

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041184.D
 Acq On : 29 Apr 2024 14:46
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:09:36 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 Apr 30 05:04:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1028130	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2580260	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2325780	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1783384	10.153	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.919	62	1982m	0.033	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	4539m	0.030	ppbv	
35) Carbon Tetrachloride	6.481	117	4737m	0.032	ppbv	
38) Trichloroethene	7.291	130	2915m	0.036	ppbv	
52) Tetrachloroethene	10.626	164	2453m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	5196m	0.030	ppbv	

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

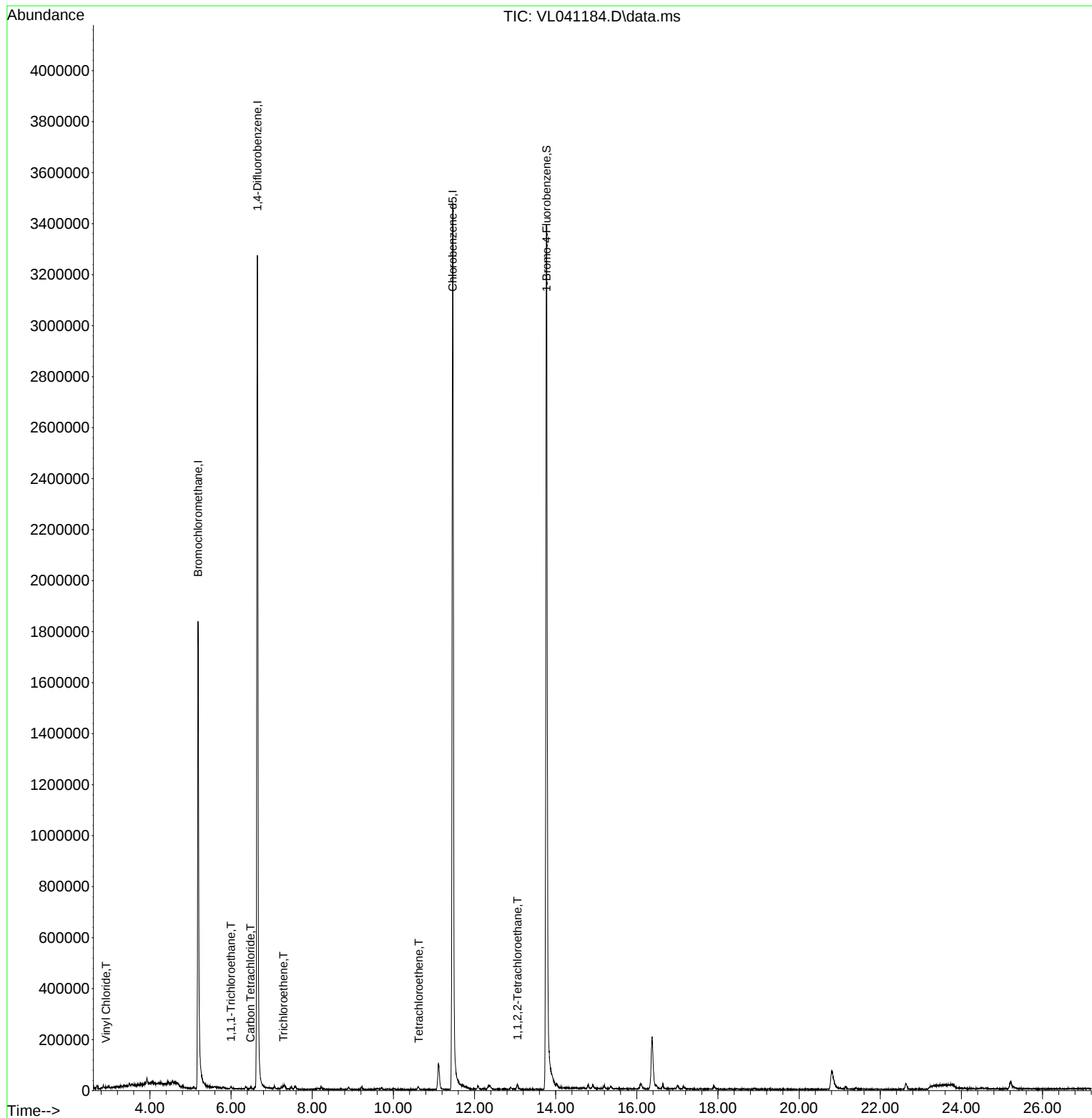
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
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ALS Vial : 1 Sample Multiplier: 1

