

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039541.D
 Acq On : 17 Aug 2022 6:51
 Operator : SY/AP
 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 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

Quant Time: Aug 17 07:48:09 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug :
 QLast Update : Wed Aug 17 04:35:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.204	49	1064893	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.660	114	2756811	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2519919	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.776	95	1901927	10.165	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.944	62	1664m	0.023	ppbv	
32) 1,1,1-Trichloroethane	6.014	97	3767m	0.021	ppbv	
35) Carbon Tetrachloride	6.506	117	4815m	0.029	ppbv	
38) Trichloroethene	7.300	130	3308m	0.029	ppbv	
52) Tetrachloroethene	10.625	164	2236m	0.026	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.043	83	3714m	0.027	ppbv	

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

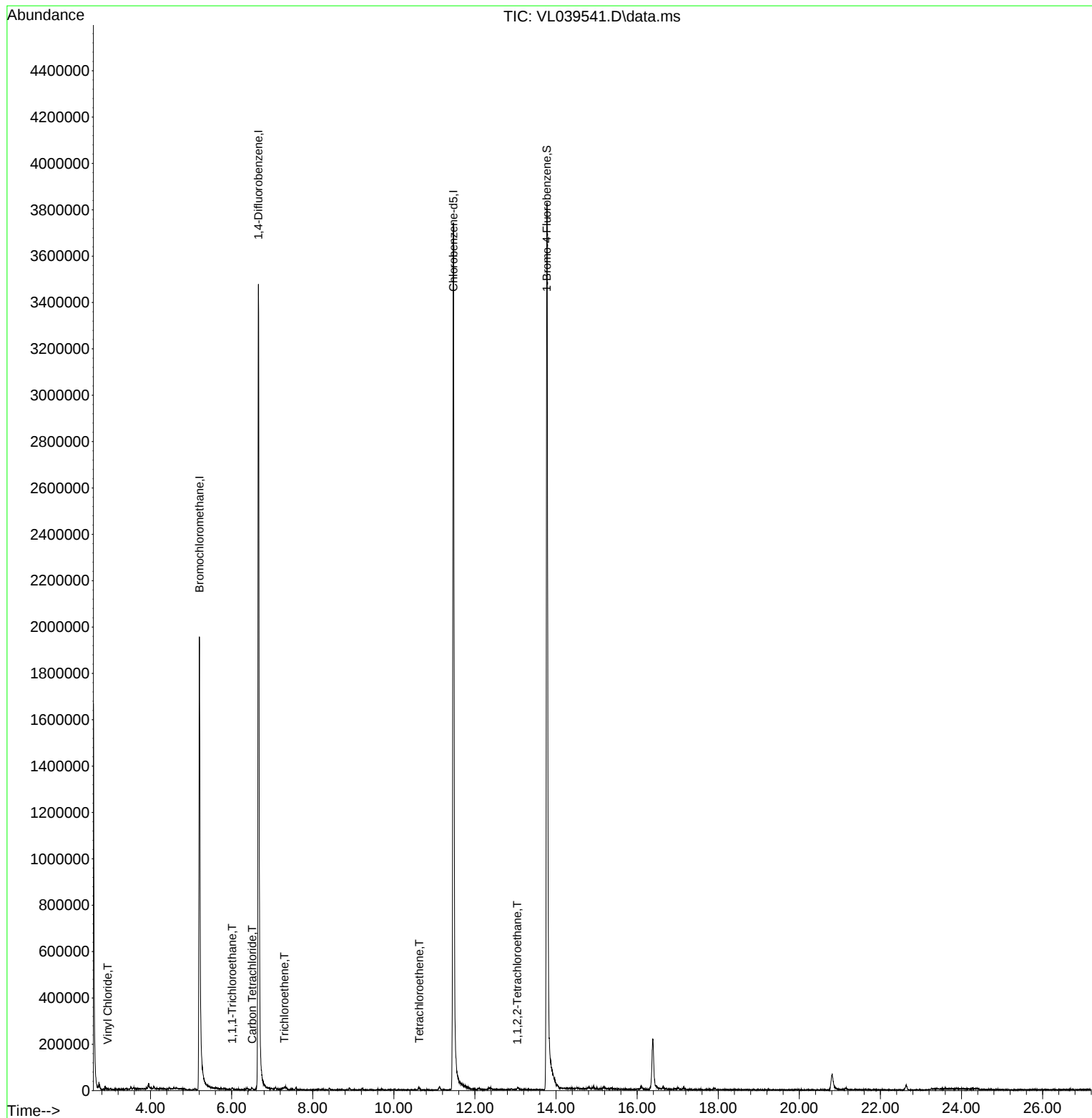
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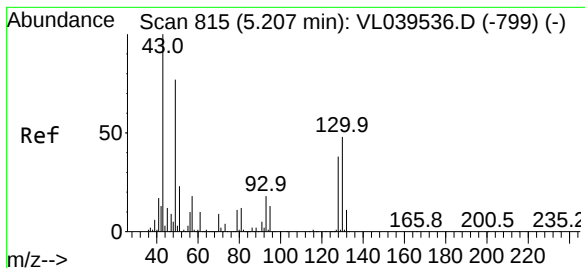
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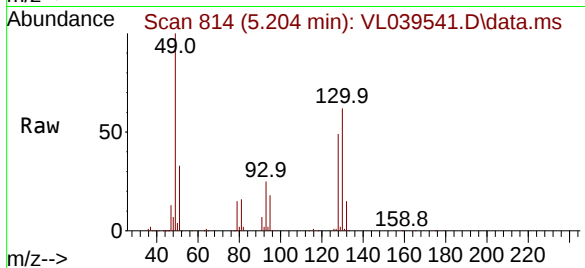
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.204 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

