

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040511.D
 Acq On : 10 Jul 2023 15:11
 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 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:41:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 11 10:04:09 2023
 QLast Update : Mon Jul 10 14:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1006457	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2514351	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2157122	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1756659	9.867	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.931	62	1947m	0.031	ppbv	
32) 1,1,1-Trichloroethane	6.015	97	4888m	0.028	ppbv	
35) Carbon Tetrachloride	6.507	117	3901m	0.023	ppbv	
38) Trichloroethene	7.307	130	1883m	0.025	ppbv	
52) Tetrachloroethene	10.626	164	1535m	0.024	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	4141m	0.028	ppbv	

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

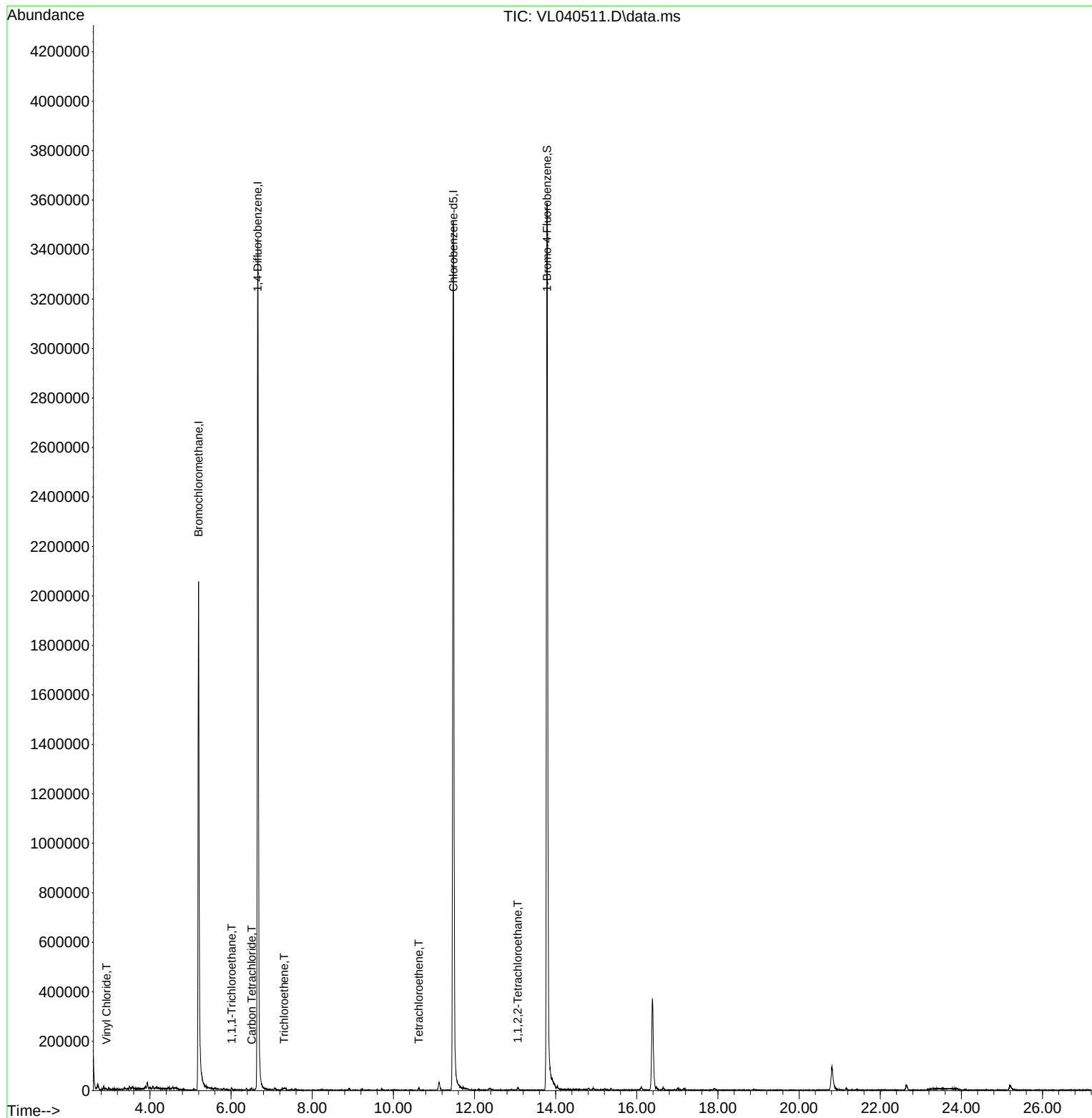
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
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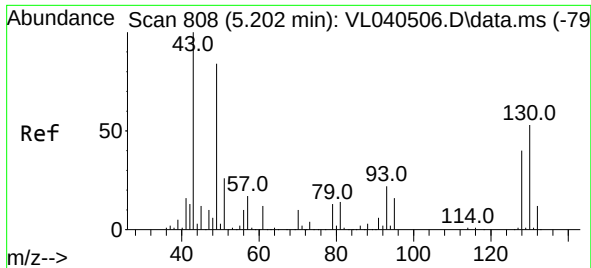
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ClientSampleId :
VSTDICC0.03