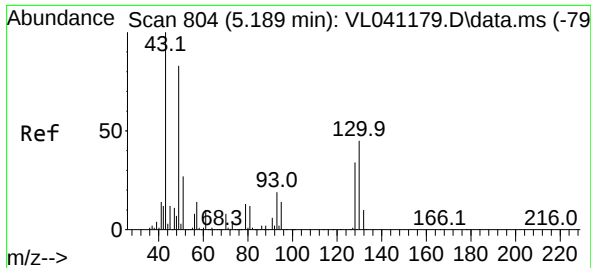
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MSVOA_L
ClientSampleId :
VSTDICC0.03

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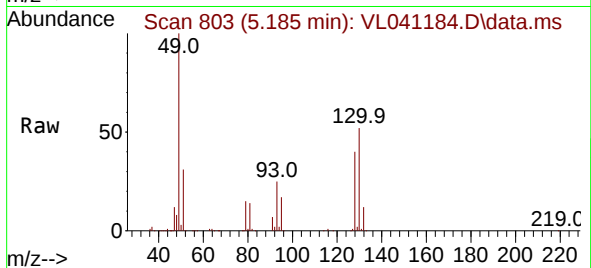
Reviewed By : Semsettin Yesilyurt 04/30/2024
Supervised By : Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

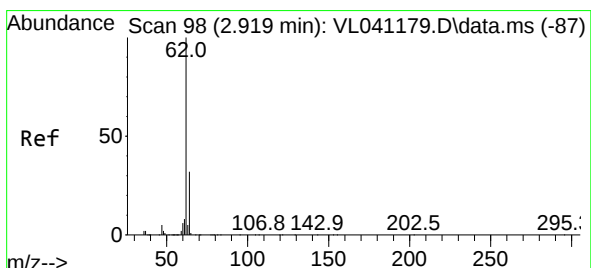
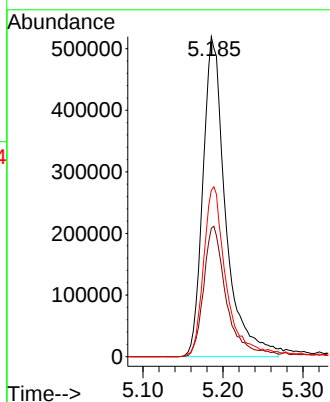
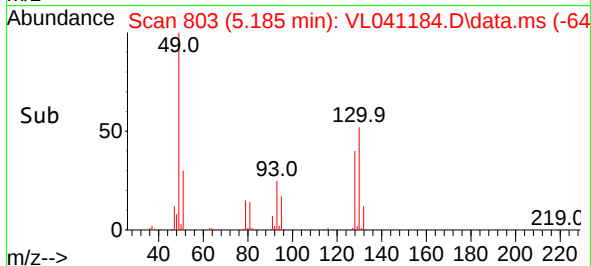
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 1028130
Ion Ratio Lower Upper
49 100
128 40.8 21.5 64.5
130 55.2 27.2 81.6

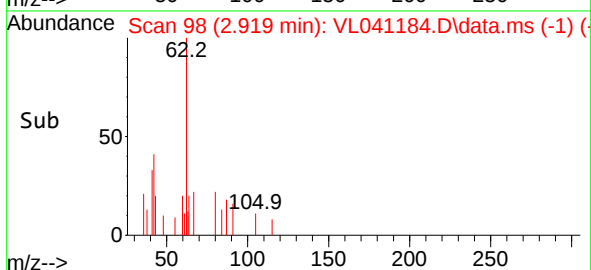
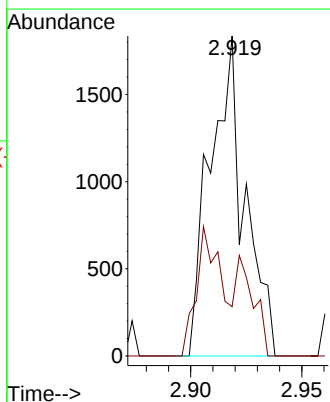
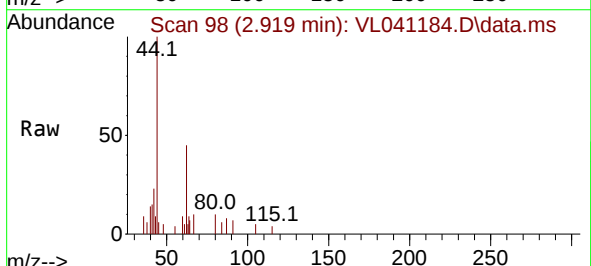
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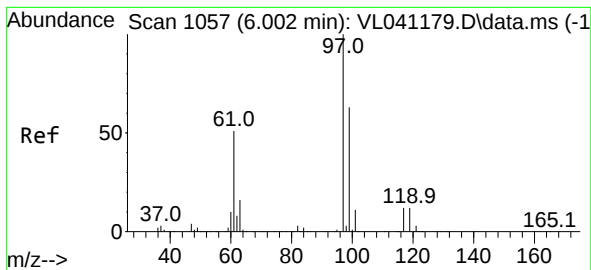
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 2.919 min Scan# 98
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 62 Resp: 1982
Ion Ratio Lower Upper
62 100
64 15.4 25.7 38.5





