

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039632.D
 Acq On : 19 Sep 2022 12:44
 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 :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 19 13:17:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1162151	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3001075	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2727891	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2039604	9.911	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.954	62	2009m	0.030	ppbv	
32) 1,1,1-Trichloroethane	6.031	97	4121m	0.026	ppbv	
35) Carbon Tetrachloride	6.500	117	4575m	0.028	ppbv	
38) Trichloroethene	7.311	130	3235m	0.026	ppbv	
52) Tetrachloroethene	10.629	164	3166m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	3360m	0.026	ppbv	

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

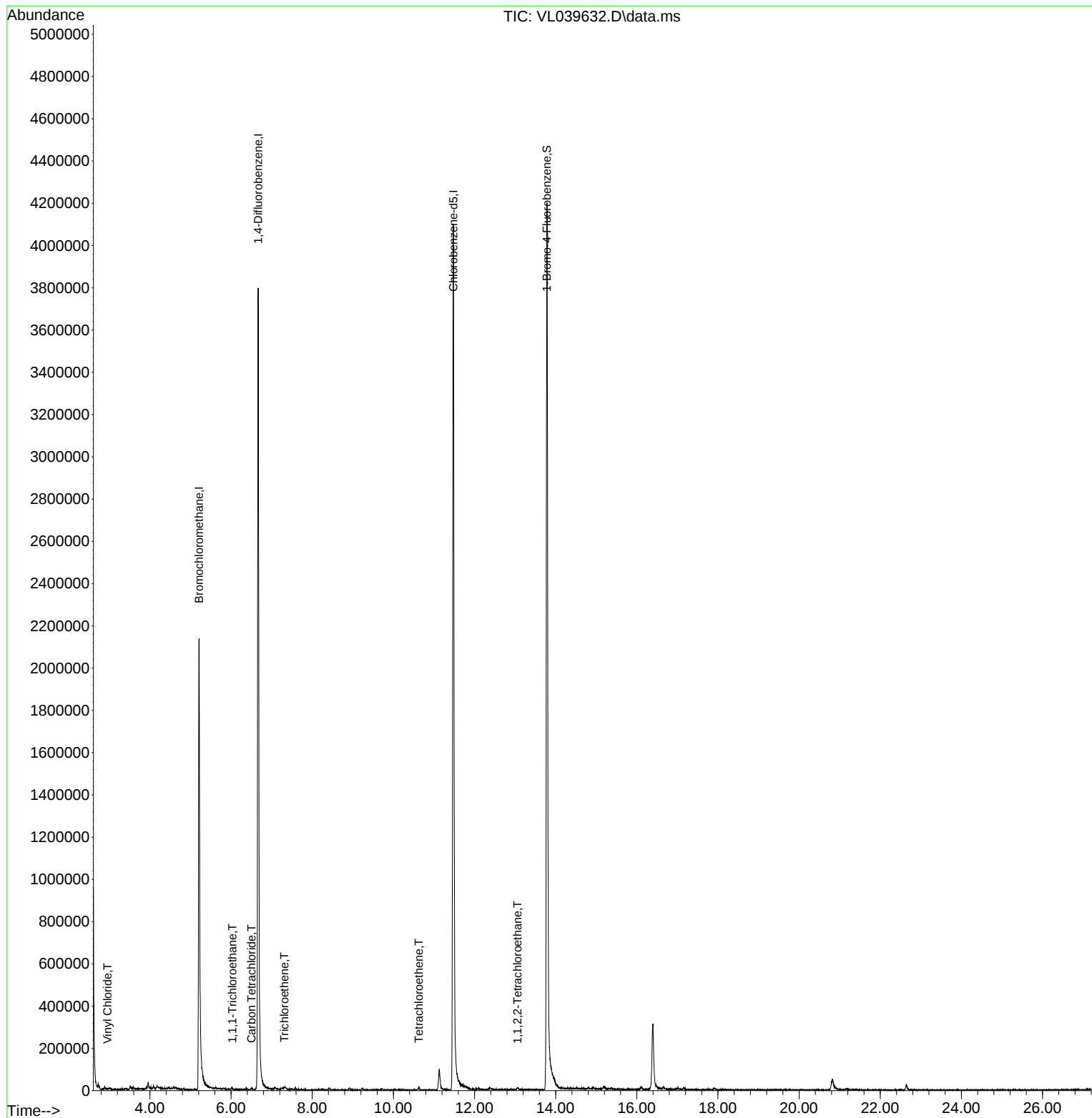
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
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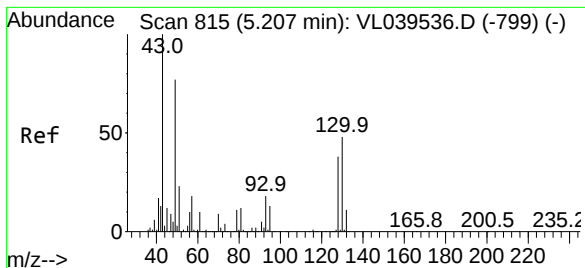
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VSTDICC0.03

