

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041466.D
 Acq On : 31 Jul 2024 16:59
 Operator : SY/MD
 Sample : P3390-13 0.03 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 03:57:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	918647	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2537122	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2291795	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1782416	10.106	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.925	62	1742	0.030	ppbv	# 77
32) 1,1,1-Trichloroethane	6.005	97	4099m	0.030	ppbv	
35) Carbon Tetrachloride	6.491	117	4002m	0.029	ppbv	
38) Trichloroethene	7.291	130	2732m	0.032	ppbv	
52) Tetrachloroethene	10.622	164	2149m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.056	83	4367m	0.032	ppbv	

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

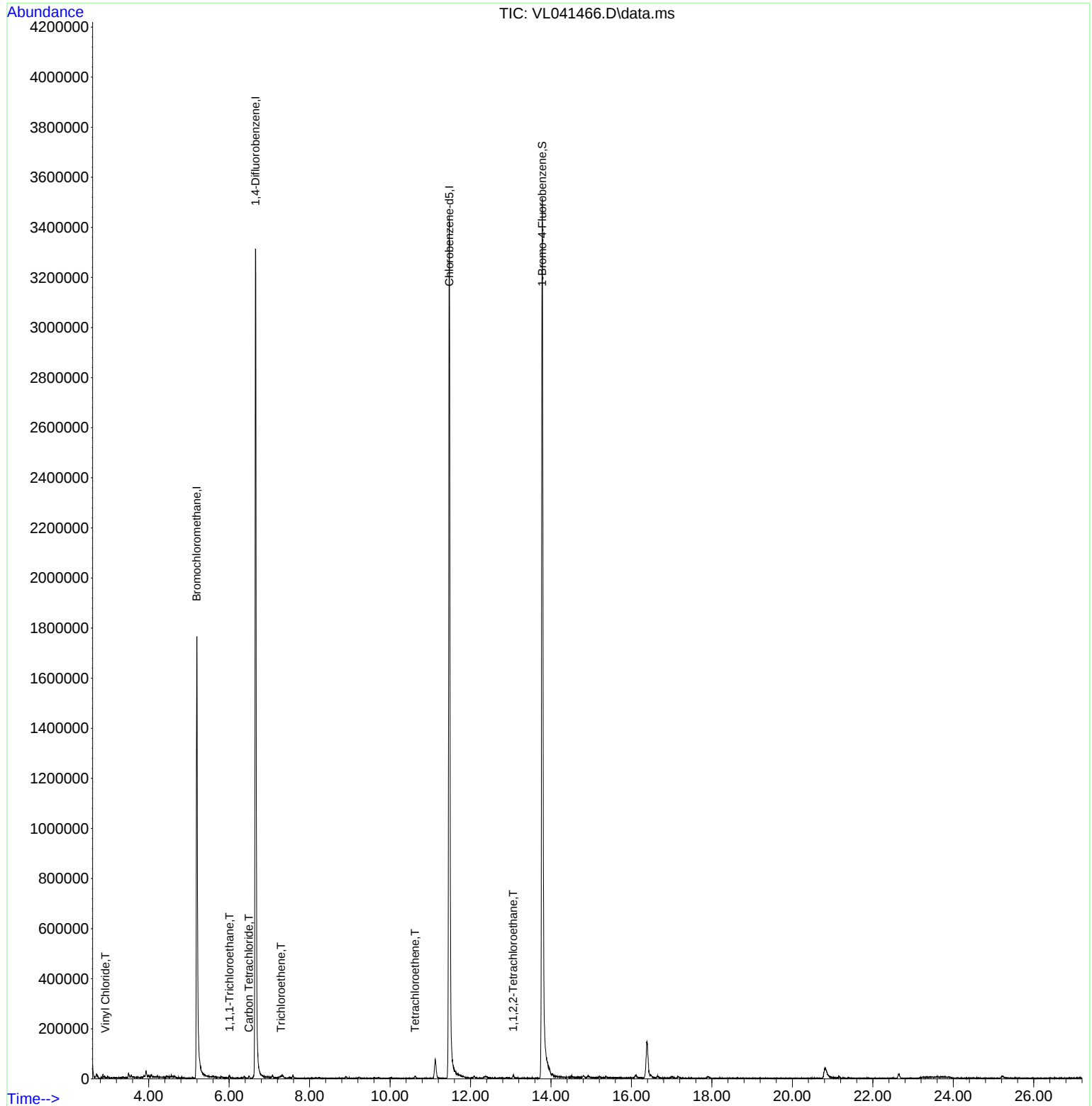
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
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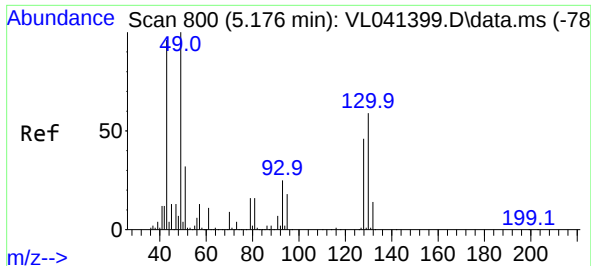
Instrument :
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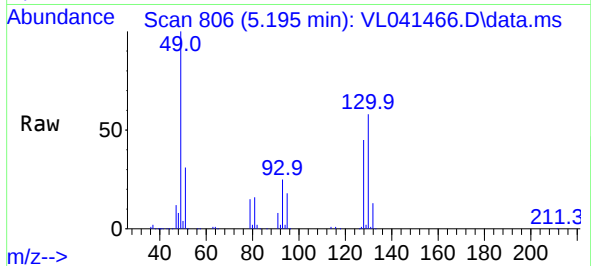
Reviewed By : Semsettin Yesilyurt 08/01/2024
Supervised By : Mahesh Dadoda 08/01/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