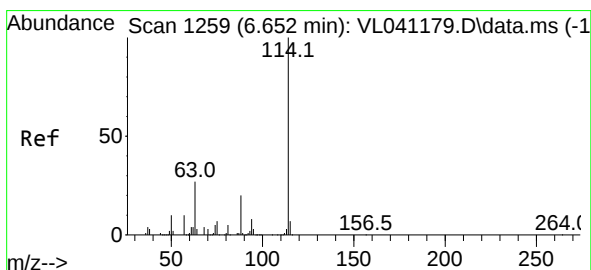
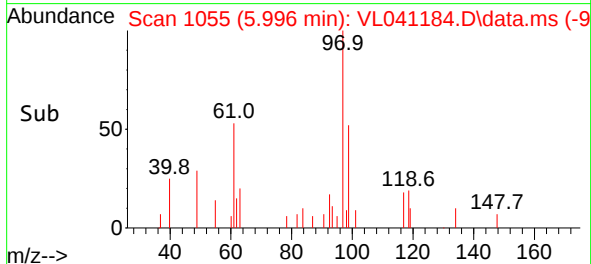
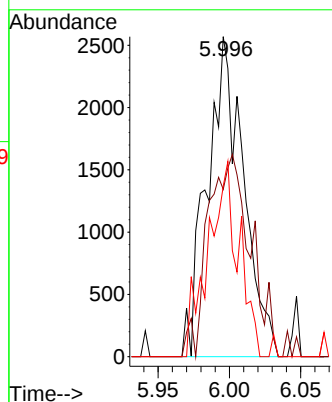
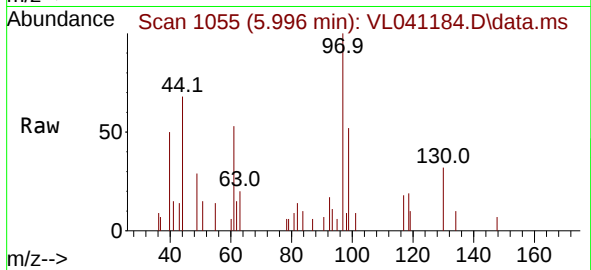
#32
1,1,1-Trichloroethane
Concen: 0.030 ppbv m
RT: 5.996 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 4539
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5
61 51.9 41.1 61.7

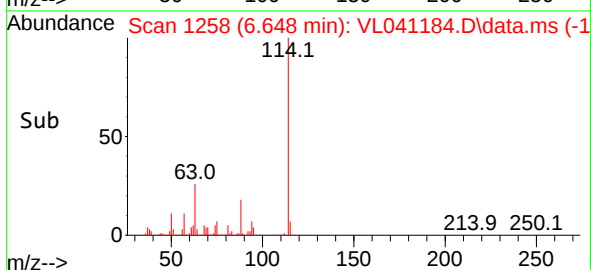
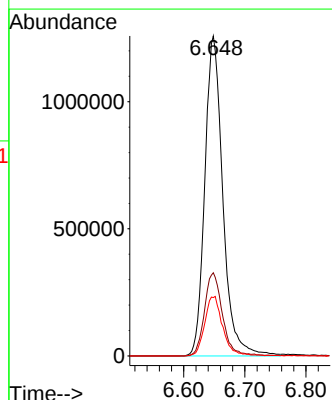
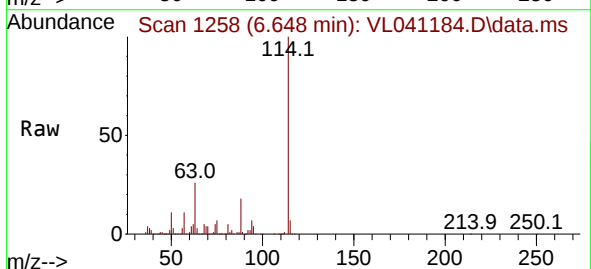
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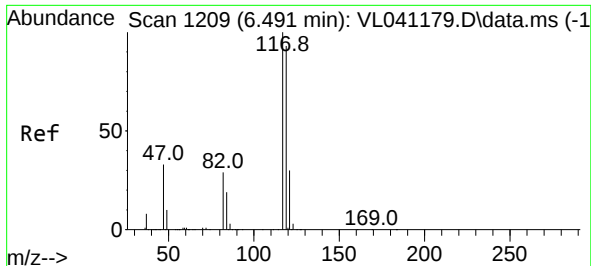
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