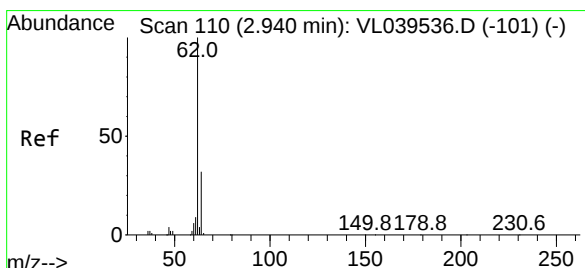
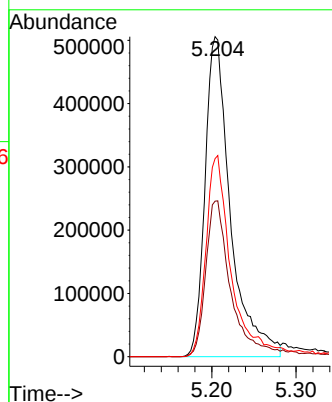
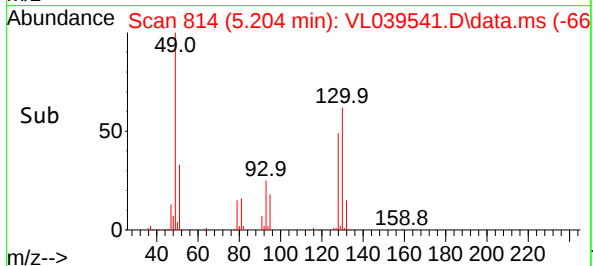
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 106489
Ion Ratio Lower Upper
49 100
128 49.9 25.7 77.0
130 64.9 31.6 95.0

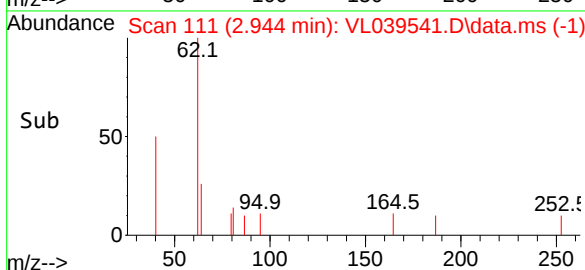
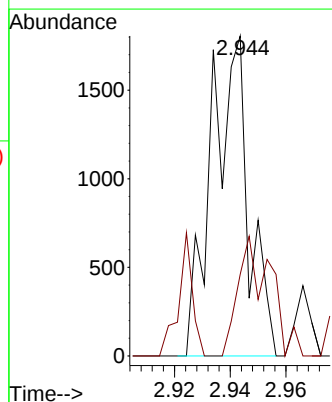
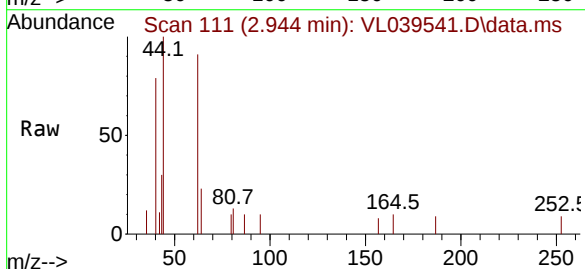
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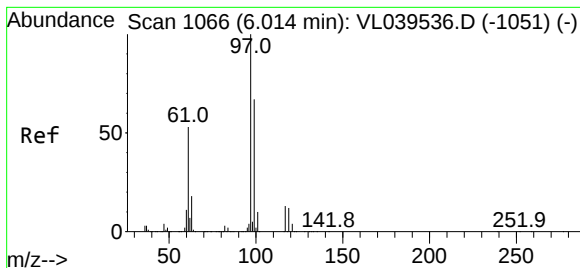
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#5
Vinyl Chloride
Concen: 0.023 ppbv m
RT: 2.944 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 62 Resp: 1664
Ion Ratio Lower Upper
62 100
64 25.5 25.5 38.3