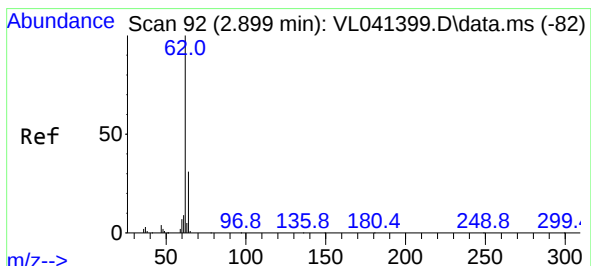
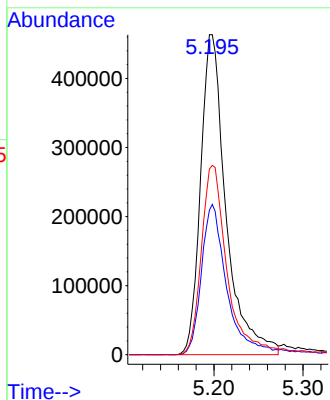
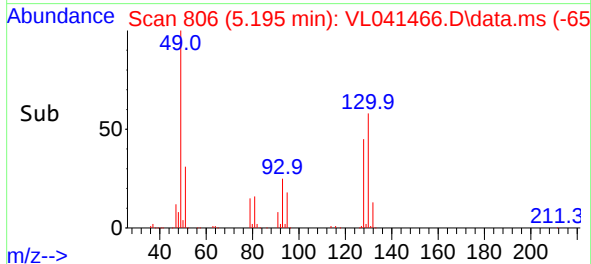
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 49 Resp: 91864
Ion Ratio Lower Upper
49 100
128 49.1 23.8 71.4
130 61.5 30.8 92.4

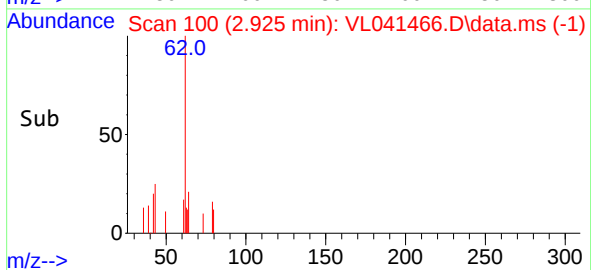
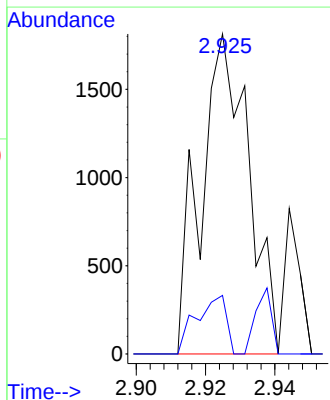
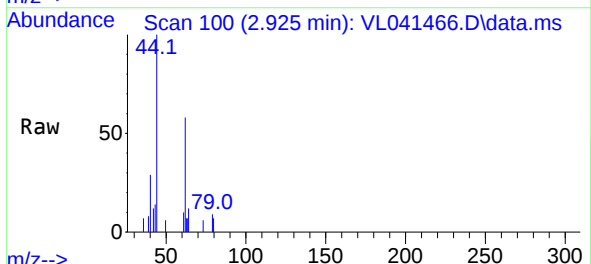
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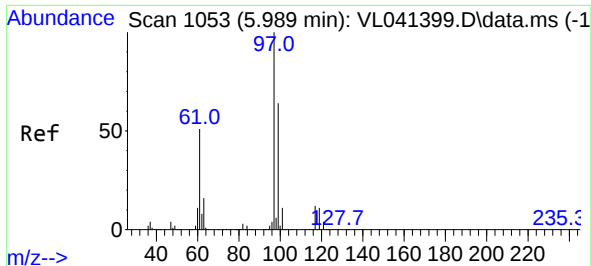
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#5
Vinyl Chloride
Concen: 0.030 ppbv
RT: 2.925 min Scan# 100
Delta R.T. 0.003 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 62 Resp: 1742
Ion Ratio Lower Upper
62 100
64 18.3 25.0 37.4#





