

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041403.D
 Acq On : 25 Jul 2024 16:42
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 02:44:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1207844	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3343894	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3087423	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2418801	10.453	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.899	62	6804	0.079	ppbv	94
32) 1,1,1-Trichloroethane	5.989	97	15825m	0.075	ppbv	
35) Carbon Tetrachloride	6.478	117	16719m	0.076	ppbv	
38) Trichloroethene	7.278	130	9639m	0.080	ppbv	
52) Tetrachloroethene	10.593	164	8679m	0.078	ppbv	
54) 1,2-Dibromoethane	9.995	107	11367m	0.080	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	17530m	0.066	ppbv	
79) Naphthalene	21.403	128	15122m	0.073	ppbv	

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

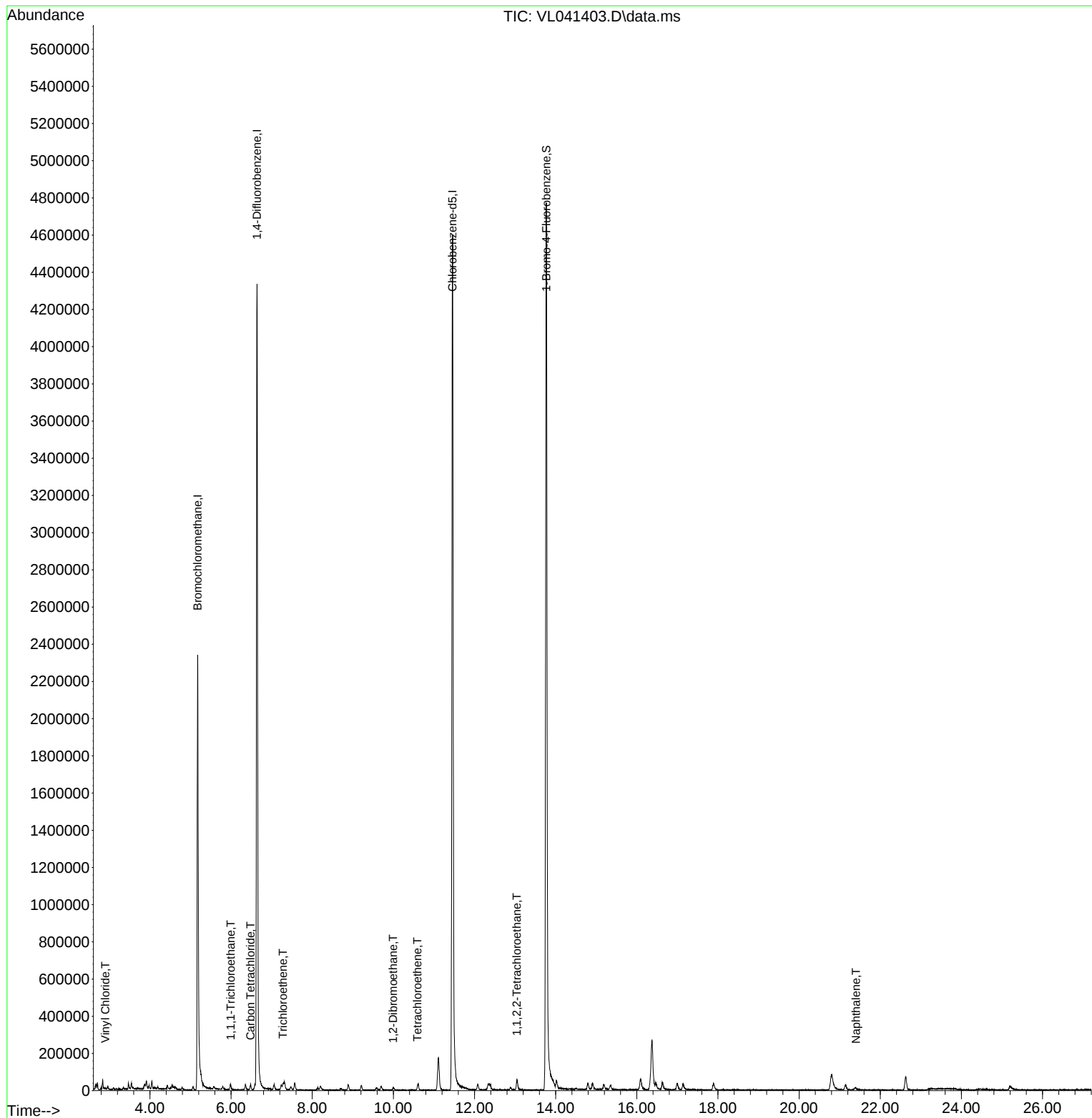
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Data File : VL041403.D
Acq On : 25 Jul 2024 16:42
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

