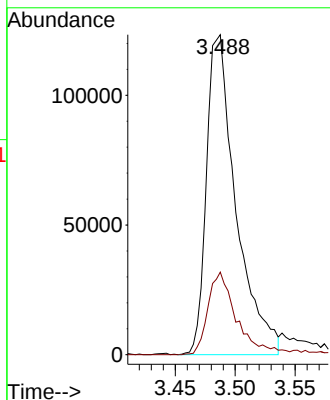
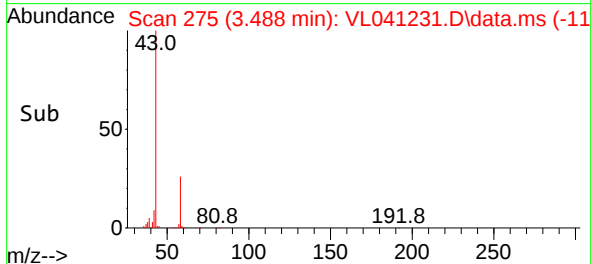
Instrument : MSVOA_L
ClientSampleId : BA-03-IA02-20240425DL



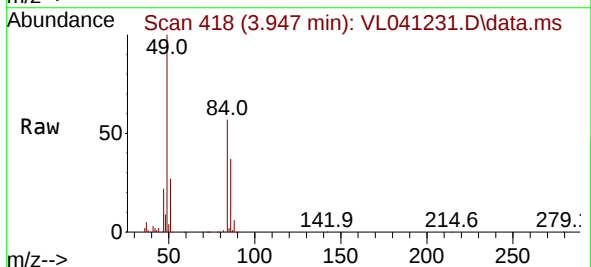
Tgt Ion: 43 Resp: 211244
Ion Ratio Lower Upper
43 100
58 26.3 21.4 32.0

Manual Integrations
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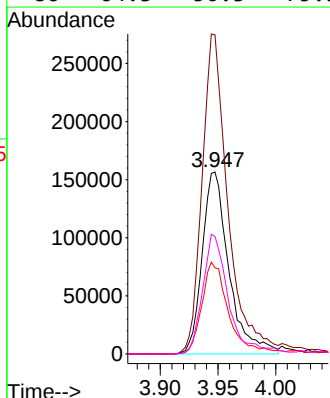
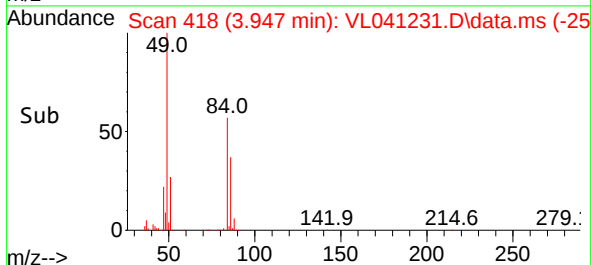
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Supervised By :Semsettin Yesilyurt 05/09/2024

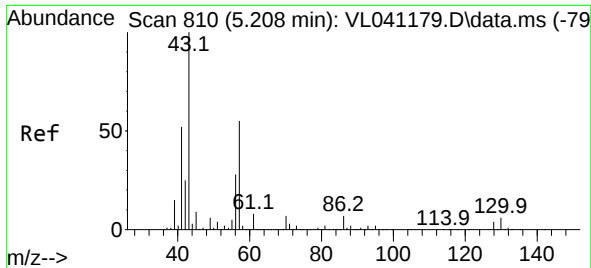


#20
Methylene Chloride
Concen: 7.015 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.019 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07



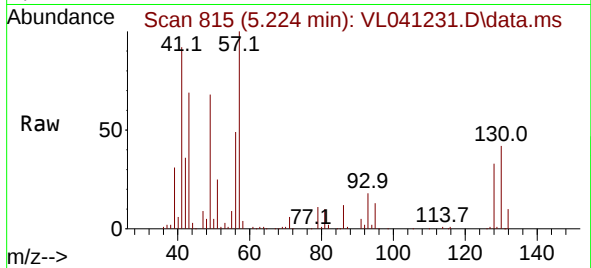
Tgt Ion: 84 Resp: 252188
Ion Ratio Lower Upper
84 100
49 175.1 130.4 195.6
51 47.0 38.0 57.0
86 64.3 50.3 75.5





