

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037762.D
 Acq On : 4 Oct 2021 15:20
 Operator : SY/AP
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

Quant Time: Oct 04 17:31:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 04 17:31:37 2021
 QLast Update : Mon Oct 04 12:52:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1422846	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	4122795	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	3482125	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2348991	9.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.30%
Target Compounds						
						Qvalue
5) Vinyl Chloride	3.256	62	8375m	0.09	ppbv	
32) 1,1,1-Trichloroethane	6.513	97	25449m	0.11	ppbv	
35) Carbon Tetrachloride	7.018	117	22231m	0.10	ppbv	
38) Trichloroethene	7.841	130	14177m	0.10	ppbv	
52) Tetrachloroethene	11.217	164	13437m	0.10	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.683	83	28469m	0.09	ppbv	

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

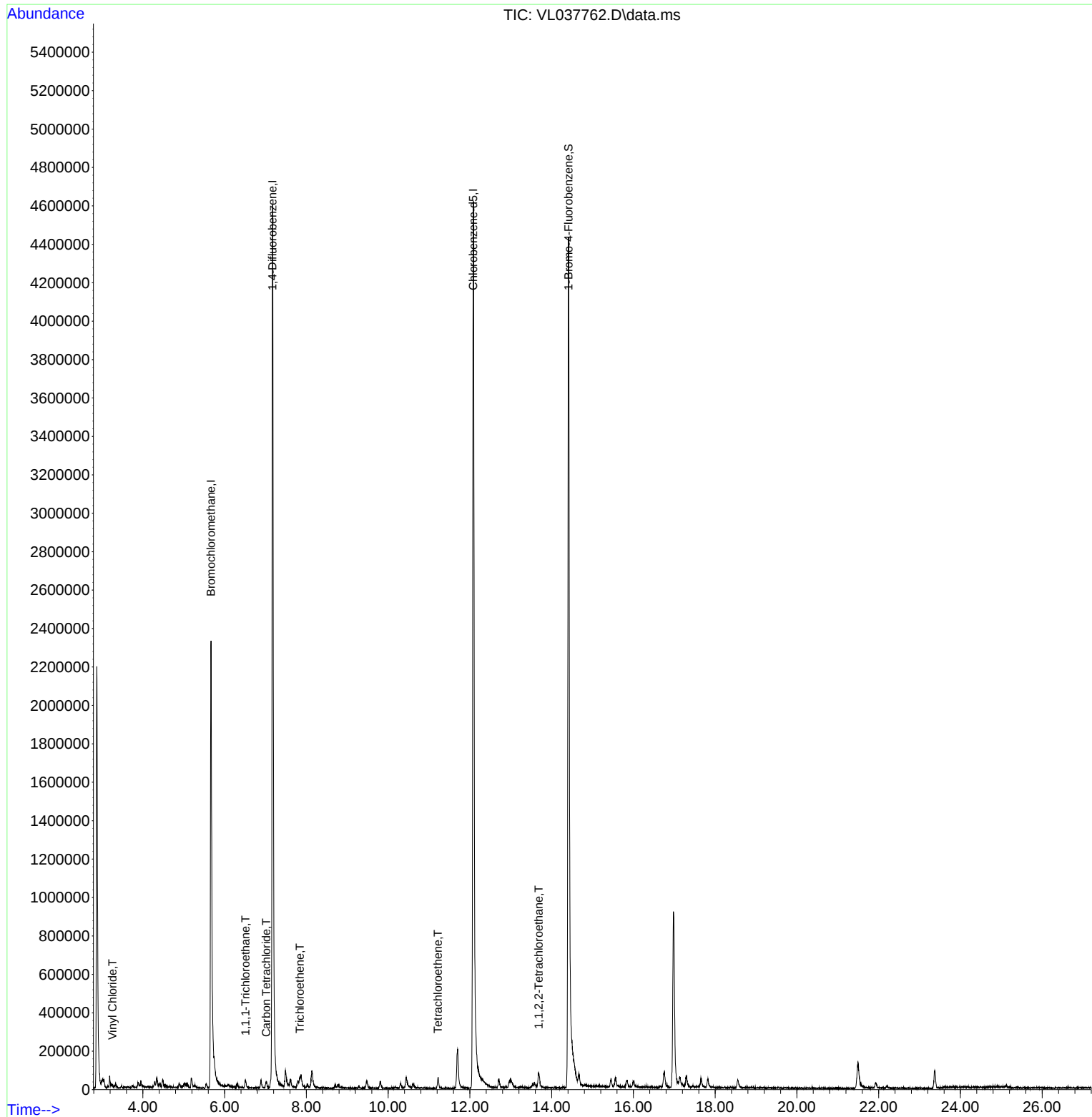
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Data File : VL037762.D
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Operator : SY/AP
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