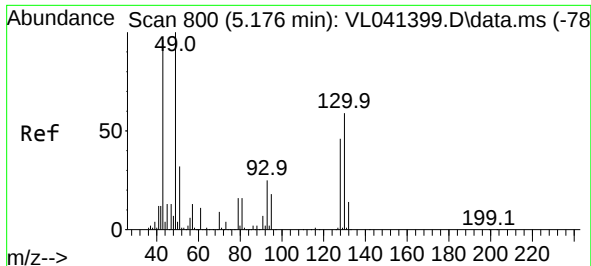
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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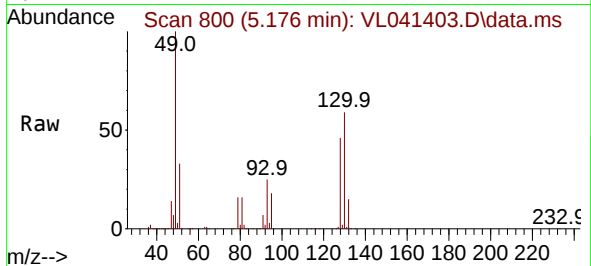
Quant Time: Jul 26 02:44:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 25 14:31:18 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

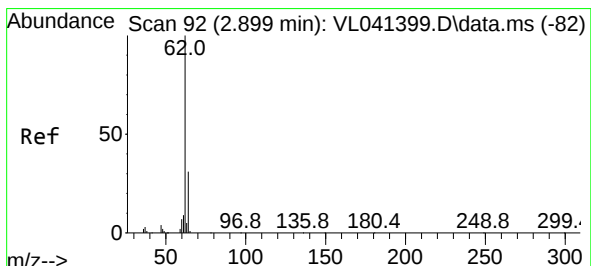
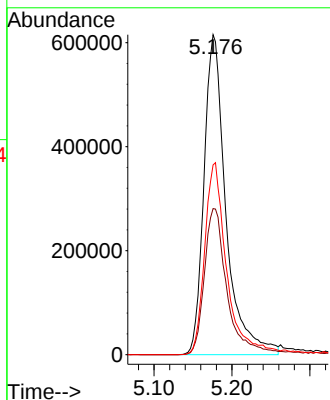
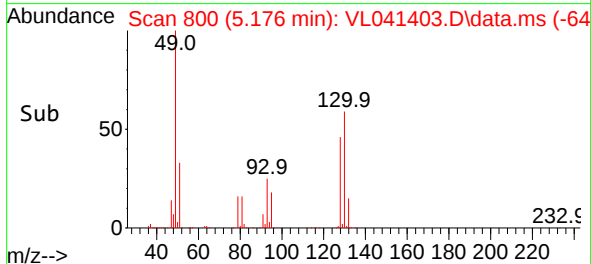
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 1207844
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.4
130 62.3 30.8 92.4