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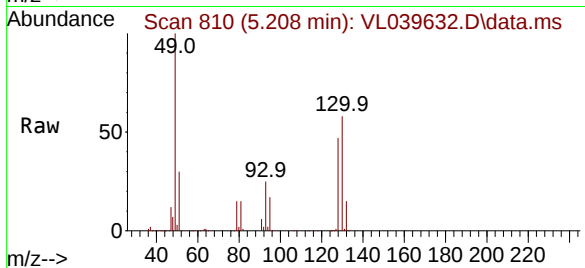
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

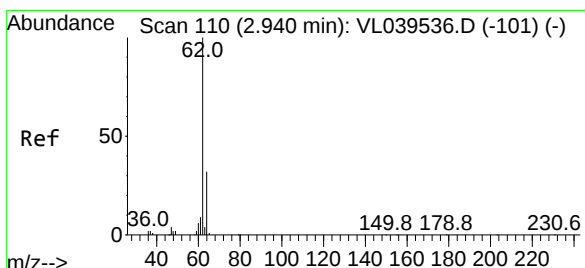
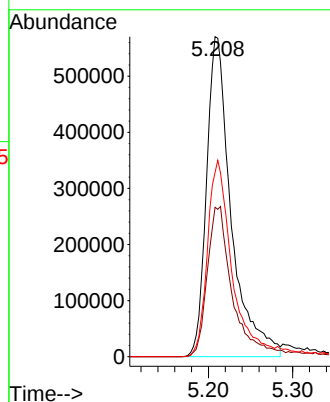
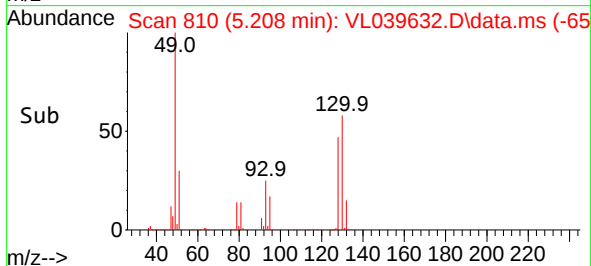
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 116215
Ion Ratio Lower Upper
49 100
128 49.7 26.7 80.0
130 65.5 34.3 102.8

