

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041597.D
 Acq On : 16 Sep 2024 16:38
 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 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 05:05:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Tue Sep 17 04:57:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1115440	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3030679	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2692276	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1983531	9.951	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.906	62	1537m	0.024	ppbv	
32) 1,1,1-Trichloroethane	5.976	97	3900m	0.026	ppbv	
35) Carbon Tetrachloride	6.475	117	3299m	0.023	ppbv	
38) Trichloroethene	7.269	130	3158m	0.029	ppbv	
52) Tetrachloroethene	10.581	164	1981m	0.026	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	3376m	0.027	ppbv	

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

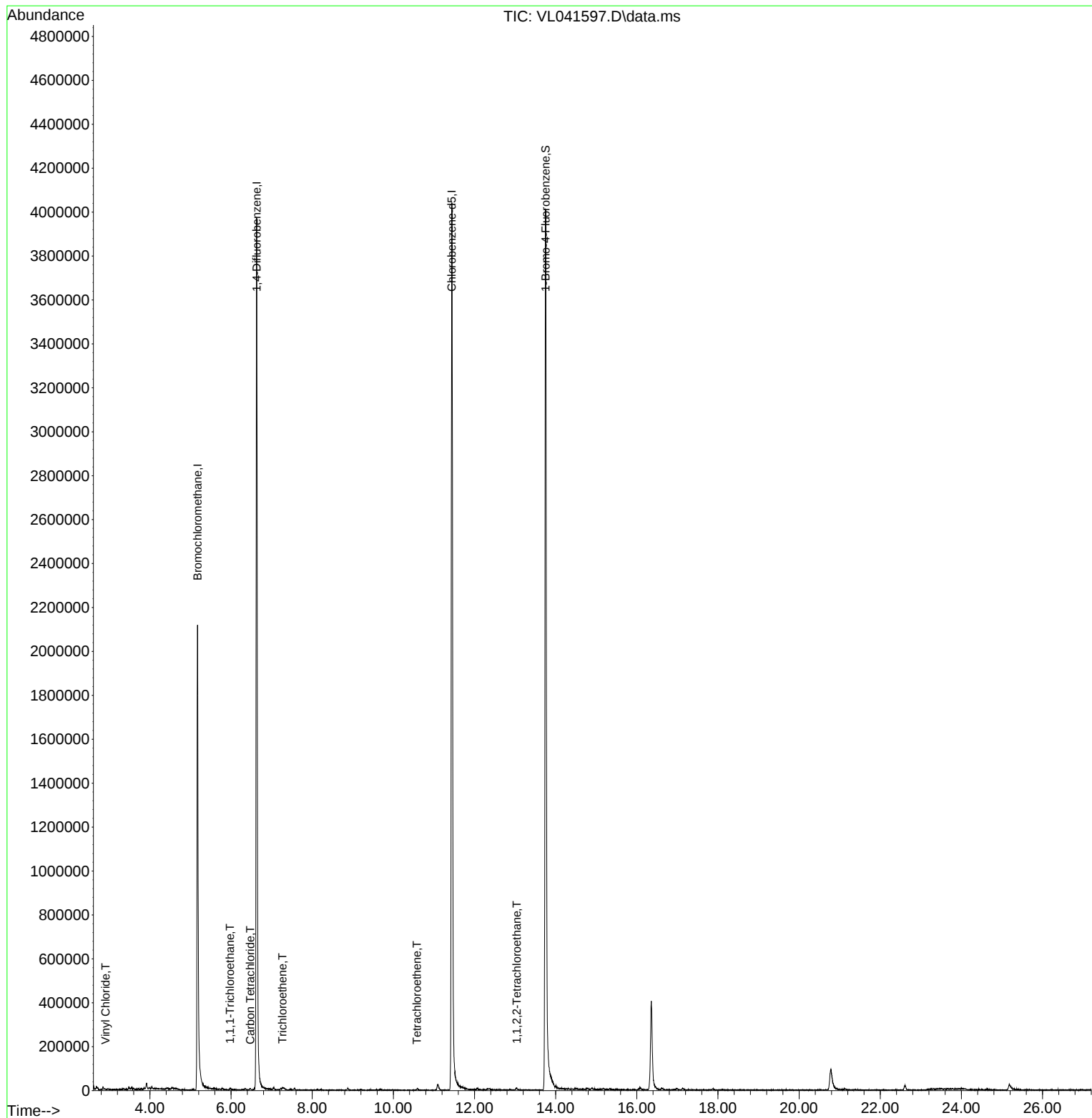
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
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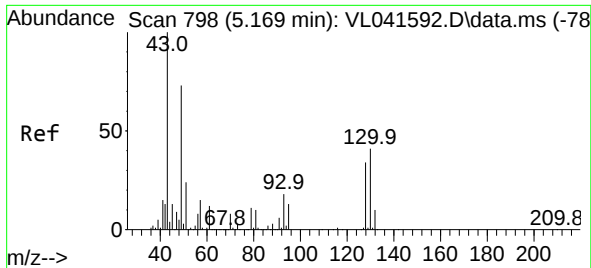
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Sep 17 05:05:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
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QLast Update : Tue Sep 17 04:57:28 2024
Response via : Initial Calibration