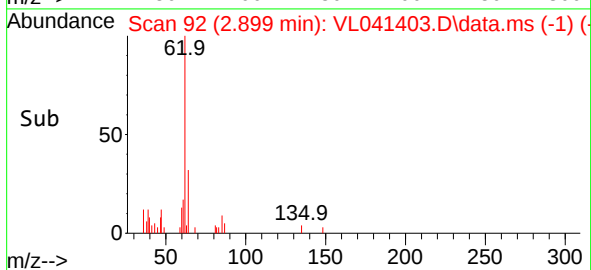
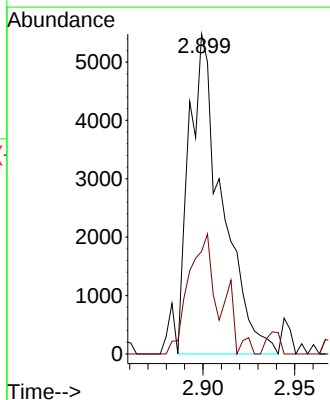
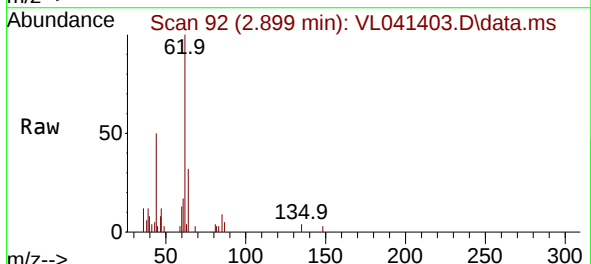
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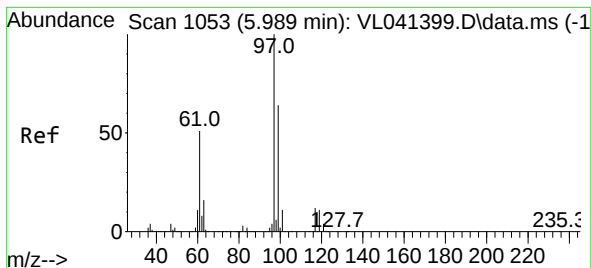
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#5
Vinyl Chloride
Concen: 0.079 ppbv
RT: 2.899 min Scan# 92
Delta R.T. -0.000 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

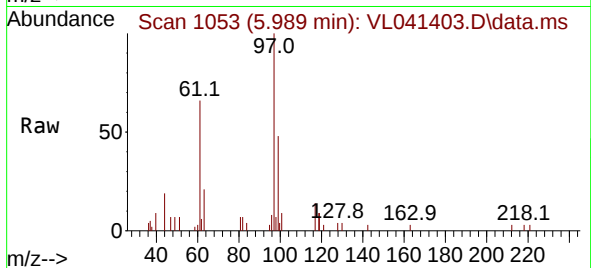
Tgt Ion: 62 Resp: 6804
Ion Ratio Lower Upper
62 100
64 27.8 25.0 37.4





#32
1,1,1-Trichloroethane
Concen: 0.075 ppbv m
RT: 5.989 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

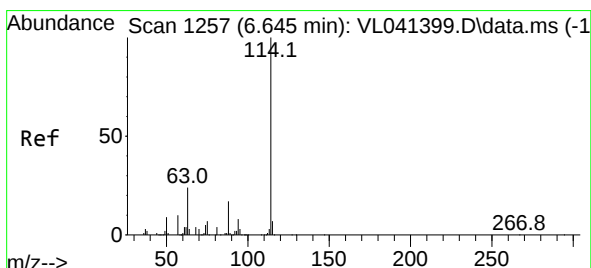
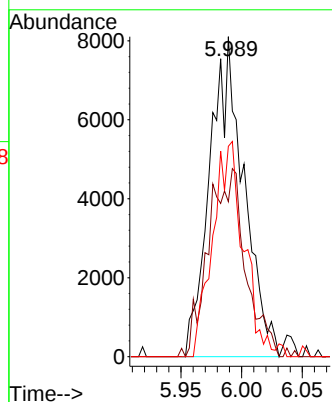
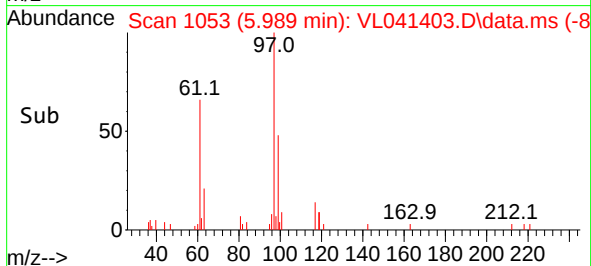
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 15829
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 61.8 41.8 62.8