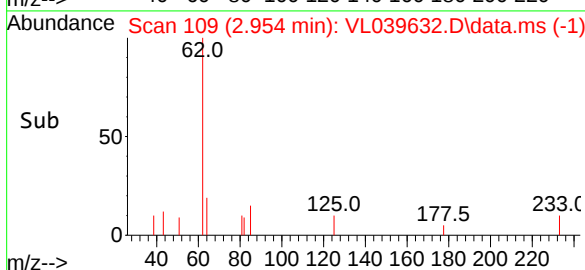
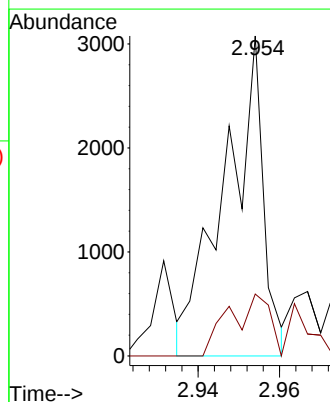
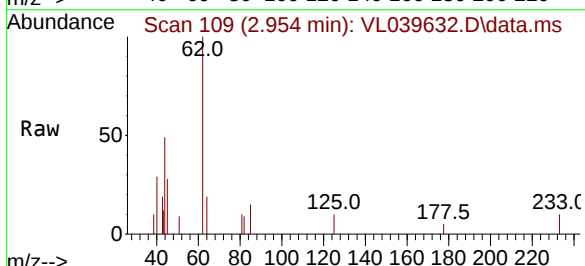
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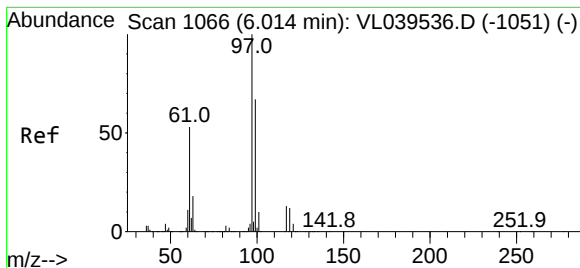
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#5
Vinyl Chloride
Concen: 0.030 ppbv m
RT: 2.954 min Scan# 109
Delta R.T. 0.014 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 62 Resp: 2009
Ion Ratio Lower Upper
62 100
64 19.3 24.6 36.8#





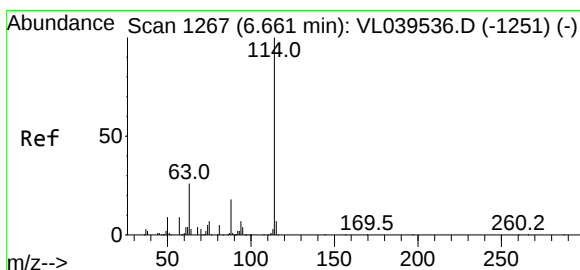
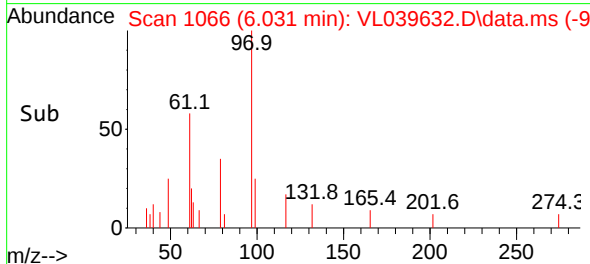
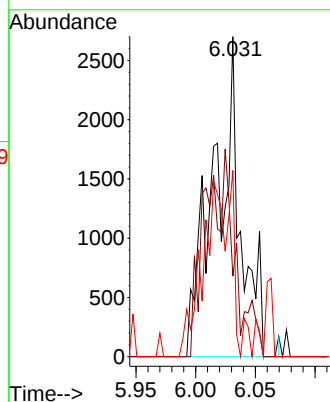
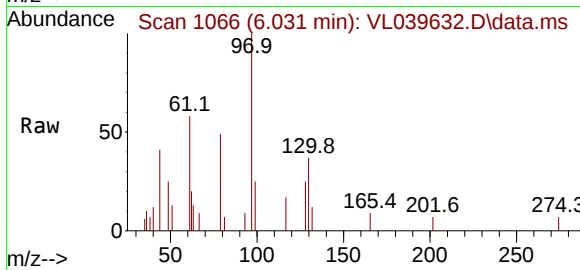
#32
1,1,1-Trichloroethane
Concen: 0.026 ppbv m
RT: 6.031 min Scan# 1066
Delta R.T. 0.017 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 412
Ion Ratio Lower Upper
97 100
99 73.0 52.3 78.5
61 0.0 40.9 61.3