Quant Time: Jul 10 15:41:06 2023
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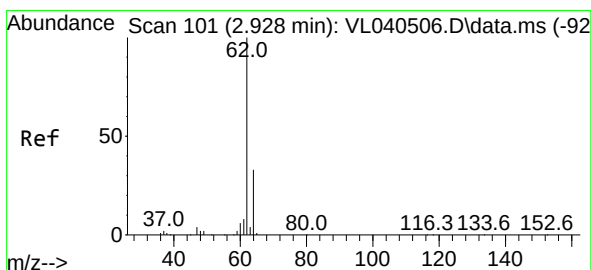
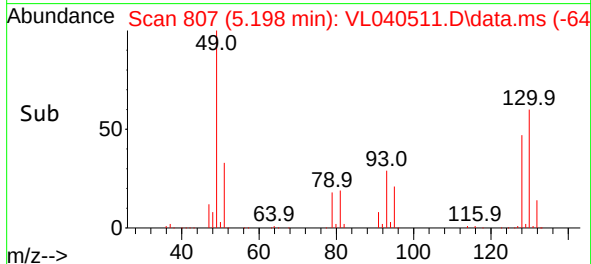
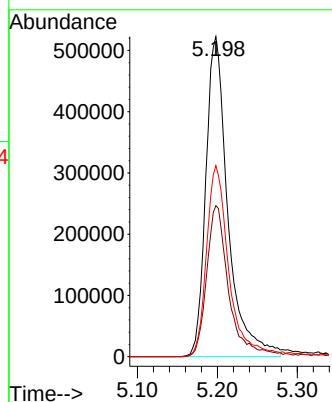
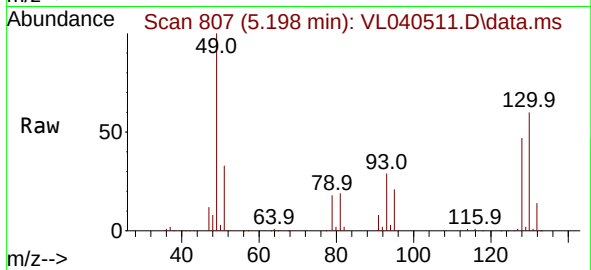
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 49 Resp: 100645
Ion Ratio Lower Upper
49 100
128 48.6 24.7 74.1
130 61.5 31.4 94.2

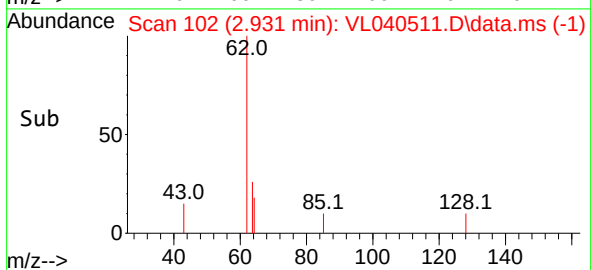
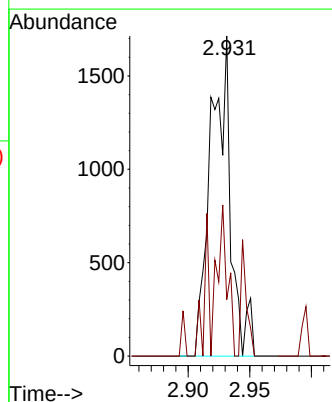
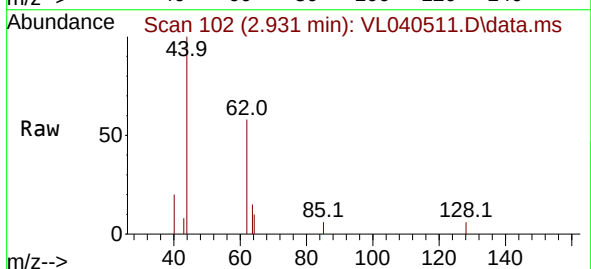
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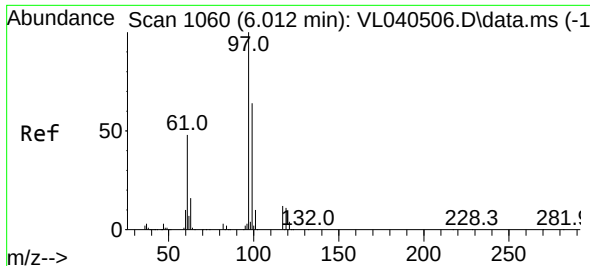
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Supervised By :Mahesh Dadoda 07/11/2023