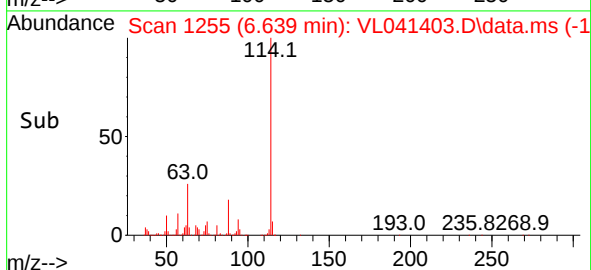
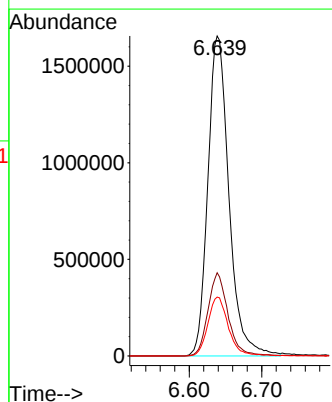
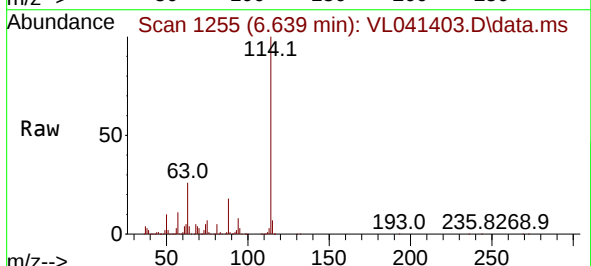
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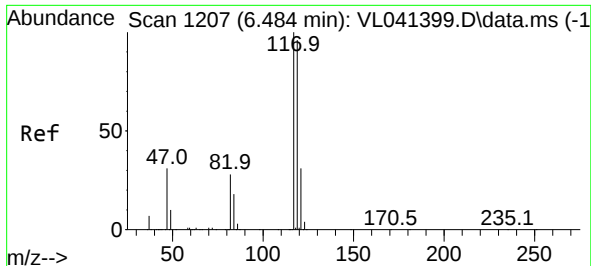
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

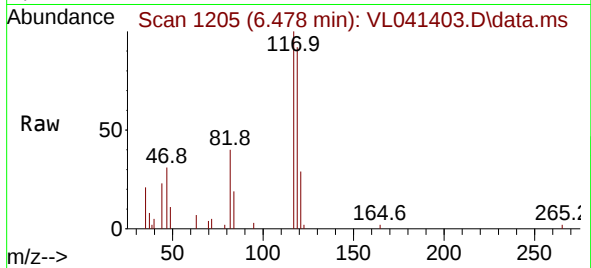
Tgt Ion:114 Resp: 3343894
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 18.1 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 6.478 min Scan# 117
Delta R.T. -0.007 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