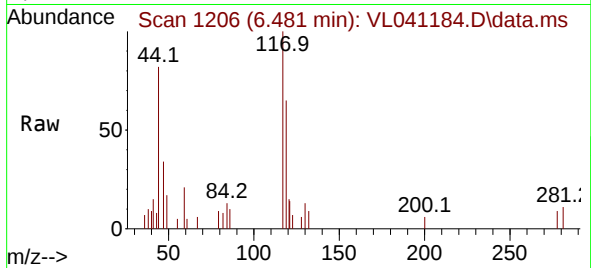
Tgt Ion:114 Resp: 2580260
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.6
88 18.7 15.2 22.8





#35
Carbon Tetrachloride
Concen: 0.032 ppbv m
RT: 6.481 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

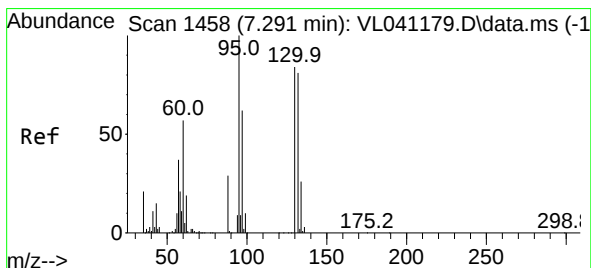
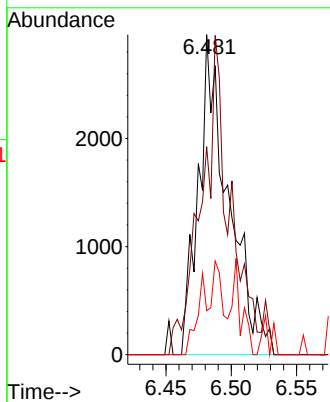
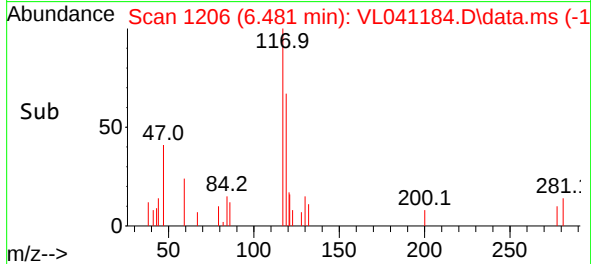
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



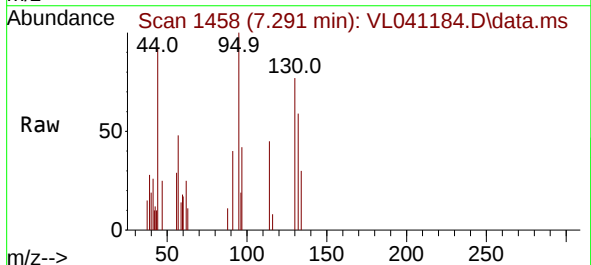
Tgt Ion:117 Resp: 473
Ion Ratio Lower Upper
117 100
119 65.0 74.3 111.5
121 13.7 23.8 35.8