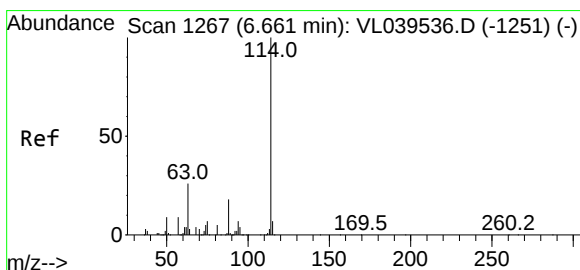
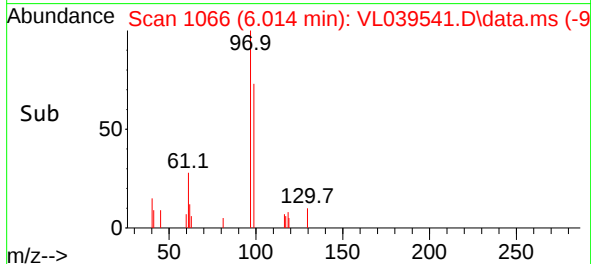
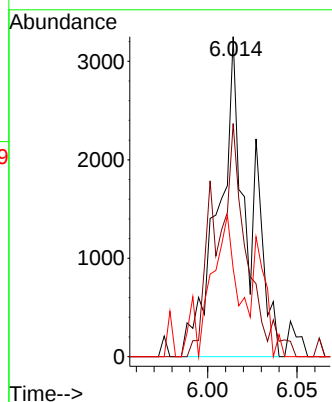
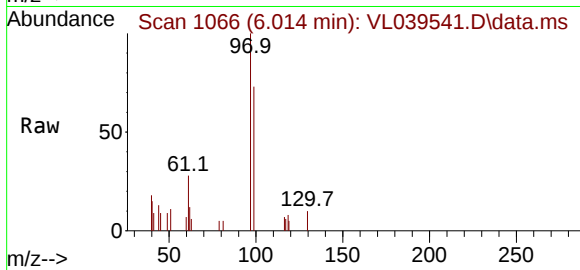
#32
1,1,1-Trichloroethane
Concen: 0.021 ppbv m
RT: 6.014 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	75.8	52.4	78.6
61	59.4	42.9	64.3

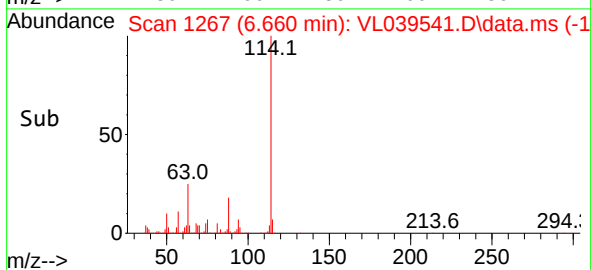
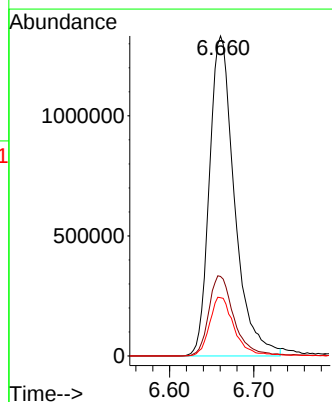
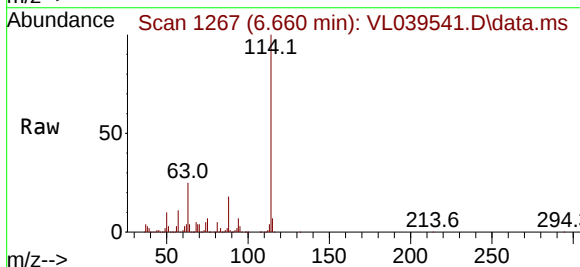
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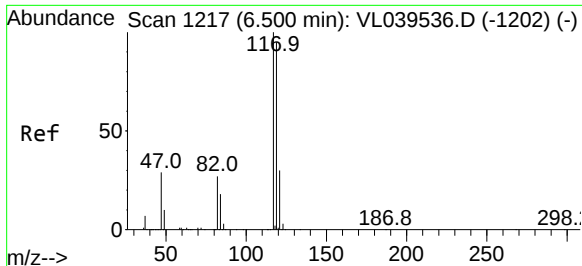
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.660 min Scan# 1267
Delta R.T. -0.000 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.6	31.0
88	18.4	14.6	22.0