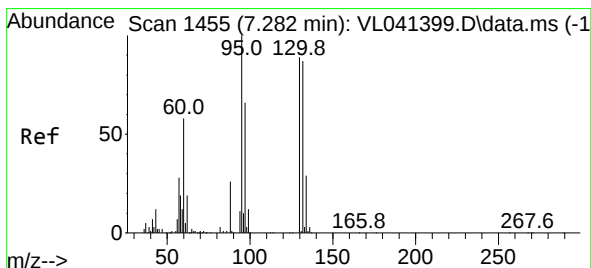
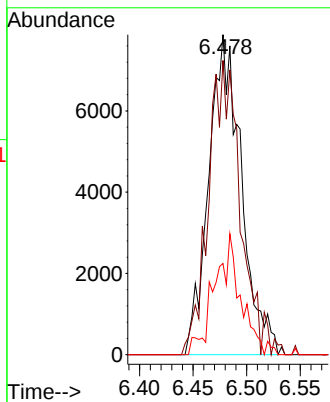
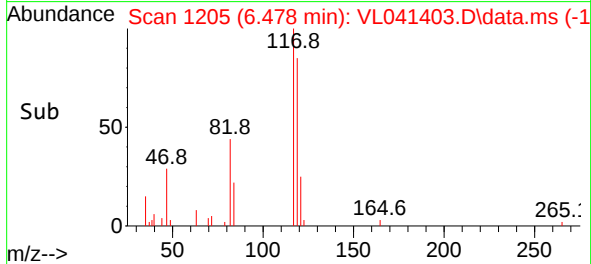
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 16719
Ion Ratio Lower Upper
117 100
119 91.9 76.6 115.0
121 28.5 25.1 37.7

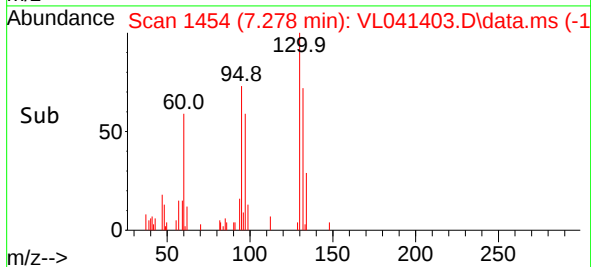
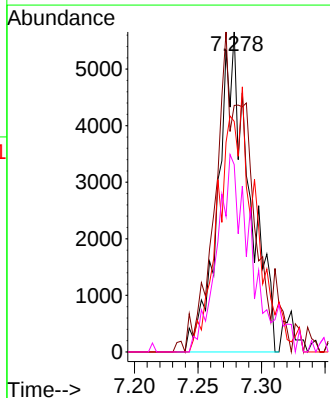
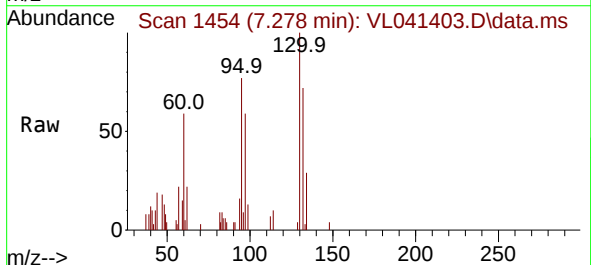
Manual Integrations
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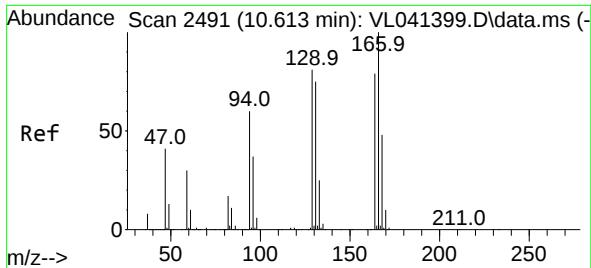
Reviewed By :Semsettin Yesilyurt 07/26/2024
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#38
Trichloroethene
Concen: 0.080 ppbv m
RT: 7.278 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

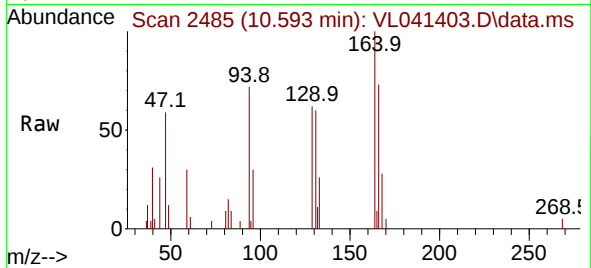
Tgt Ion:130 Resp: 9639
Ion Ratio Lower Upper
130 100
95 77.0 90.2 135.2#
132 72.0 78.1 117.1#
97 58.6 59.7 89.5#