#5
Vinyl Chloride
Concen: 0.031 ppbv m
RT: 2.931 min Scan# 102
Delta R.T. 0.026 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion: 62 Resp: 1947
Ion Ratio Lower Upper
62 100
64 17.6 26.8 40.2#





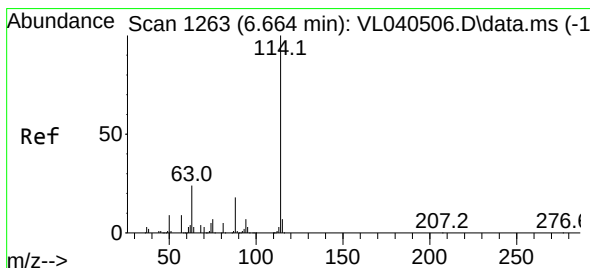
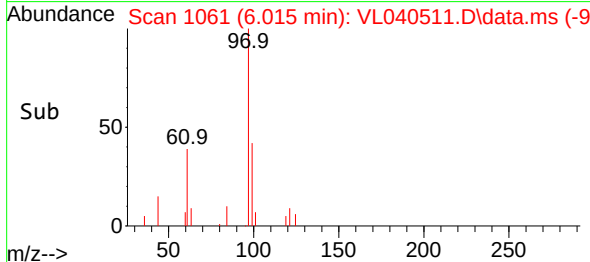
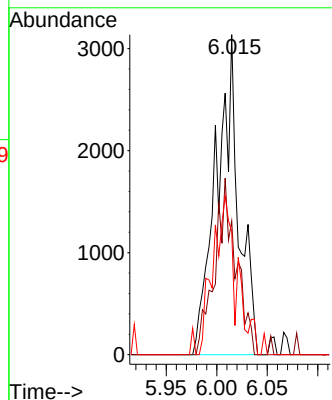
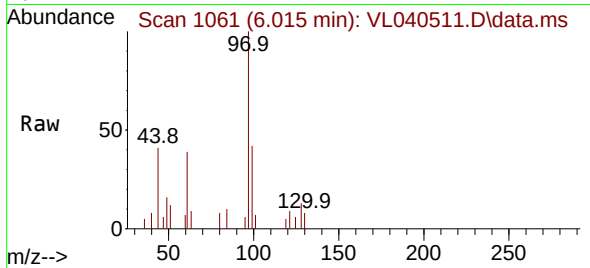
#32
1,1,1-Trichloroethane
Concen: 0.028 ppbv m
RT: 6.015 min Scan# 1060
Delta R.T. 0.013 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 488
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3
61 0.0 39.7 59.5