#32

1,1,1-Trichloroethane

Concen: 0.030 ppbv m

RT: 6.005 min Scan# 1058

Delta R.T. -0.003 min

Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

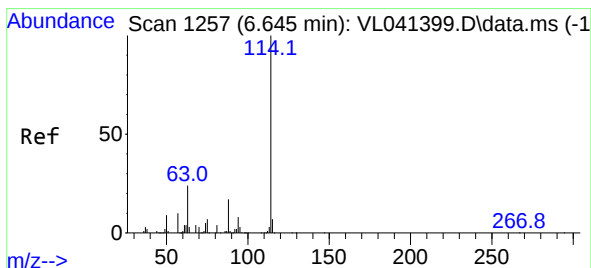
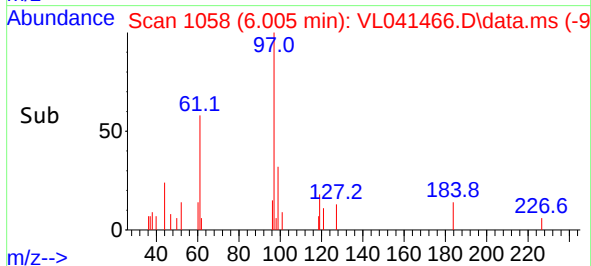
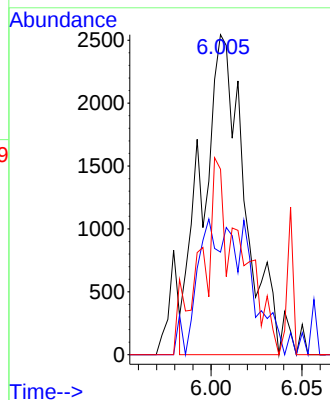
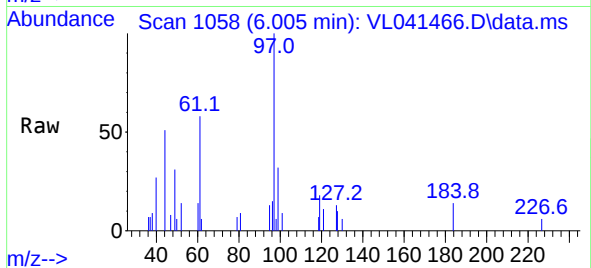
Tgt Ion: 97 Resp: 4099

Ion	Ratio	Lower	Upper
97	100		
99	51.8	52.0	78.0
61	63.7	41.8	62.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

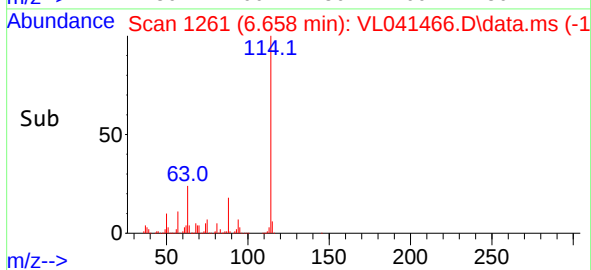
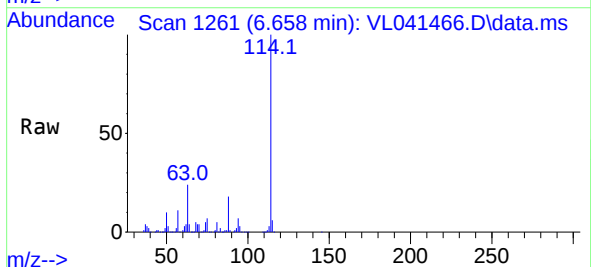
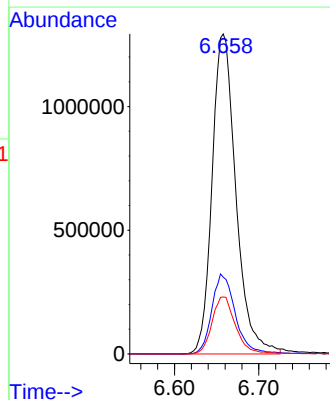
Delta R.T. -0.000 min