#52
Tetrachloroethene
Concen: 0.078 ppbv m
RT: 10.593 min Scan# 2491
Delta R.T. -0.019 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

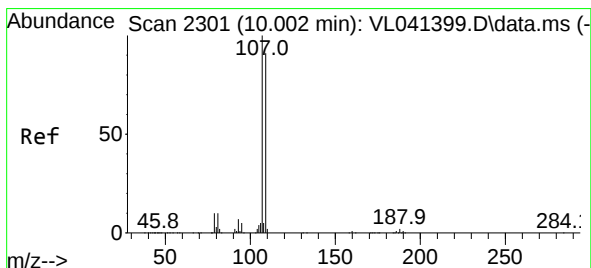
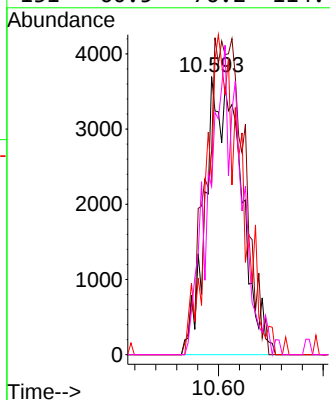
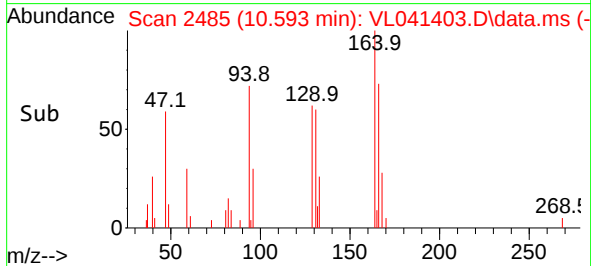
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



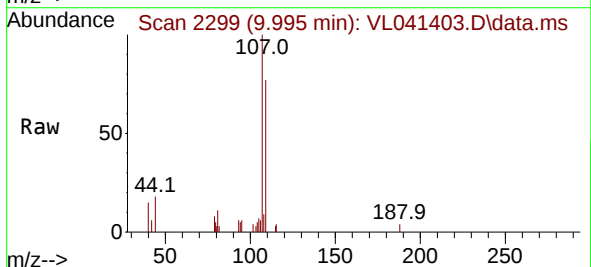
Tgt Ion:164 Resp: 8679
Ion Ratio Lower Upper
164 100
166 73.3 101.1 151.7
129 61.9 81.7 122.5
131 60.5 76.2 114.4

Manual Integrations
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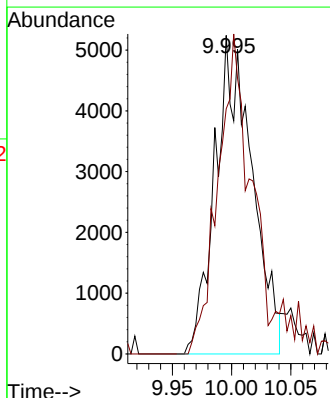
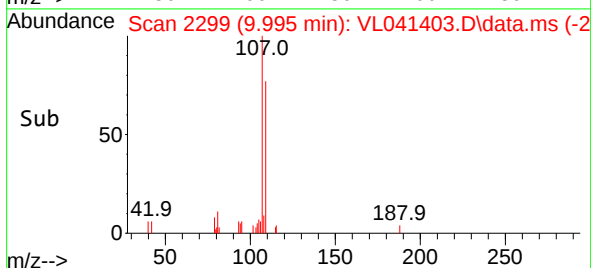
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