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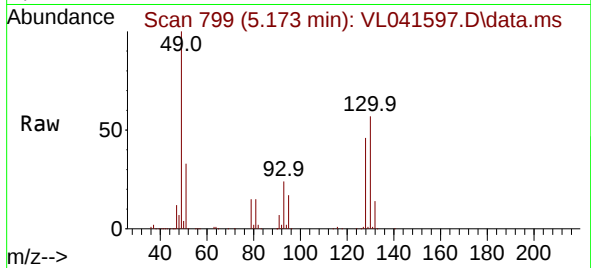
Reviewed By : Semsettin Yesilyurt 09/17/2024
Supervised By : Mahesh Dadoda 09/17/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

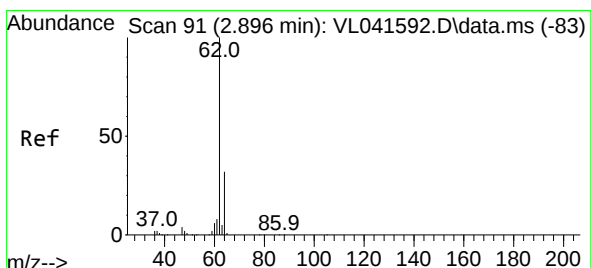
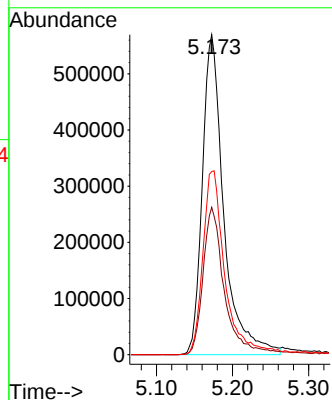
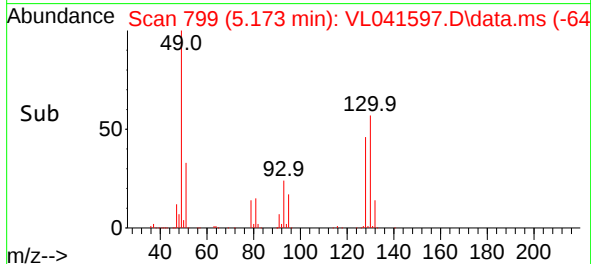
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 1115440
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.5
130 59.4 30.4 91.3

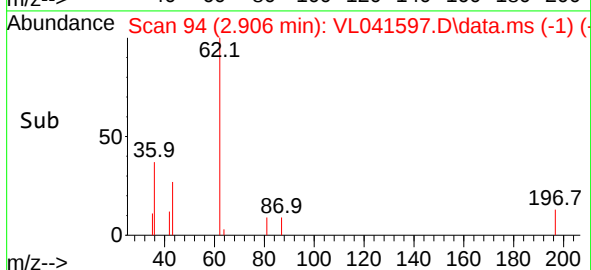
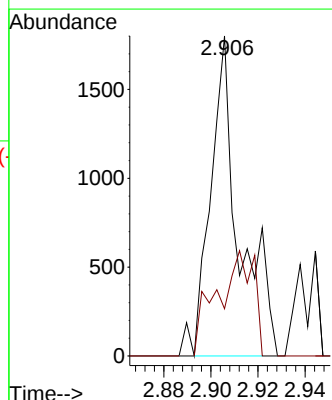
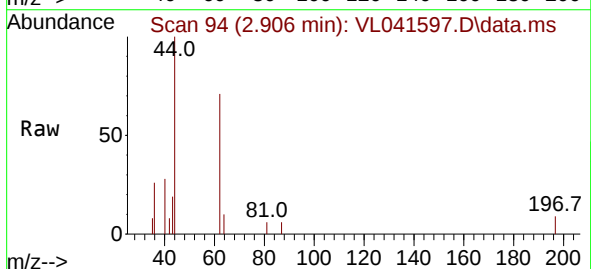
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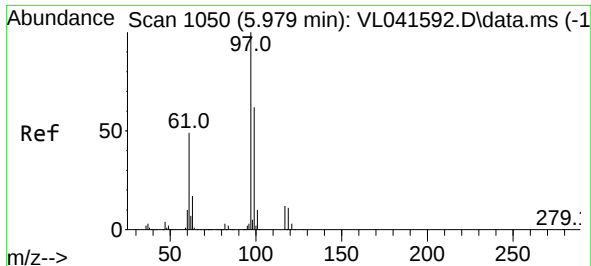
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#5
Vinyl Chloride
Concen: 0.024 ppbv m
RT: 2.906 min Scan# 94
Delta R.T. 0.010 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 62 Resp: 1537
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#