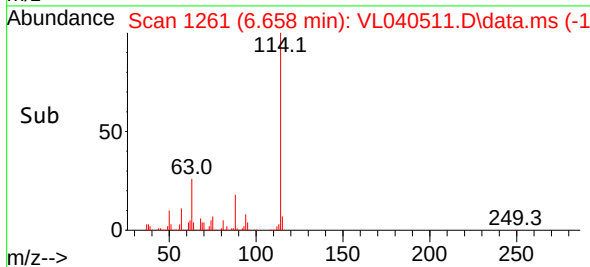
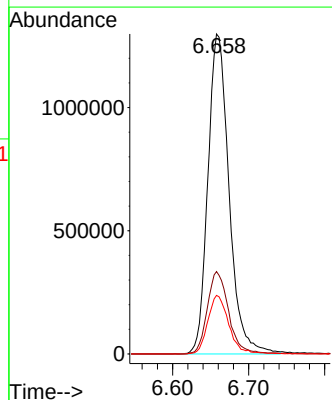
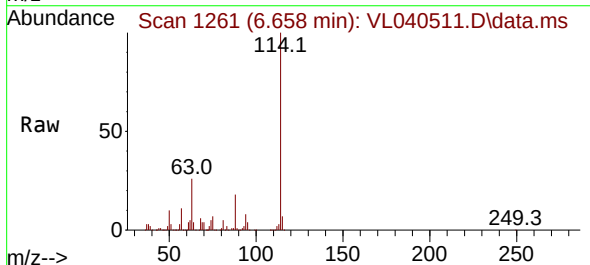
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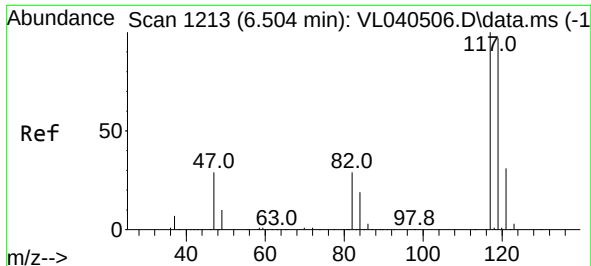
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Supervised By :Mahesh Dadoda 07/11/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion:114 Resp: 2514351
Ion Ratio Lower Upper
114 100
63 26.1 21.0 31.6
88 18.2 14.5 21.7





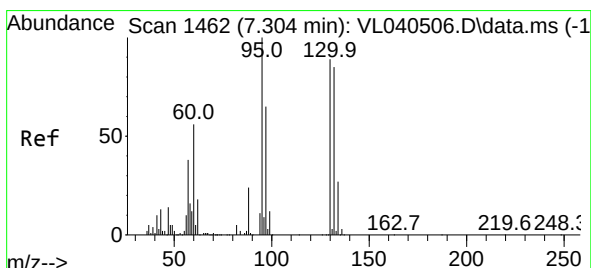
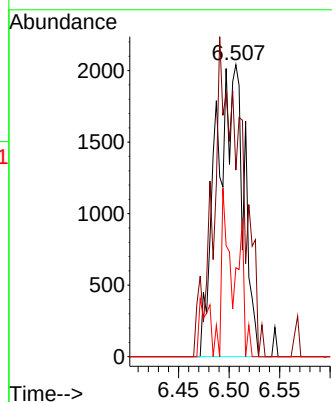
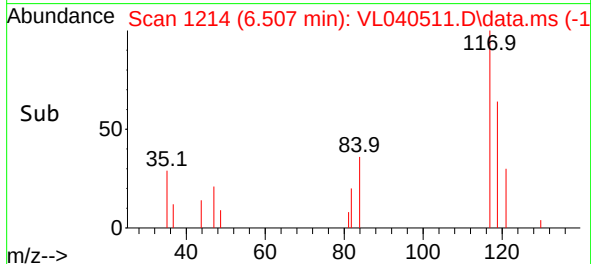
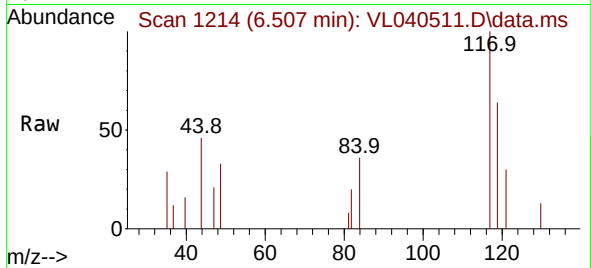
#35
Carbon Tetrachloride
Concen: 0.023 ppbv m
RT: 6.507 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 390
Ion Ratio Lower Upper
117 100
119 63.9 79.1 118.7
121 30.5 26.0 39.0