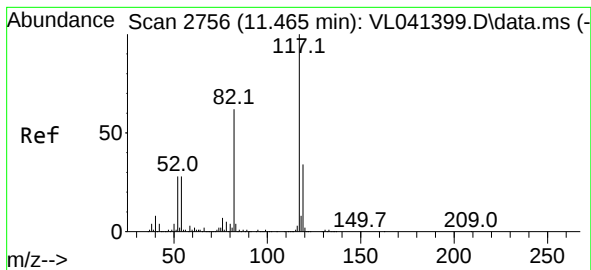


#54
1,2-Dibromoethane
Concen: 0.080 ppbv m
RT: 9.995 min Scan# 2299
Delta R.T. -0.006 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42



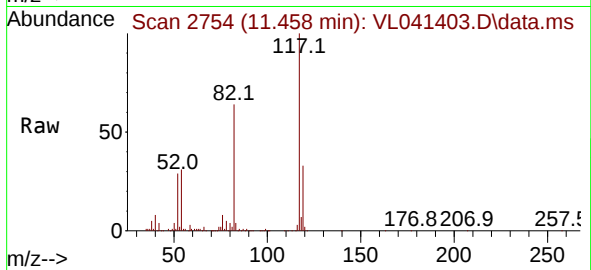
Tgt Ion:107 Resp: 11367
Ion Ratio Lower Upper
107 100
109 77.0 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.007 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

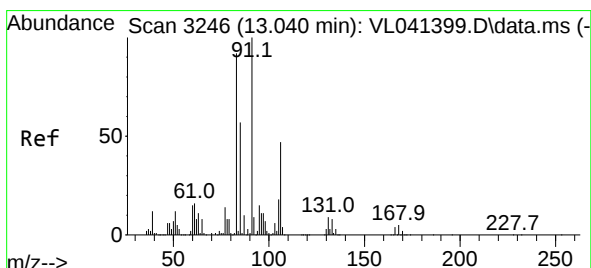
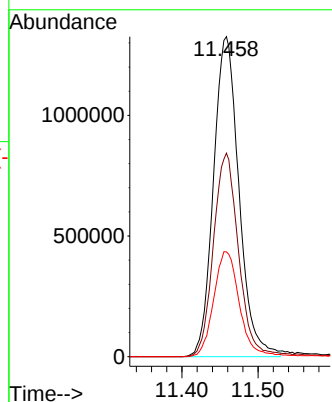
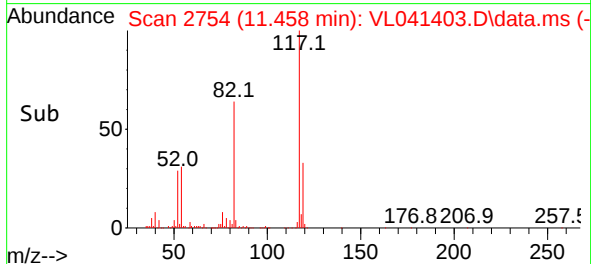
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 117 Resp: 308742
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.2 45.2 67.8