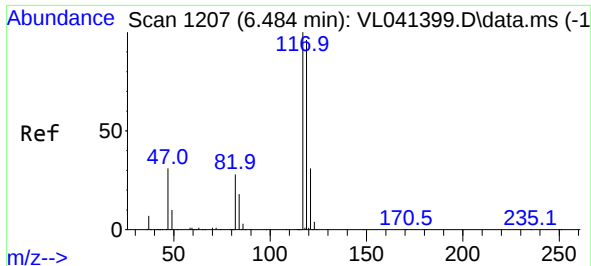
Lab File: VL041466.D

Acq: 31 Jul 2024 16:59

Tgt Ion:114 Resp: 2537122

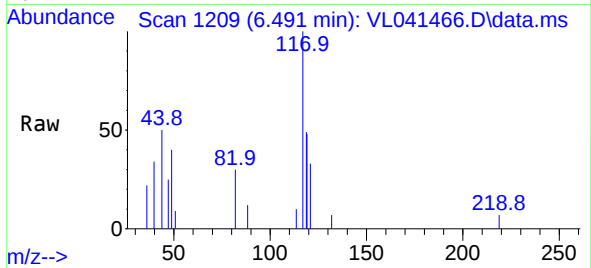
Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.3	30.5
88	17.8	14.3	21.5





#35
Carbon Tetrachloride
Concen: 0.029 ppbv m
RT: 6.491 min Scan# 117
Delta R.T. -0.007 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

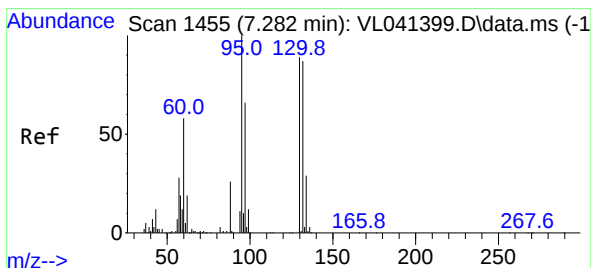
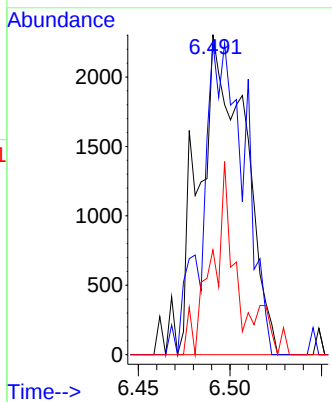
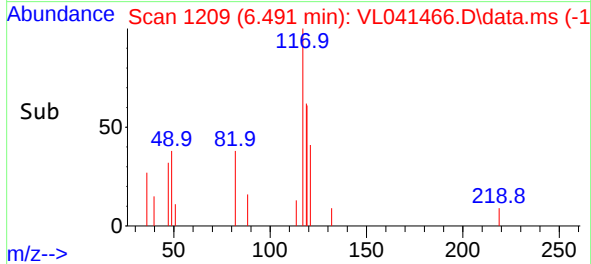
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:117 Resp: 400
Ion Ratio Lower Upper
117 100
119 49.4 76.6 115.0#
121 32.8 25.1 37.7