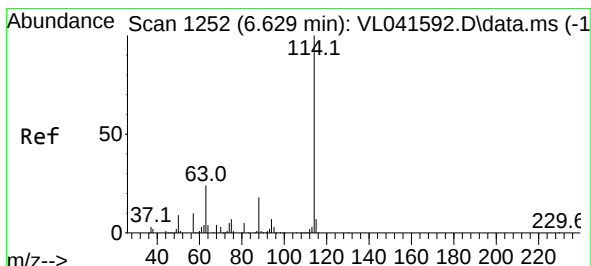
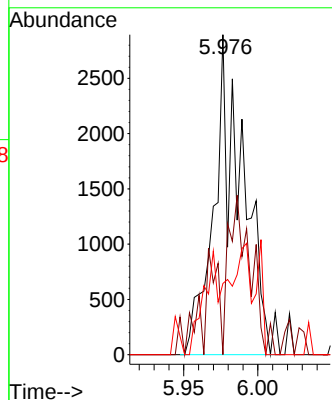
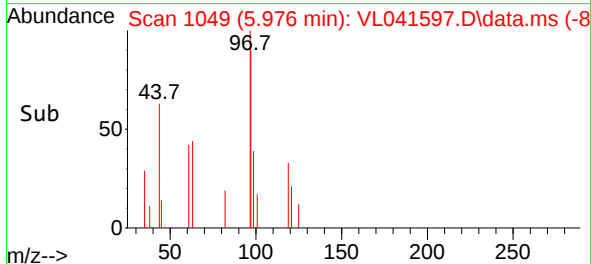
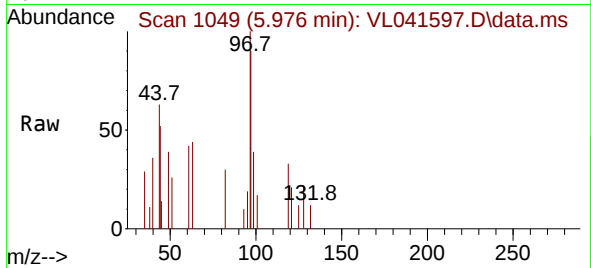
#32
1,1,1-Trichloroethane
Concen: 0.026 ppbv m
RT: 5.976 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 3900
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4
61 0.0 41.0 61.6