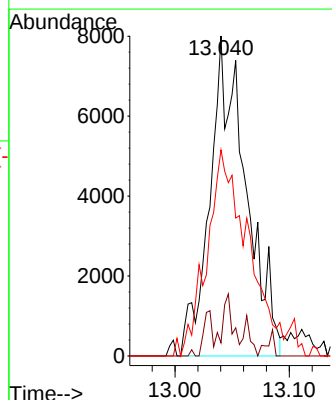
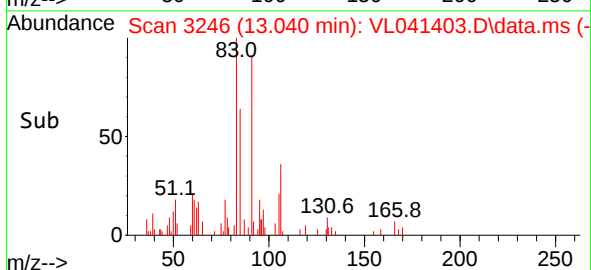
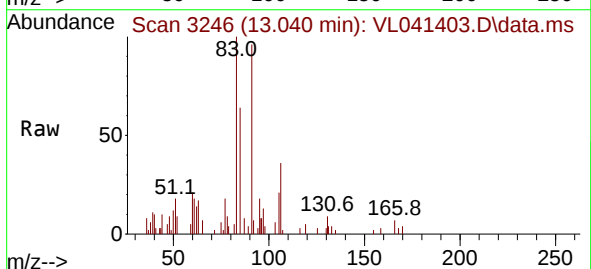
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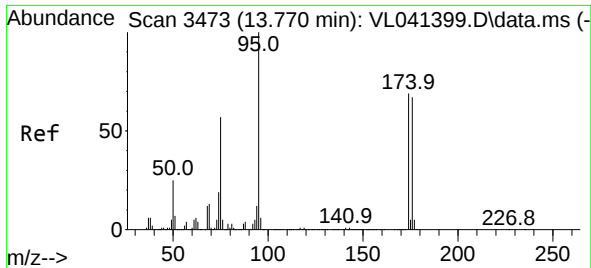
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.066 ppbv m
RT: 13.040 min Scan# 3246
Delta R.T. -0.000 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

Tgt Ion: 83 Resp: 17530
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 76.7 32.6 98.0





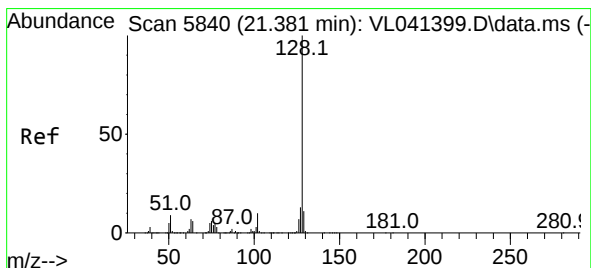
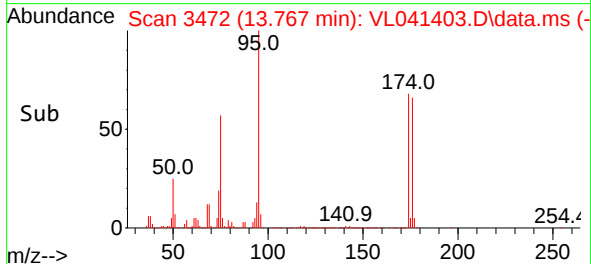
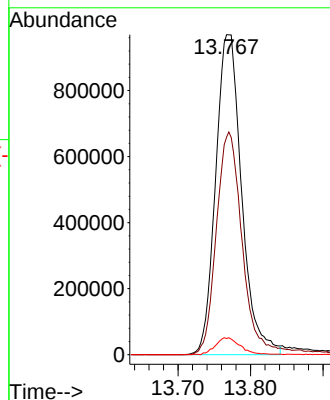
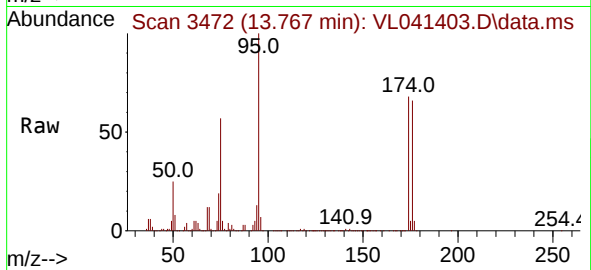
#68
1-Bromo-4-Fluorobenzene
Concen: 10.453 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 95 Resp: 241880
Ion Ratio Lower Upper
95 100
174 70.3 56.3 84.5
175 5.2 4.0 6.0

Manual Integrations
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#79
Naphthalene
Concen: 0.073 ppbv m
RT: 21.403 min Scan# 5847
Delta R.T. 0.022 min
Lab File: VL041403.D
Acq: 25 Jul 2024 16:42

Tgt Ion:128 Resp: 15122
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 8.1 9.0 13.4