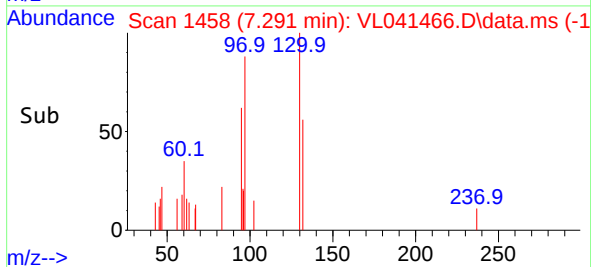
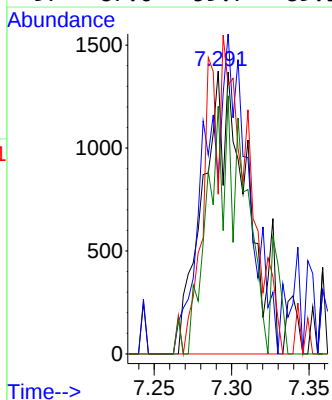
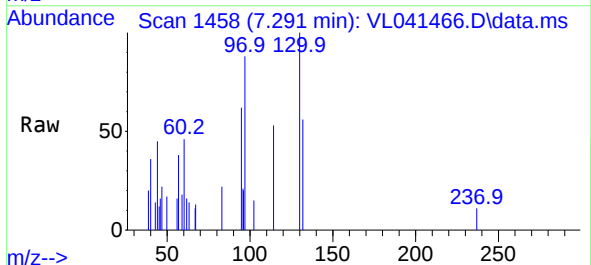
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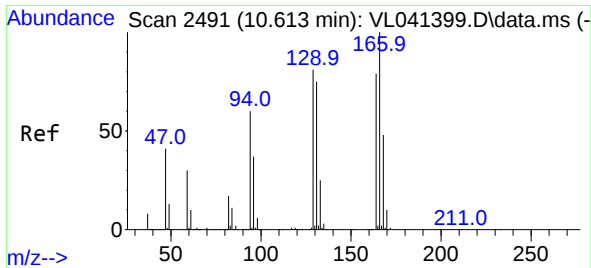
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#38
Trichloroethene
Concen: 0.032 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. -0.007 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

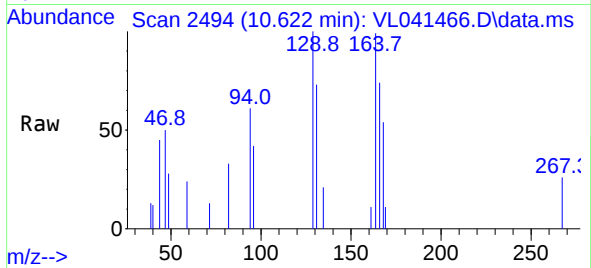
Tgt Ion:130 Resp: 2732
Ion Ratio Lower Upper
130 100
95 61.9 90.2 135.2#
132 56.4 78.1 117.1#
97 87.6 59.7 89.5





#52
Tetrachloroethene
Concen: 0.030 ppbv m
RT: 10.622 min Scan# 2491
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

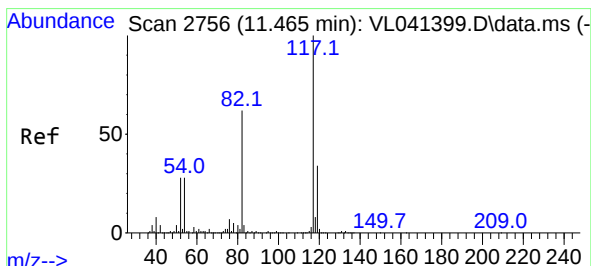
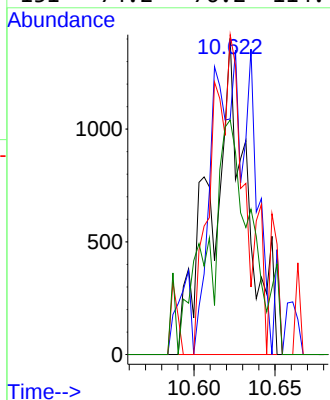
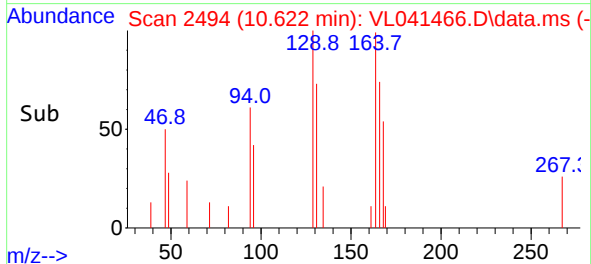
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



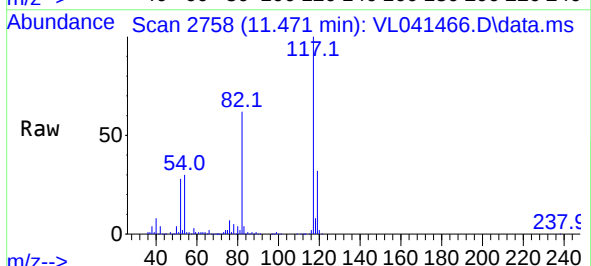
Tgt Ion:164 Resp: 2149
Ion Ratio Lower Upper
164 100
166 74.5 101.1 151.7
129 101.1 81.7 122.5
131 74.2 76.2 114.4#