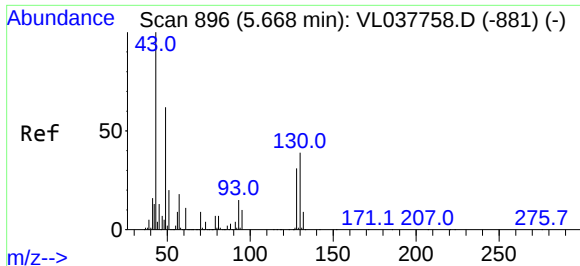
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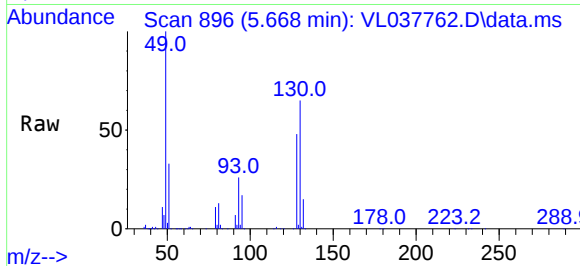
Quant Time: Oct 04 17:31:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.000 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

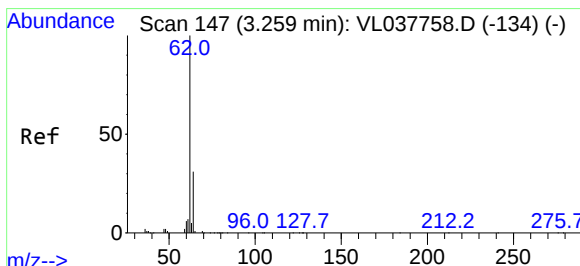
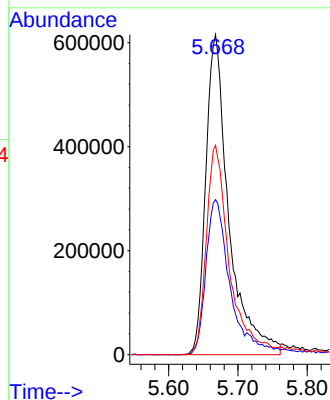
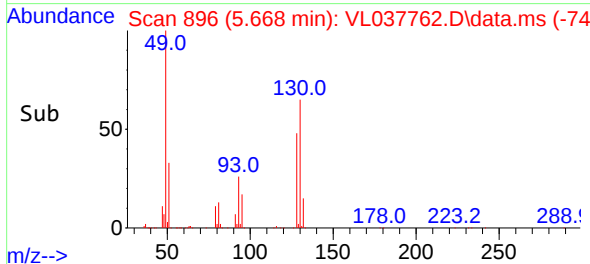
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 1422840
Ion Ratio Lower Upper
49 100
128 53.1 27.1 81.3
130 68.6 33.2 99.6

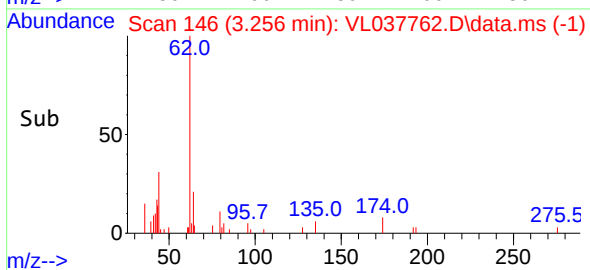
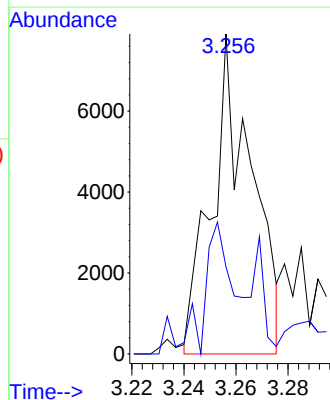
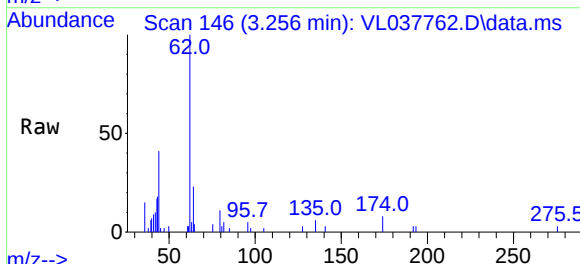
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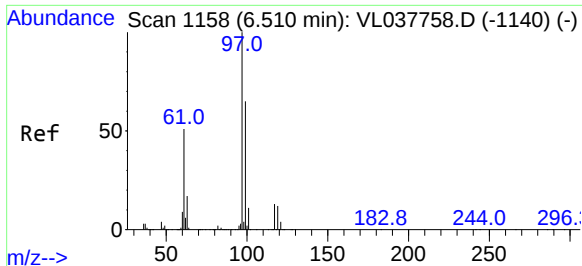
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#5
Vinyl Chloride
Concen: 0.09 ppbv m
RT: 3.256 min Scan# 146
Delta R.T. -0.003 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