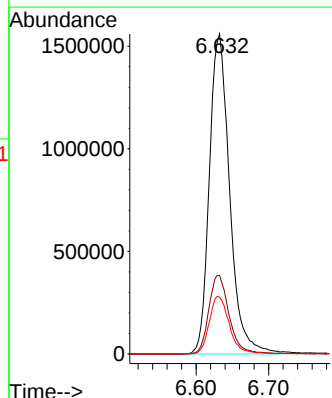
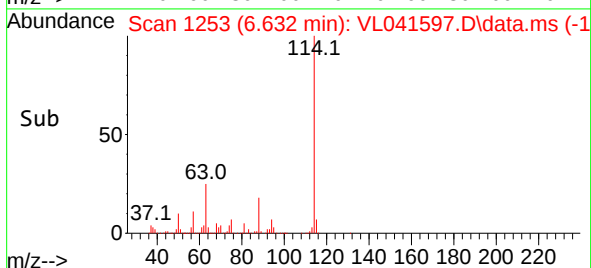
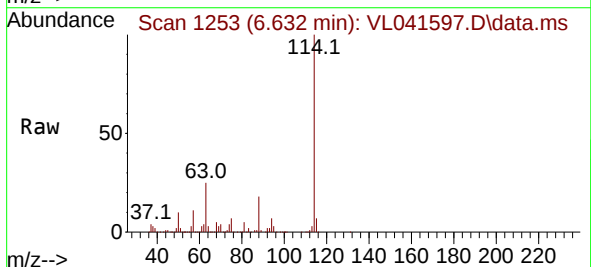
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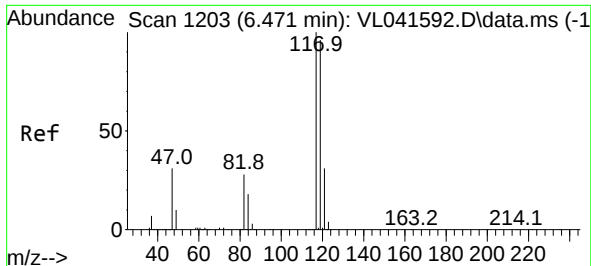
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

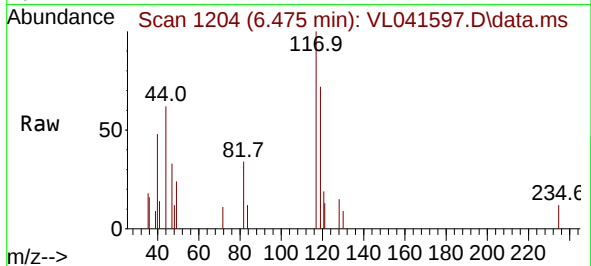
Tgt Ion:114 Resp: 3030679
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.2
88 18.0 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.023 ppbv m
RT: 6.475 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

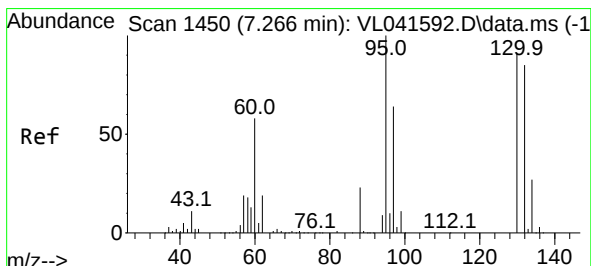
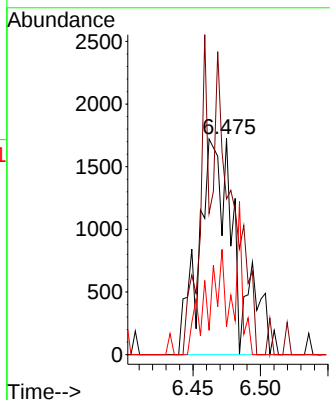
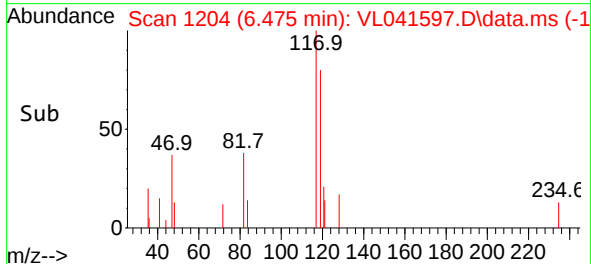
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



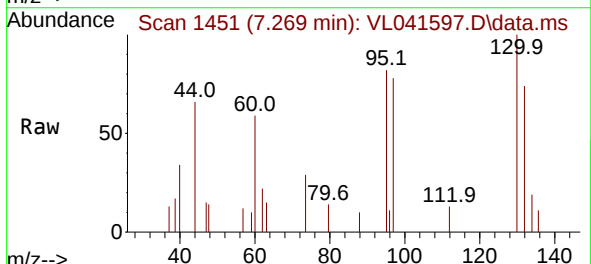
Tgt Ion:117 Resp: 3299
Ion Ratio Lower Upper
117 100
119 72.0 76.8 115.2#
121 12.9 25.0 37.6#