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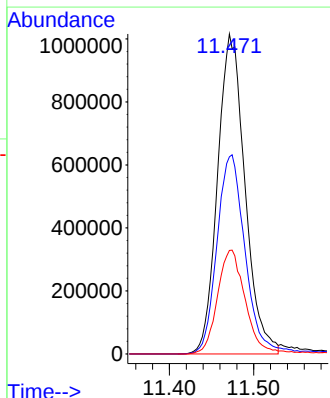
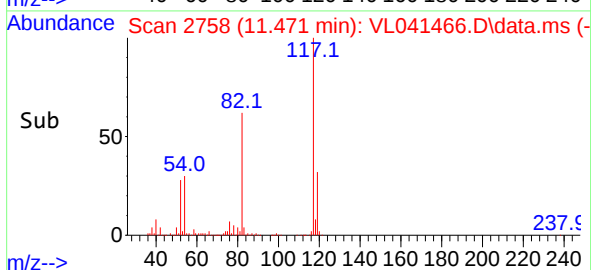
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

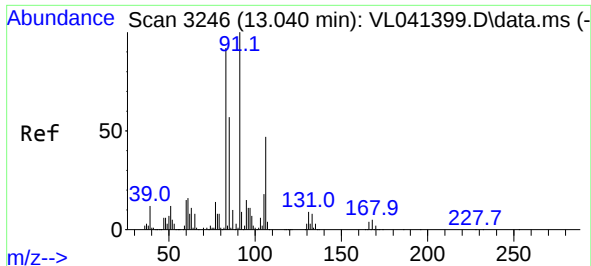


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59



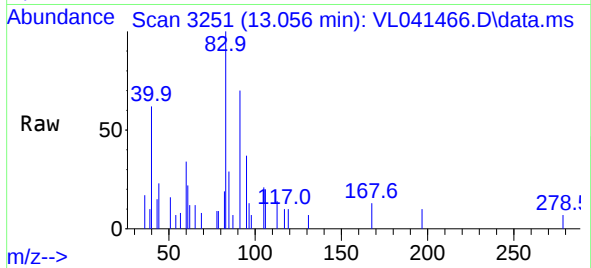
Tgt Ion:117 Resp: 2291795
Ion Ratio Lower Upper
117 100
82 65.6 51.0 76.6
119 33.7 45.2 67.8#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

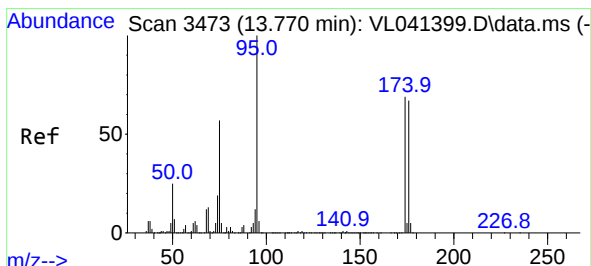
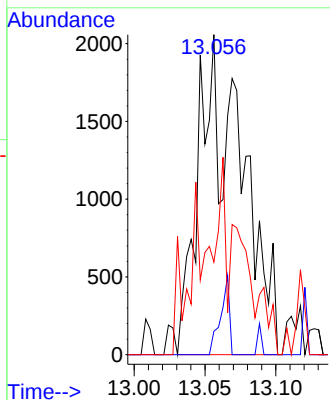
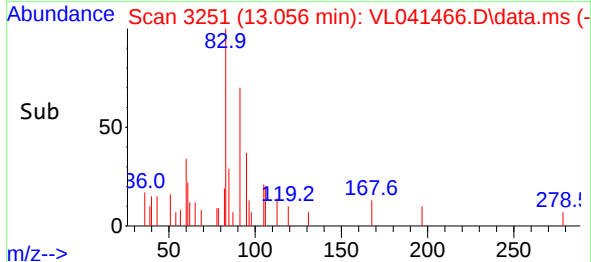
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 83 Resp: 436
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 32.6 98.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.106 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VL041466.D
Acq: 31 Jul 2024 16:59

Tgt Ion: 95 Resp: 1782416
Ion Ratio Lower Upper
95 100
174 72.2 56.3 84.5
175 5.2 4.0 6.0