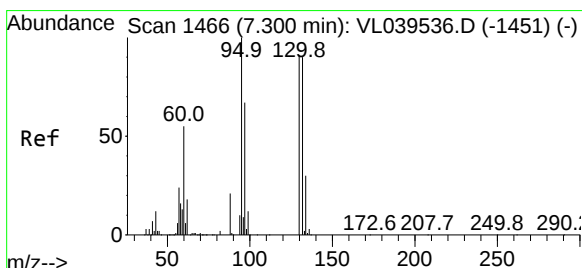
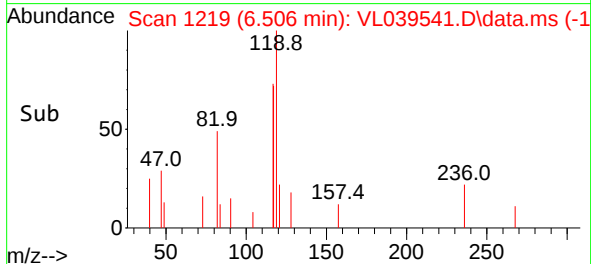
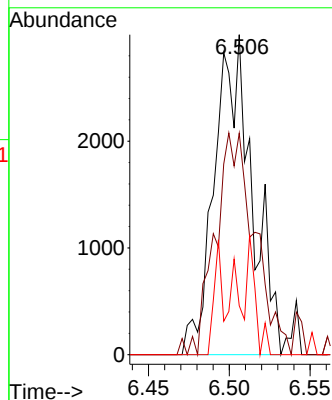
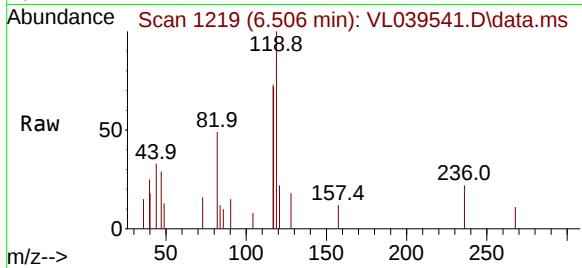
#35
Carbon Tetrachloride
Concen: 0.029 ppbv m
RT: 6.506 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion:117 Resp: 481
Ion Ratio Lower Upper
117 100
119 137.9 76.2 114.4
121 30.5 24.4 36.6