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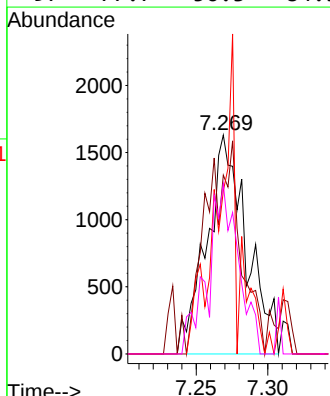
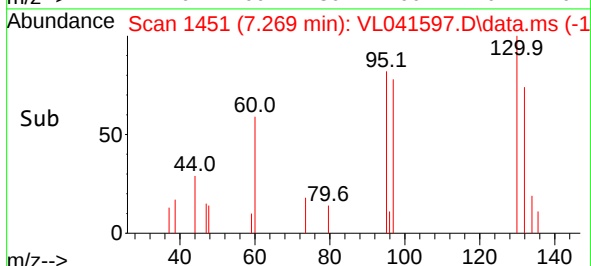
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

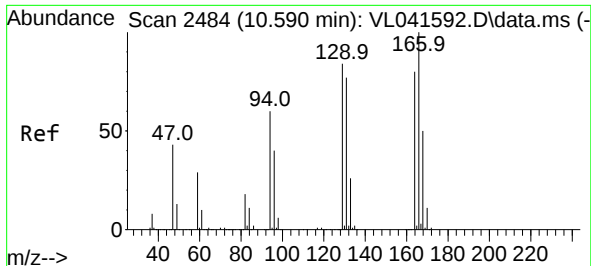


#38
Trichloroethene
Concen: 0.029 ppbv m
RT: 7.269 min Scan# 1451
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38



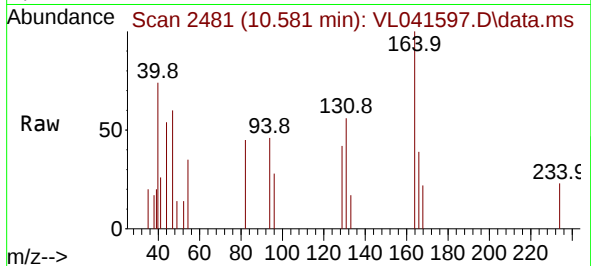
Tgt Ion:130 Resp: 3158
Ion Ratio Lower Upper
130 100
95 81.7 87.7 131.5#
132 74.4 74.5 111.7#
97 77.7 56.3 84.5





#52
Tetrachloroethene
Concen: 0.026 ppbv m
RT: 10.581 min Scan# 2484
Delta R.T. -0.009 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

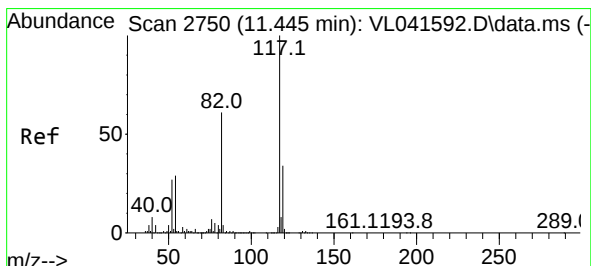
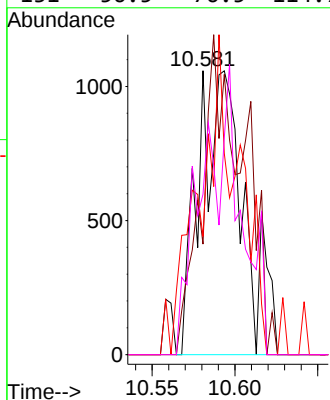
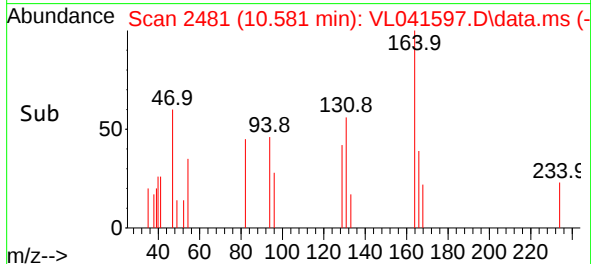
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 198
Ion Ratio Lower Upper
164 100
166 38.9 99.4 149.2
129 41.6 83.5 125.3
131 56.5 76.5 114.7