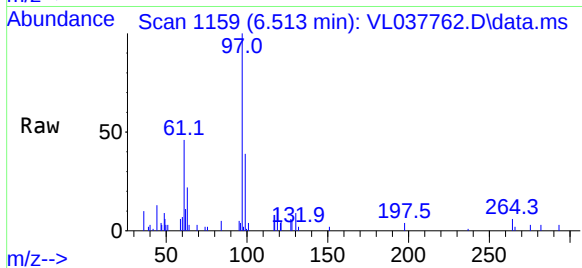
Tgt Ion: 62 Resp: 8375
Ion Ratio Lower Upper
62 100
64 23.1 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.11 ppbv
RT: 6.513 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

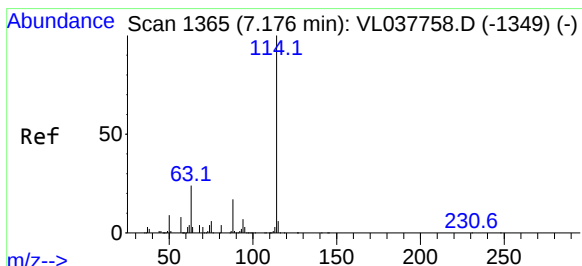
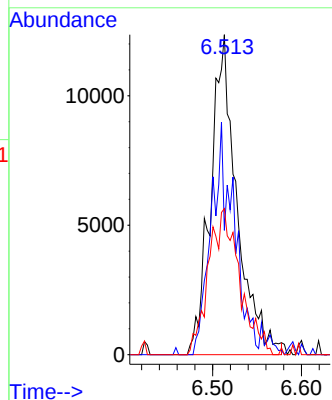
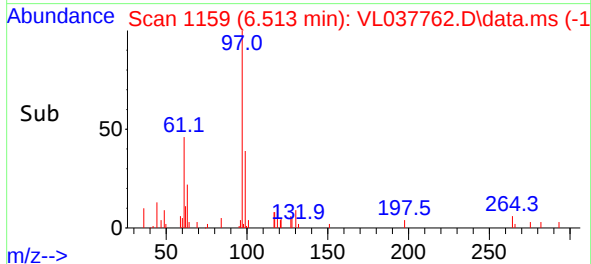
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 25449
Ion Ratio Lower Upper
97 100
99 67.4 52.6 78.8
61 54.2 40.2 60.4