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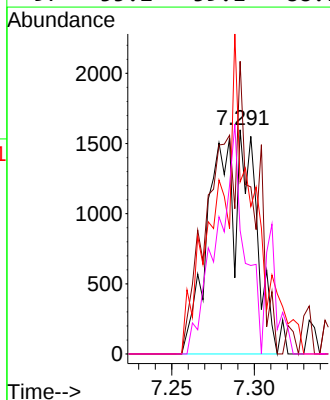
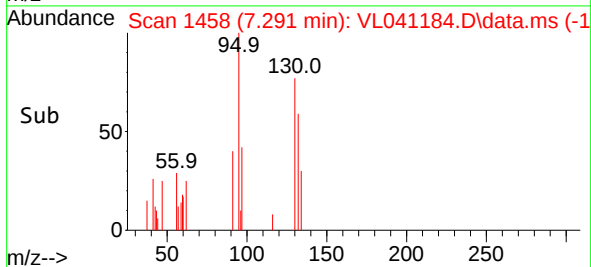
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

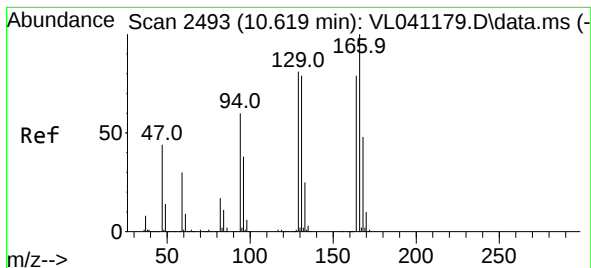


#38
Trichloroethene
Concen: 0.036 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46



Tgt Ion:130 Resp: 2915
Ion Ratio Lower Upper
130 100
95 130.5 95.0 142.6
132 76.7 77.0 115.4#
97 55.2 59.1 88.7#





#52

Tetrachloroethene

Concen: 0.032 ppbv m

RT: 10.626 min Scan# 2493

Delta R.T. 0.006 min

Lab File: VL041184.D

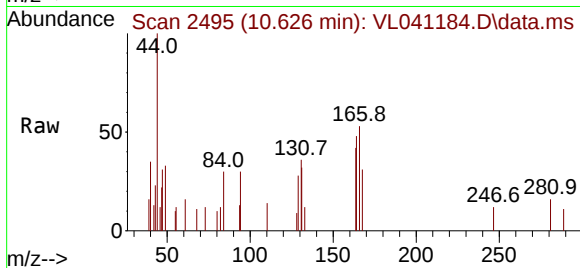
Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

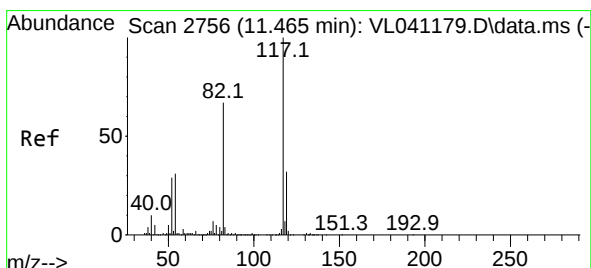
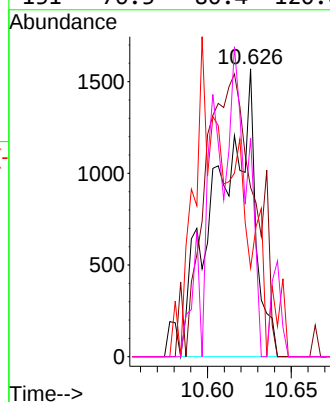
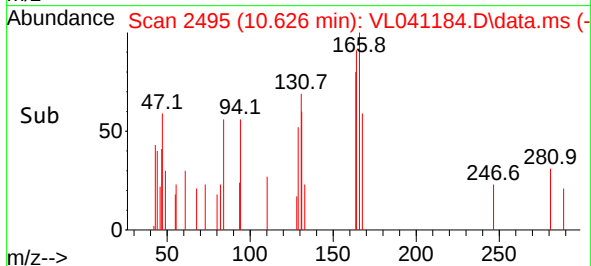


Tgt Ion:	164	Resp:	245
Ion	Ratio	Lower	Upper
164	100		
166	110.4	101.1	151.7
129	57.9	81.7	122.5
131	76.3	80.4	120.6

Manual Integrations

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Supervised By :Mahesh Dadoda 04/30/2024