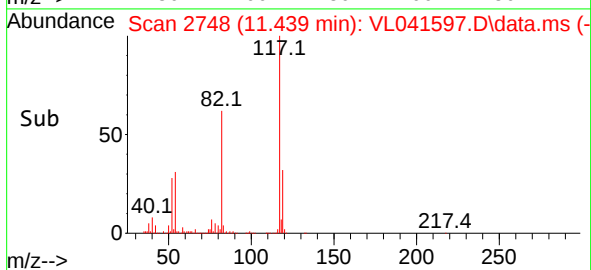
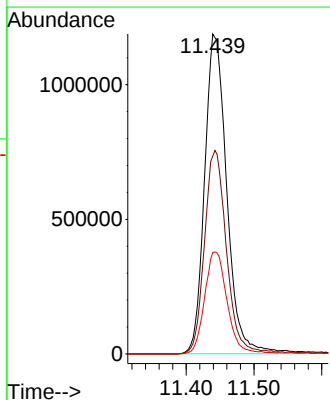
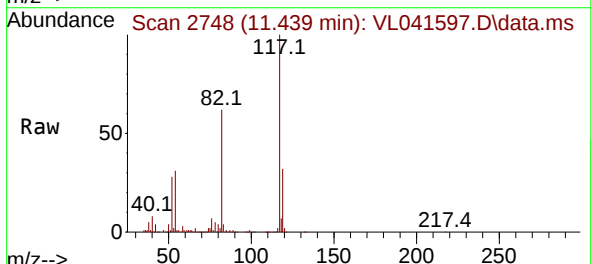
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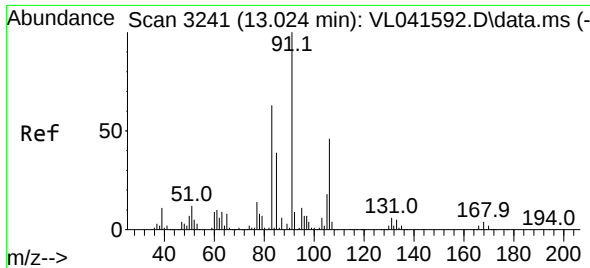
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Supervised By :Mahesh Dadoda 09/17/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.006 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

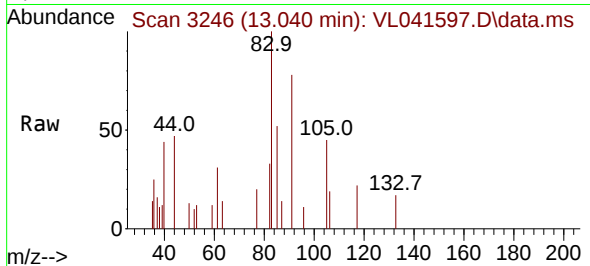
Tgt Ion:117 Resp: 2692276
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 32.8 24.4 36.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.027 ppbv m
RT: 13.040 min Scan# 3241
Delta R.T. 0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

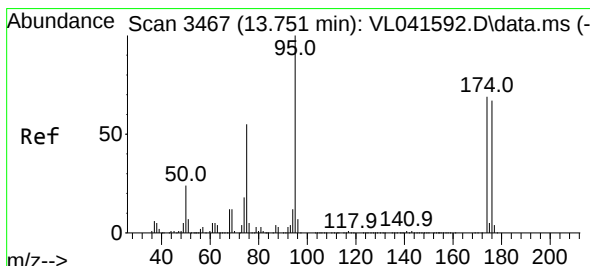
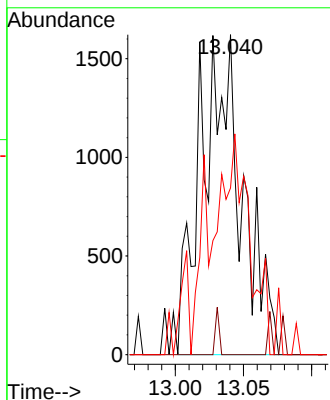
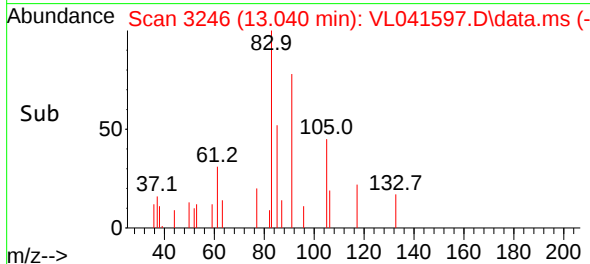
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 83 Resp: 3370
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 32.5 97.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.951 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 95 Resp: 1983531
Ion Ratio Lower Upper
95 100
174 71.3 55.8 83.8
175 5.2 4.1 6.1