#26
Hexane
Concen: 3.027 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

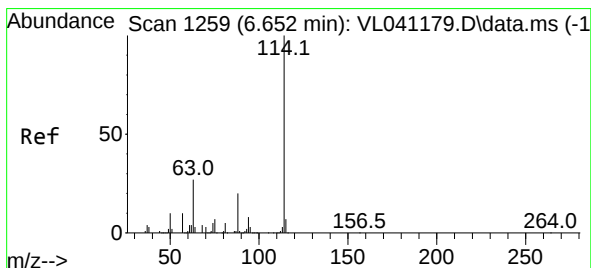
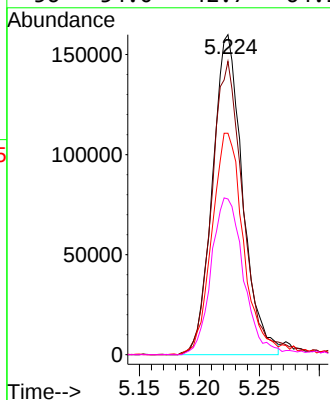
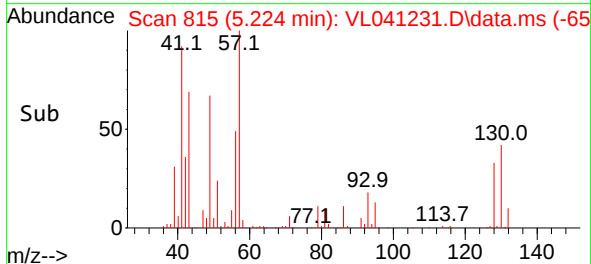
Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA02-20240425DL



Tgt Ion: 57 Resp: 27877
Ion Ratio Lower Upper
57 100
41 97.0 75.8 113.8
43 75.1 187.0 280.4
56 54.0 42.7 64.1

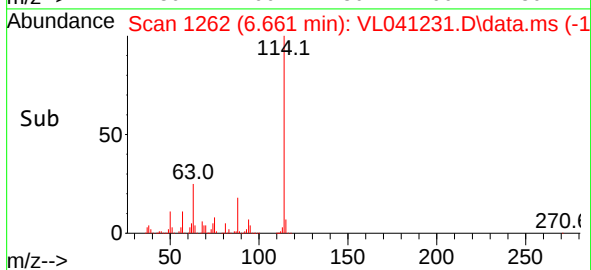
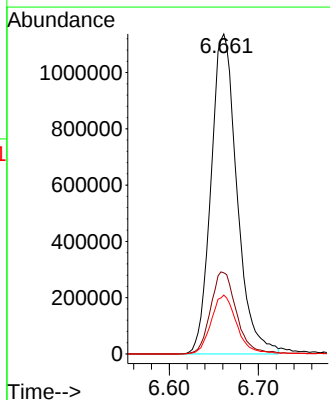
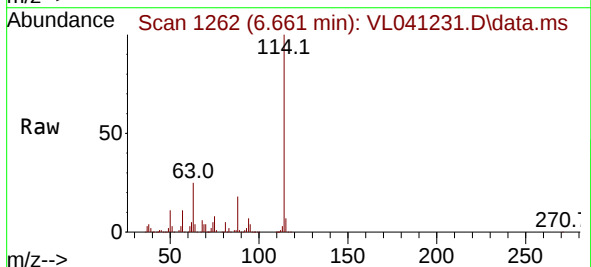
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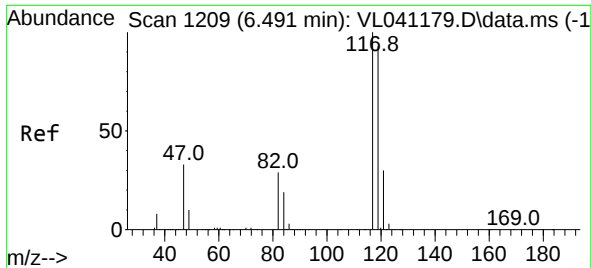
Reviewed By :Mahesh Dadoda 05/09/2024
Supervised By :Semsettin Yesilyurt 05/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.009 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