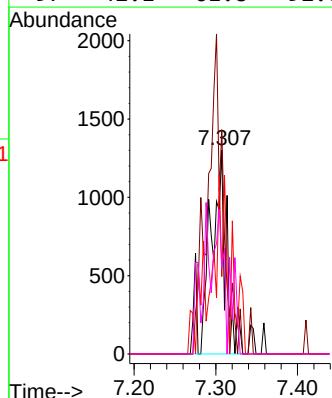
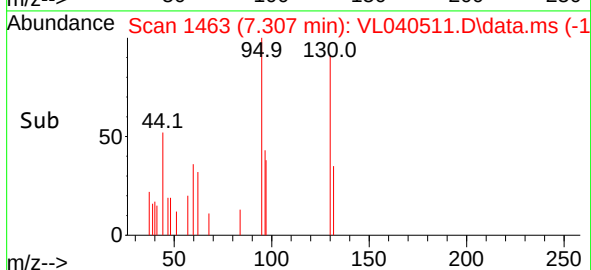
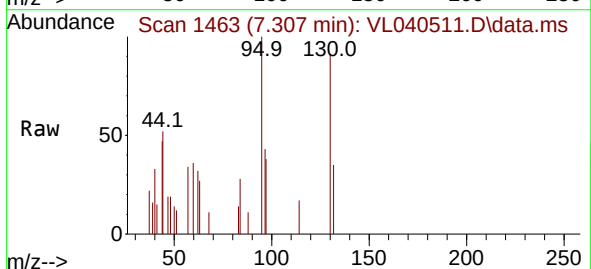
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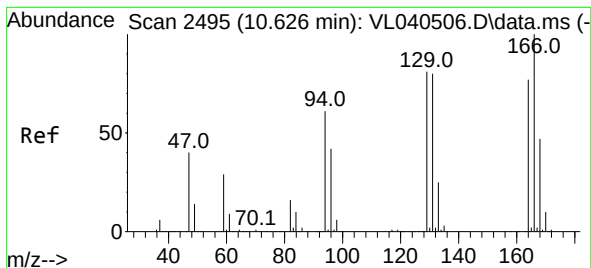
Reviewed By :Semsettin Yesilyurt 07/11/2023
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#38
Trichloroethene
Concen: 0.025 ppbv m
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

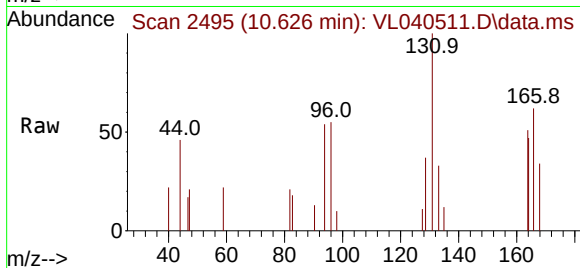
Tgt Ion:130 Resp: 1883
Ion Ratio Lower Upper
130 100
95 109.9 95.4 143.0
132 38.0 76.3 114.5#
97 42.1 61.8 92.6#





#52
Tetrachloroethene
Concen: 0.024 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

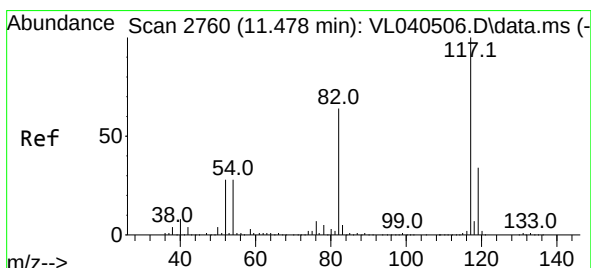
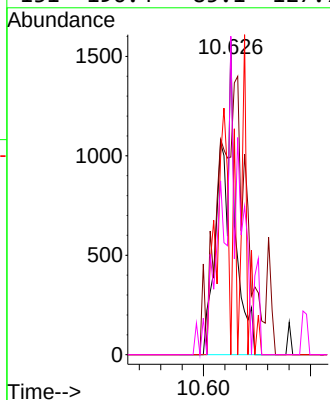
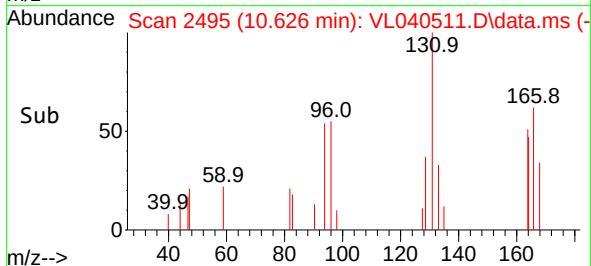
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 1538
Ion Ratio Lower Upper
164 100
166 122.0 102.7 154.1
129 0.0 84.6 126.8
131 196.4 85.1 127.7#