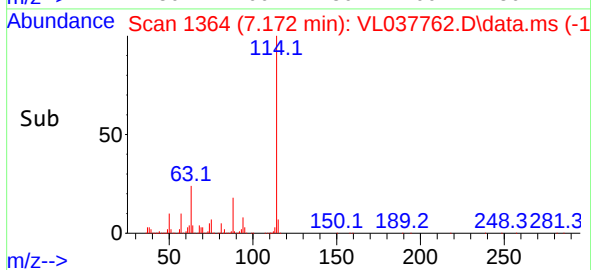
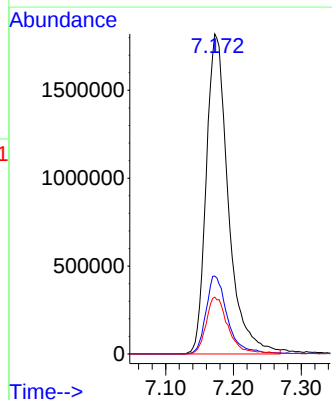
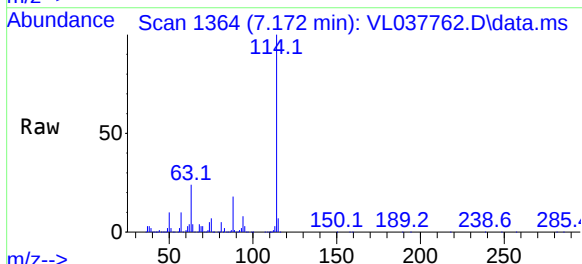
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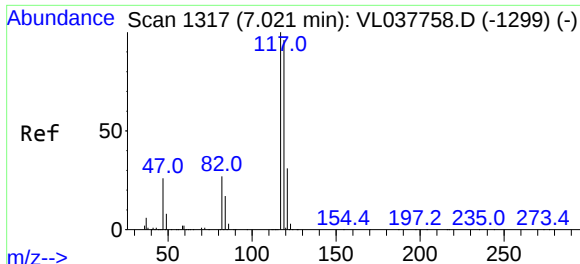
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.003 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

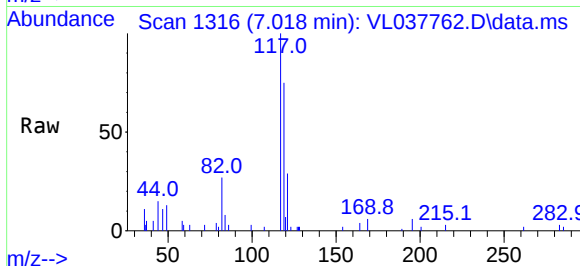
Tgt Ion:114 Resp: 4122795
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.2
88 17.8 14.4 21.6





#35
Carbon Tetrachloride
Concen: 0.10 ppbv m
RT: 7.018 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

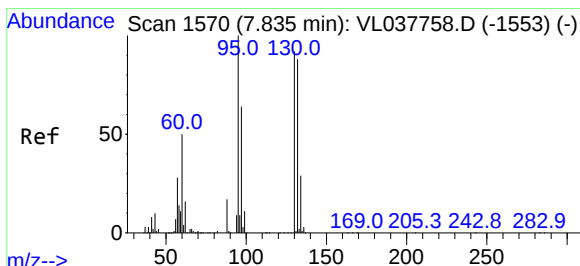
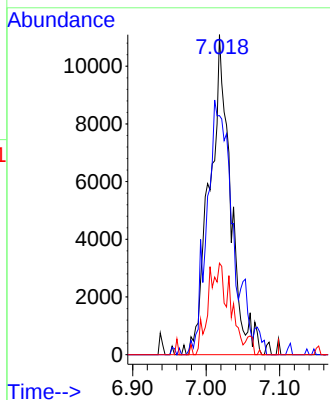
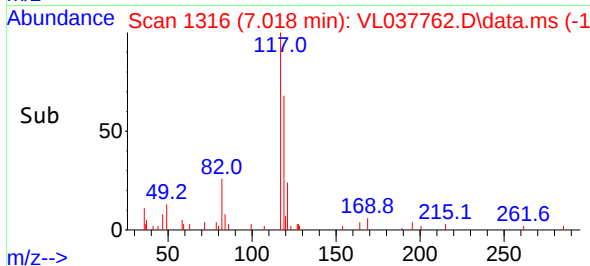
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 2223
Ion Ratio Lower Upper
117 100
119 74.7 76.5 114.7
121 28.6 24.9 37.3