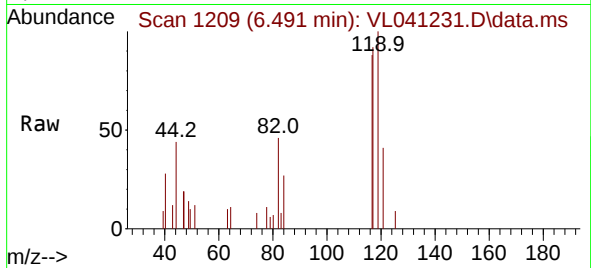
Tgt Ion:114 Resp: 2303120
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.6
88 18.3 15.2 22.8





#35
Carbon Tetrachloride
Concen: 0.065 ppbv m
RT: 6.491 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

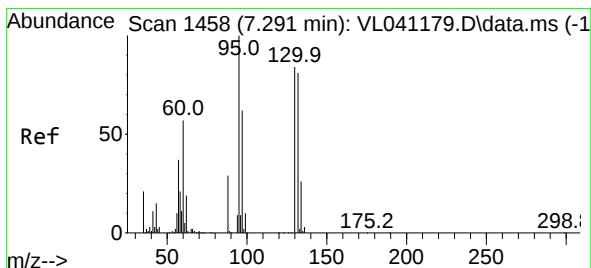
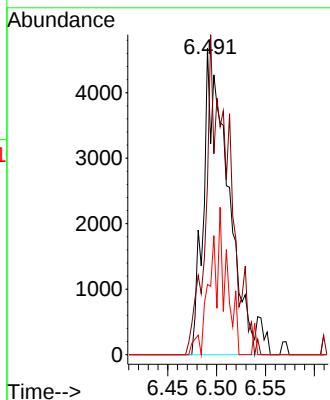
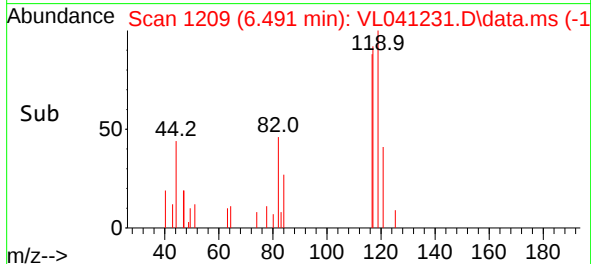
Instrument : MSVOA_L
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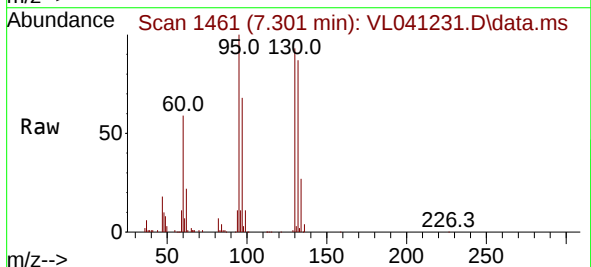
Tgt Ion:117 Resp: 836
Ion Ratio Lower Upper
117 100
119 108.9 74.3 111.5
121 44.9 23.8 35.8

Manual Integrations
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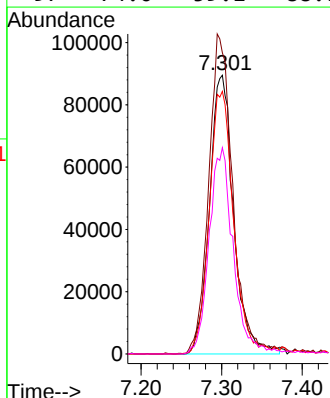
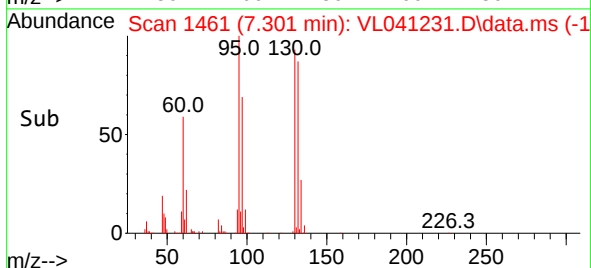
Reviewed By :Mahesh Dadoda 05/09/2024
Supervised By :Semsettin Yesilyurt 05/09/2024