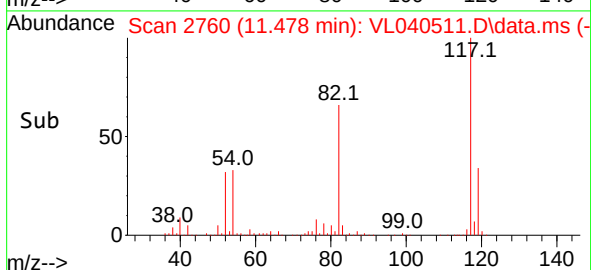
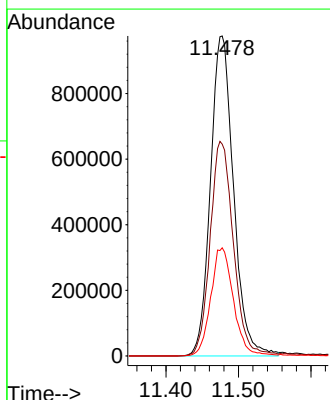
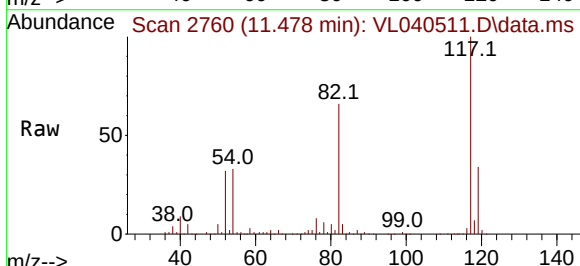
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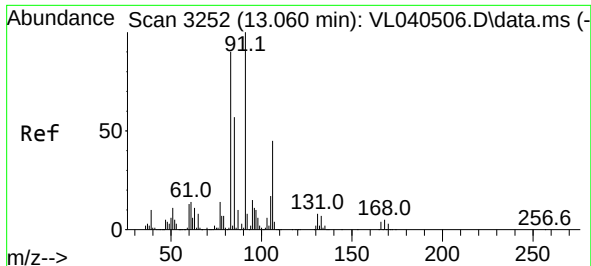
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion:117 Resp: 2157122
Ion Ratio Lower Upper
117 100
82 68.6 53.0 79.4
119 33.8 24.4 36.6





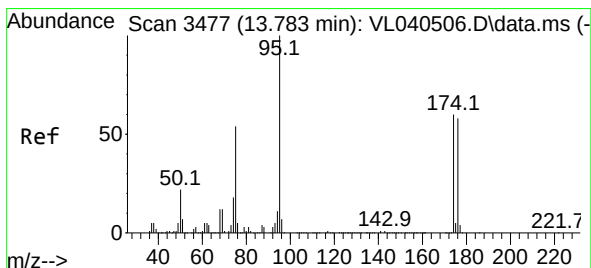
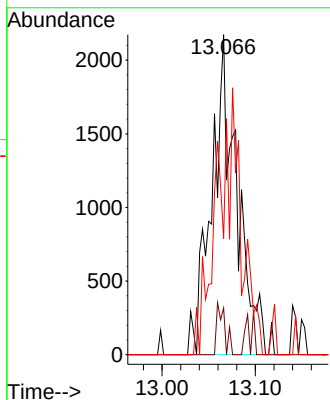
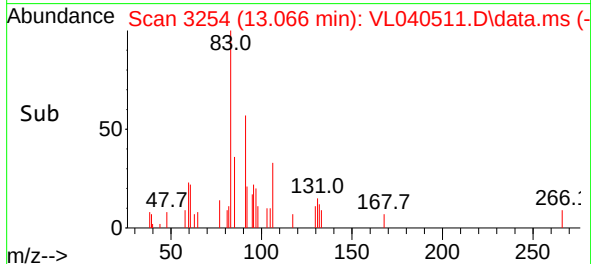
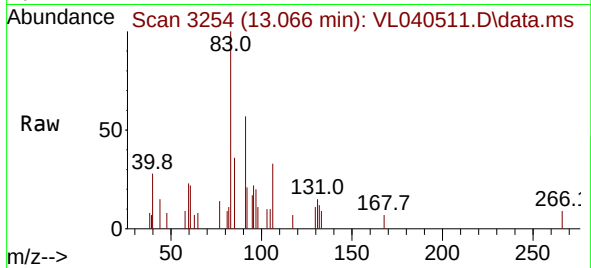
#63
1,1,2,2-Tetrachloroethane
Concen: 0.028 ppbv m
RT: 13.066 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 83 Resp: 414
Ion Ratio Lower Upper
83 100
131 5.1 4.5 13.7
85 0.0 33.0 99.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.867 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.003 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion: 95 Resp: 1756659
Ion Ratio Lower Upper
95 100
174 61.7 47.7 71.5
175 4.3 3.5 5.3