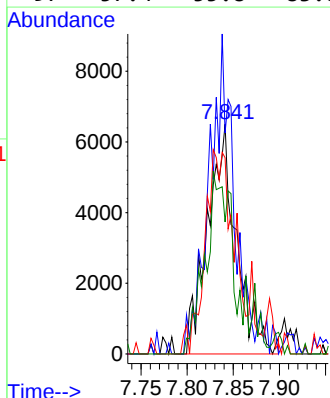
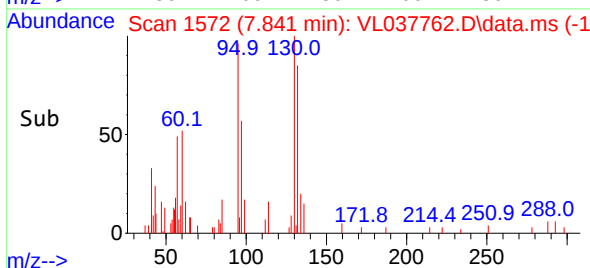
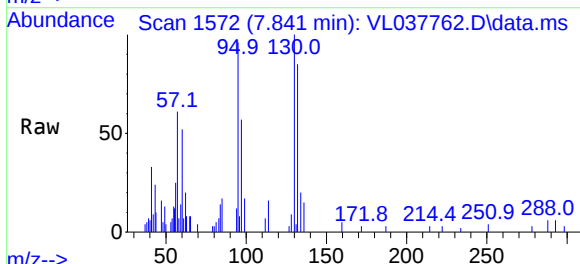
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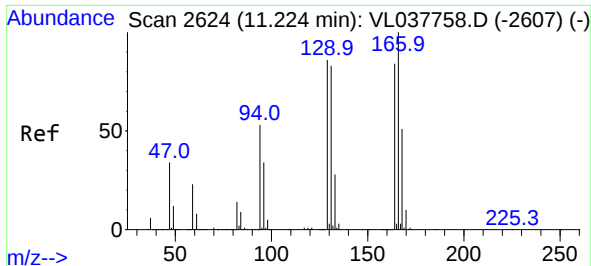
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#38
Trichloroethene
Concen: 0.10 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

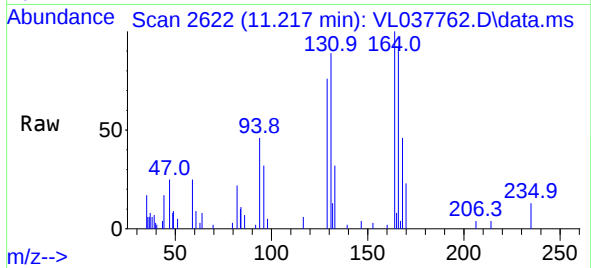
Tgt Ion:130 Resp: 14177
Ion Ratio Lower Upper
130 100
95 96.2 87.4 131.0
132 85.4 76.8 115.2
97 57.4 55.8 83.8





#52
Tetrachloroethene
Concen: 0.10 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.006 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

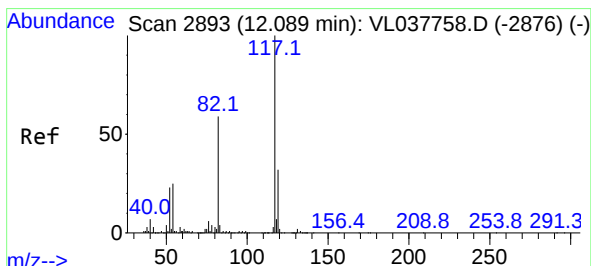
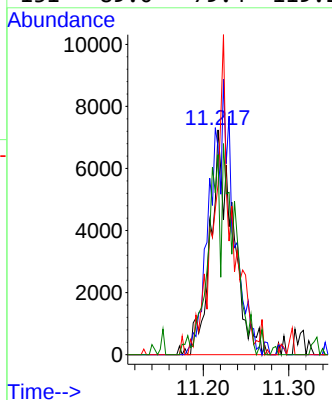
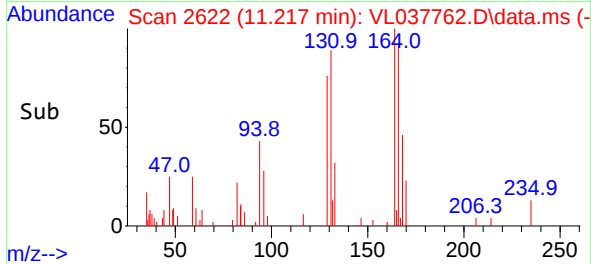
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



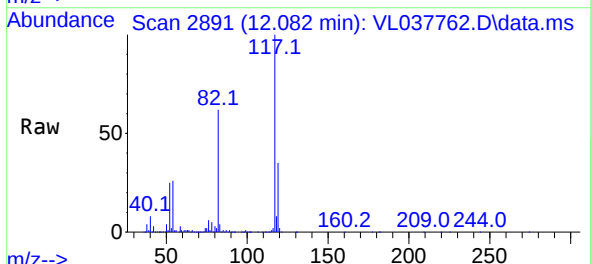
Tgt Ion:164 Resp: 1343
Ion Ratio Lower Upper
164 100
166 92.3 95.4 143.2
129 75.6 82.2 123.4
131 89.0 79.4 119.2