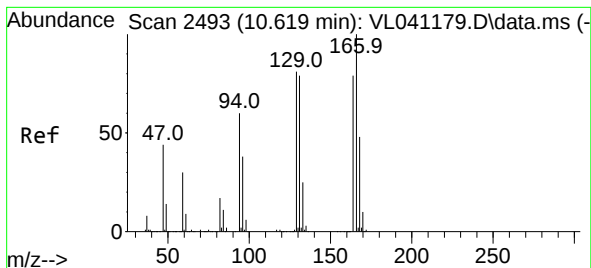


#38
Trichloroethene
Concen: 2.588 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. 0.009 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07



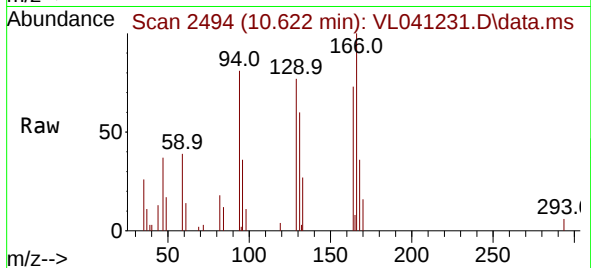
Tgt Ion:130 Resp: 186375
Ion Ratio Lower Upper
130 100
95 108.1 95.0 142.6
132 94.2 77.0 115.4
97 74.0 59.1 88.7





#52
Tetrachloroethene
Concen: 0.200 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. 0.003 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

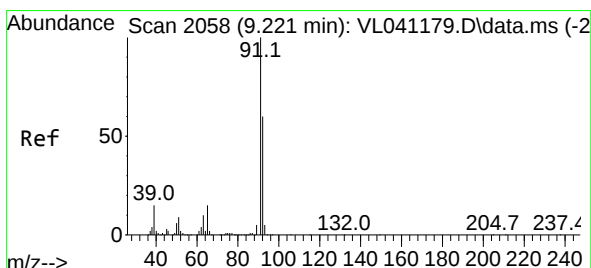
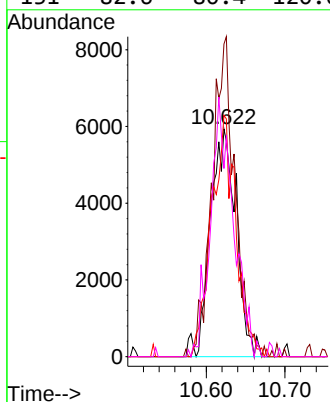
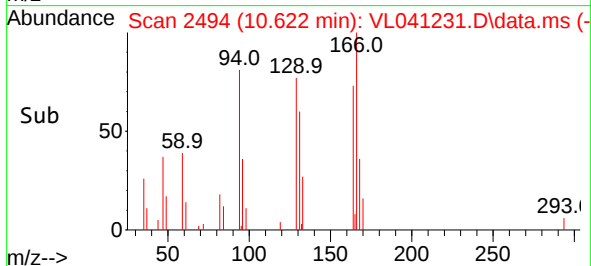
Instrument : MSVOA_L
ClientSampleId : BA-03-IA02-20240425DL



Tgt Ion:164 Resp: 1360
Ion Ratio Lower Upper
164 100
166 137.4 101.1 151.7
129 106.0 81.7 122.5
131 82.6 80.4 120.6