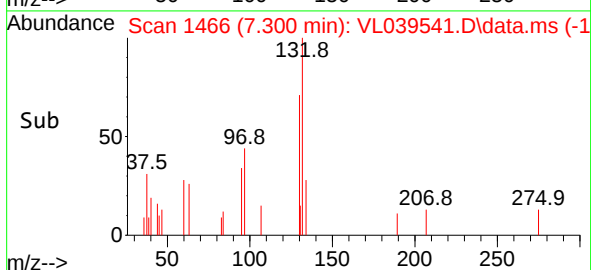
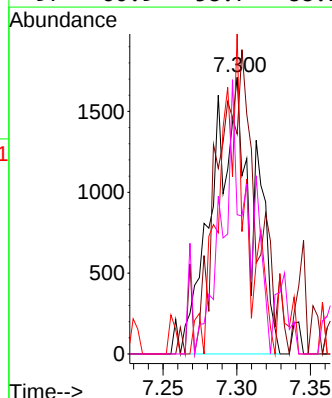
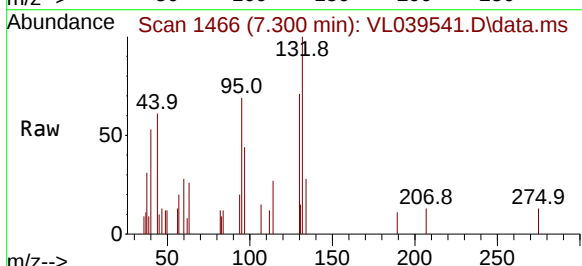
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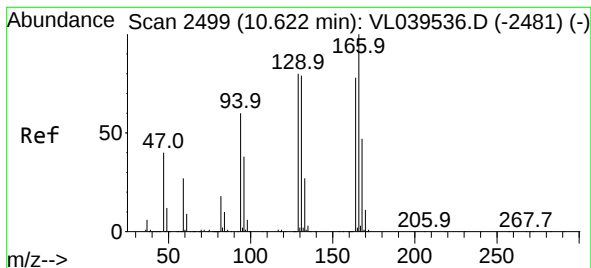
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#38
Trichloroethene
Concen: 0.029 ppbv m
RT: 7.300 min Scan# 1466
Delta R.T. -0.000 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:130 Resp: 3308
Ion Ratio Lower Upper
130 100
95 96.2 88.0 132.0
132 140.1 79.1 118.7
97 60.9 58.7 88.1





#52

Tetrachloroethene

Concen: 0.026 ppbv m

RT: 10.625 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VL039541.D

Acq: 17 Aug 2022 6:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

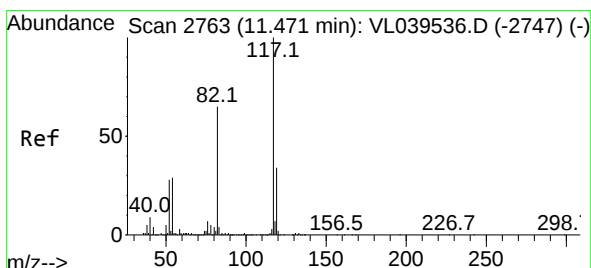
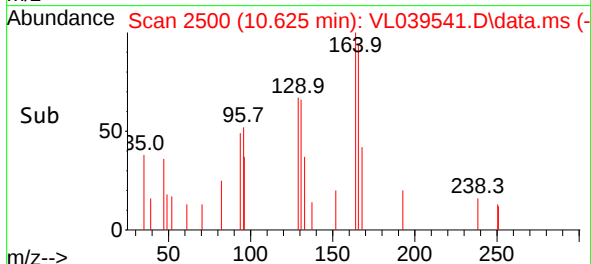
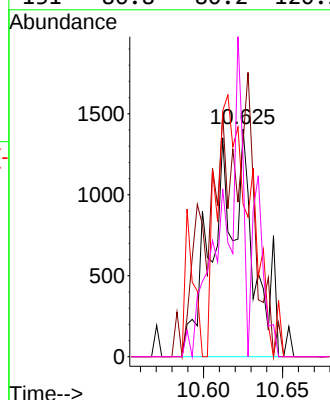
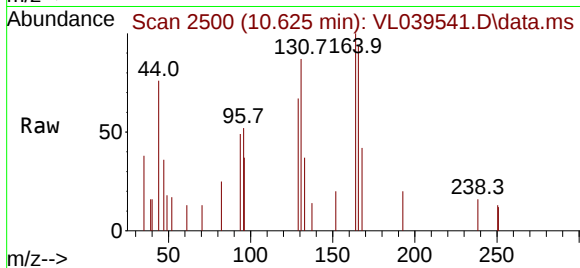
Tgt Ion:164 Resp: 2230

Ion	Ratio	Lower	Upper
164	100		
166	94.2	102.0	153.0
129	67.0	81.7	122.5
131	86.8	80.2	120.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2763