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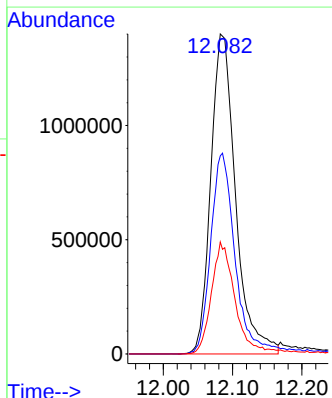
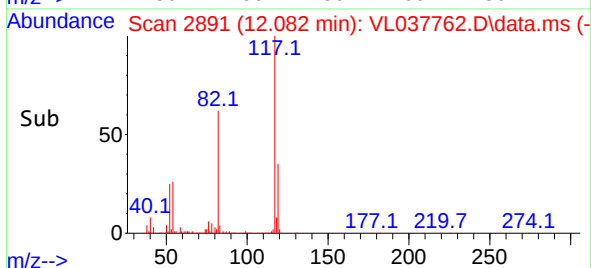
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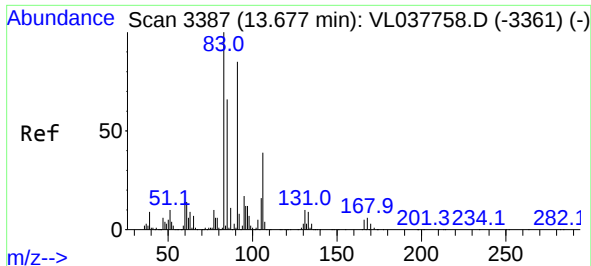


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. -0.006 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20



Tgt Ion:117 Resp: 3482125
Ion Ratio Lower Upper
117 100
82 64.4 52.2 78.2
119 34.6 26.0 39.0





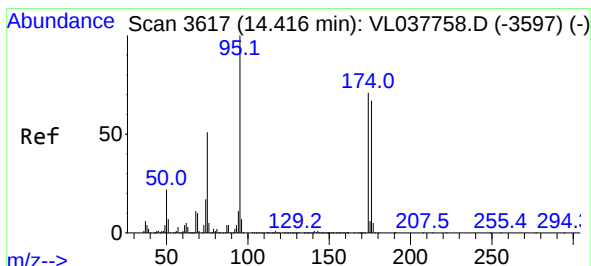
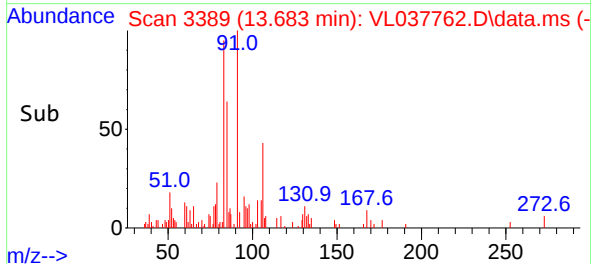
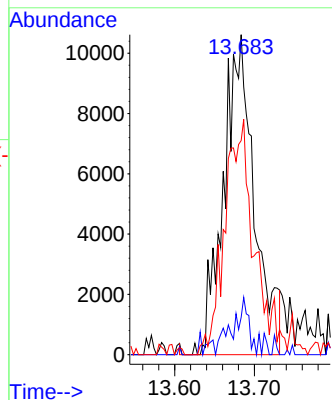
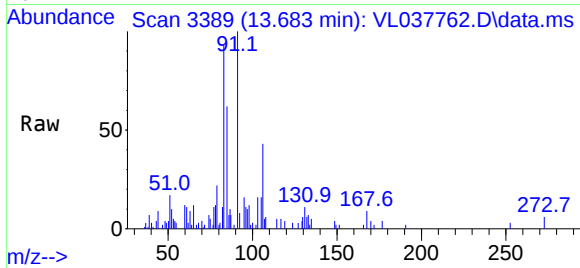
#63
1,1,2,2-Tetrachloroethane
Concen: 0.09 ppbv m
RT: 13.683 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 83 Resp: 28469
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0
85 0.0 33.1 99.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.33 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. -0.003 min
Lab File: VL037762.D
Acq: 4 Oct 2021 15:20

Tgt Ion: 95 Resp: 2348991
Ion Ratio Lower Upper
95 100
174 78.5 57.8 86.6
175 5.7 4.7 7.1