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

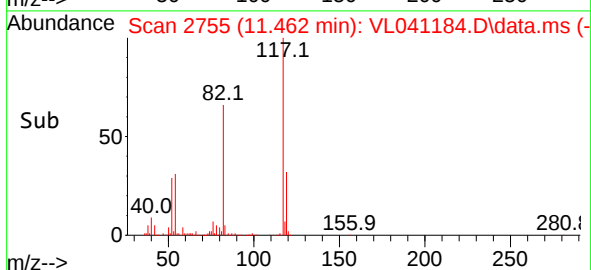
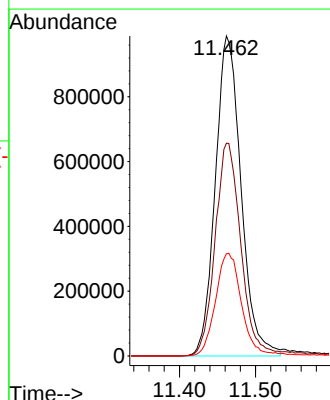
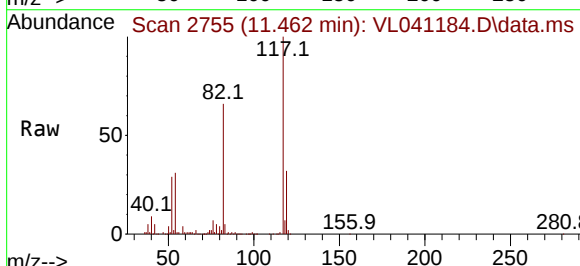
RT: 11.462 min Scan# 2755

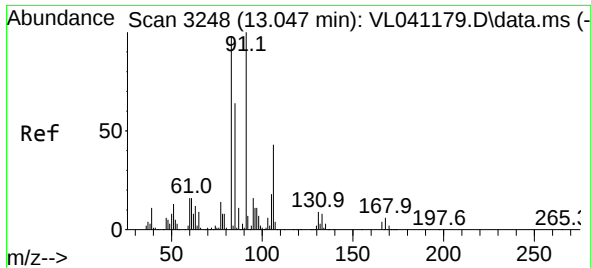
Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion:	117	Resp:	2325780
Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.6	80.4
119	33.3	27.2	40.8





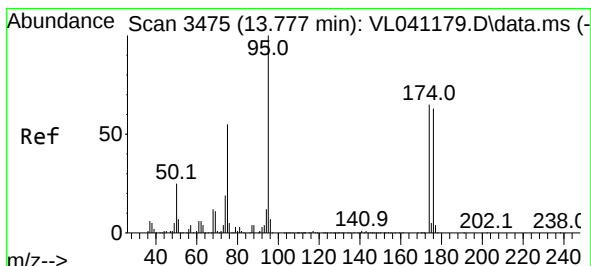
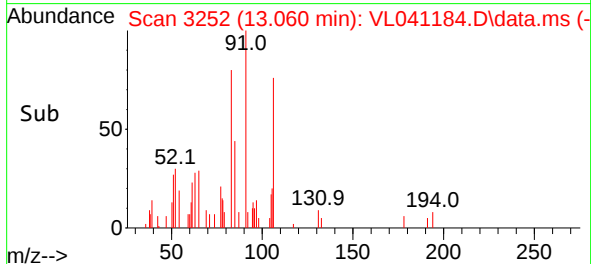
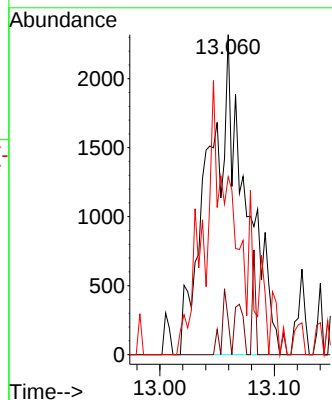
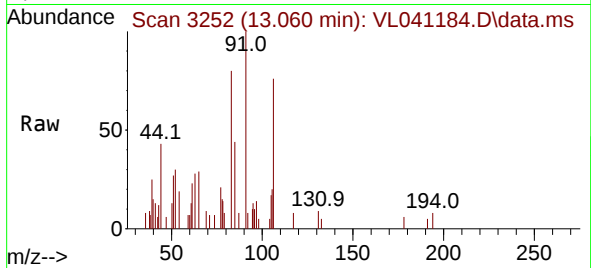
#63
1,1,2,2-Tetrachloroethane
Concen: 0.030 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.013 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 5190
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 0.0 32.7 98.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.153 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 95 Resp: 1783384
Ion Ratio Lower Upper
95 100
174 67.0 53.6 80.4
175 5.0 4.2 6.4