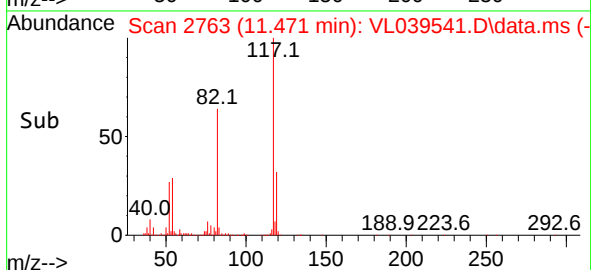
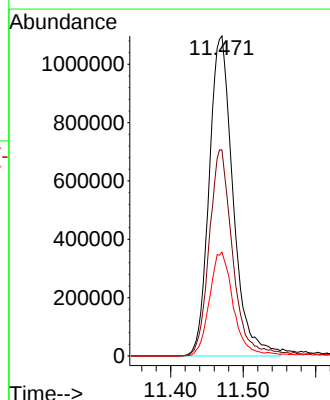
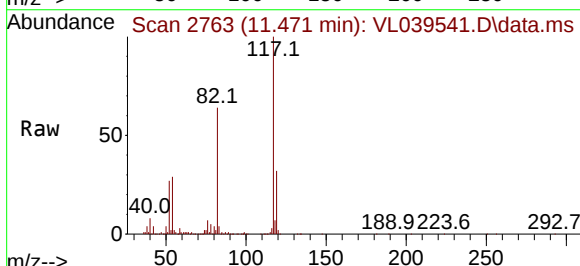
Delta R.T. -0.000 min

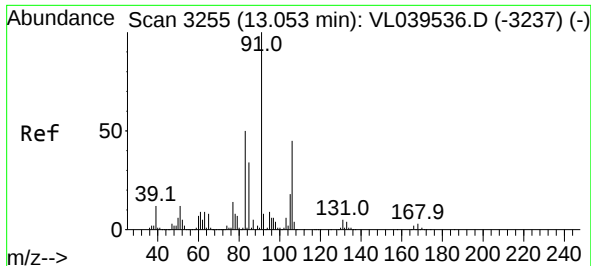
Lab File: VL039541.D

Acq: 17 Aug 2022 6:51

Tgt Ion:117 Resp: 2519919

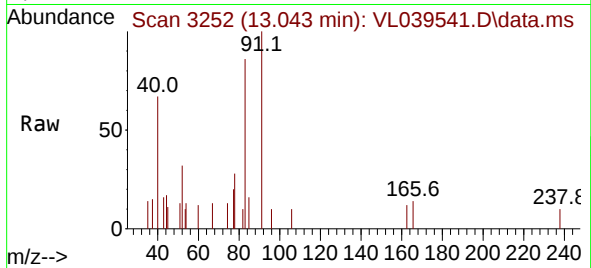
Ion	Ratio	Lower	Upper
117	100		
82	64.4	49.1	73.7
119	33.3	25.9	38.9





#63
1,1,2-Tetrachloroethane
Concen: 0.027 ppbv m
RT: 13.043 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

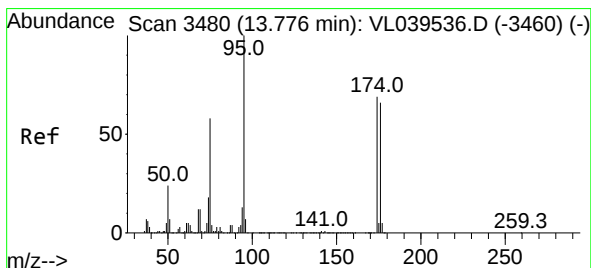
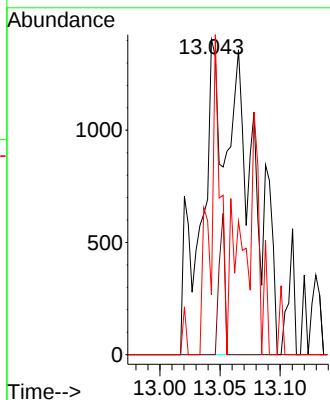
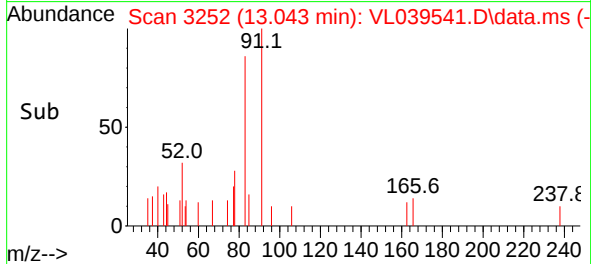
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 83 Resp: 3714
Ion Ratio Lower Upper
83 100
131 5.4 4.9 14.7
85 51.8 33.2 99.6

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.165 ppbv
RT: 13.776 min Scan# 3480
Delta R.T. -0.000 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 95 Resp: 1901927
Ion Ratio Lower Upper
95 100
174 72.9 56.3 84.5
175 5.4 4.3 6.5