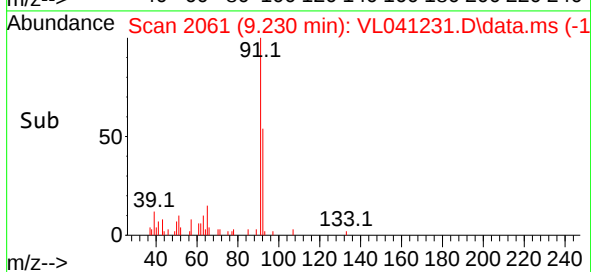
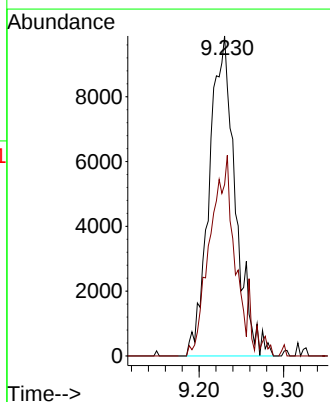
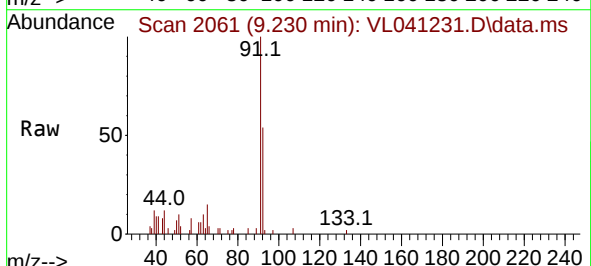
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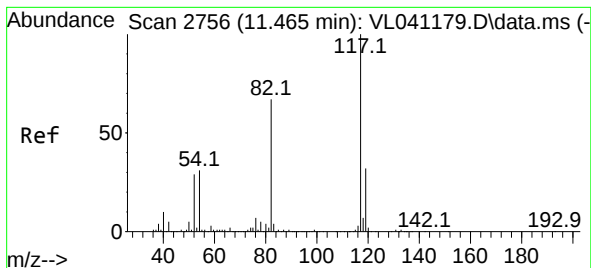
Reviewed By :Mahesh Dadoda 05/09/2024
Supervised By :Semsettin Yesilyurt 05/09/2024



#53
Toluene
Concen: 0.094 ppbv m
RT: 9.230 min Scan# 2061
Delta R.T. 0.009 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

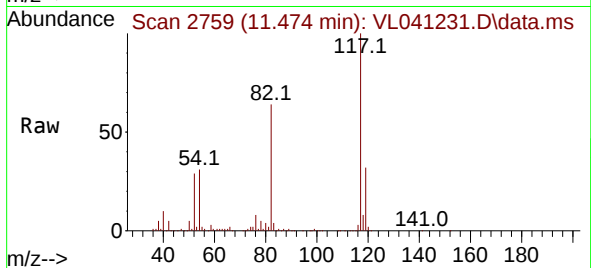
Tgt Ion: 91 Resp: 21139
Ion Ratio Lower Upper
91 100
92 62.8 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

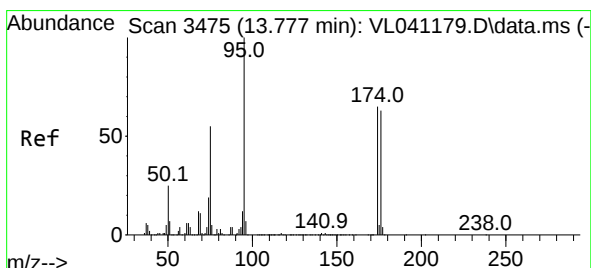
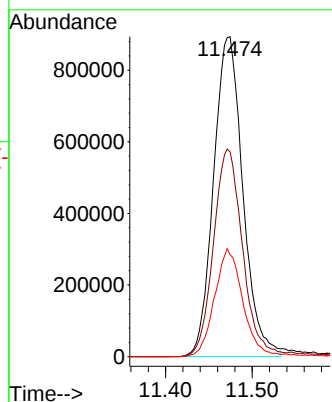
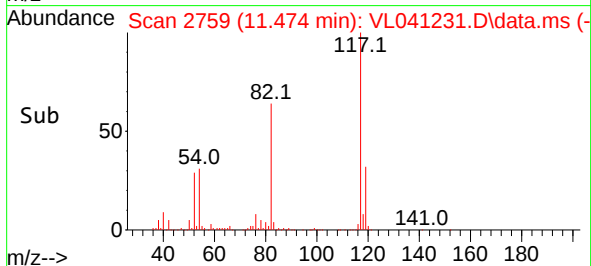
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 117 Resp: 209617
Ion Ratio Lower Upper
117 100
82 66.2 53.6 80.4
119 33.3 27.2 40.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/09/2024
Supervised By :Semsettin Yesilyurt 05/09/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.054 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL041231.D
Acq: 7 May 2024 8:07

Tgt Ion: 95 Resp: 1591123
Ion Ratio Lower Upper
95 100
174 67.7 53.6 80.4
175 5.0 4.2 6.4