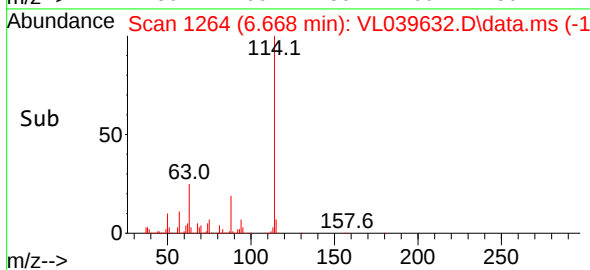
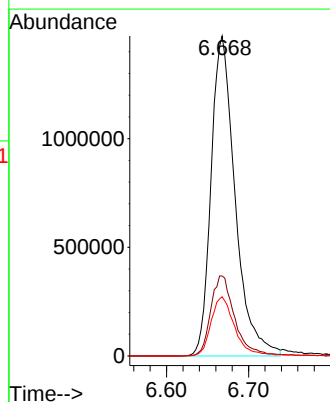
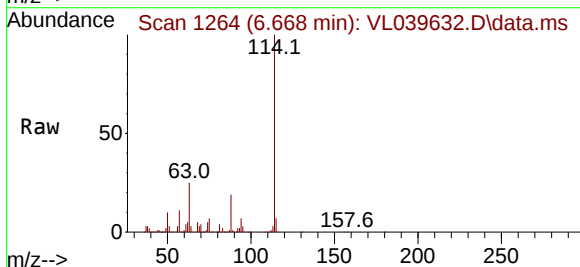
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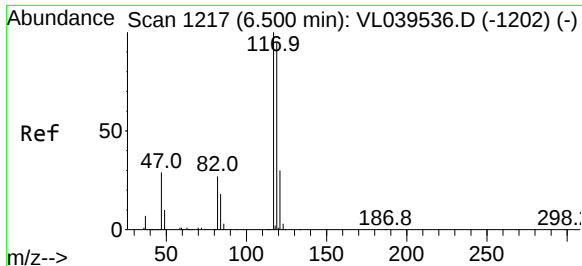
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

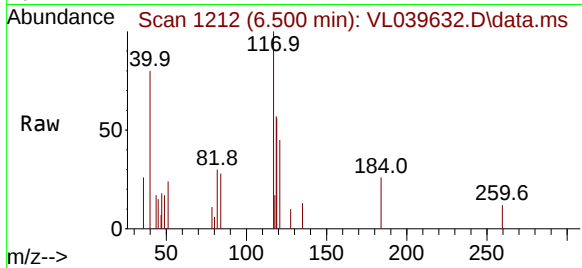
Tgt Ion:114 Resp: 3001075
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.5 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.028 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. 0.001 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

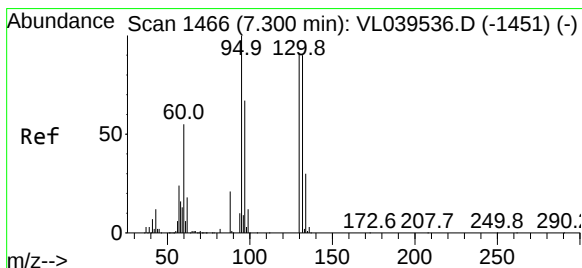
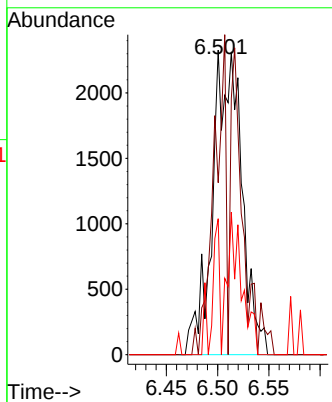
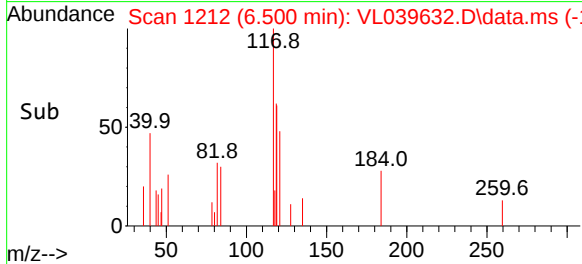
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 457
Ion Ratio Lower Upper
117 100
119 56.4 75.4 113.2
121 44.6 24.2 36.2

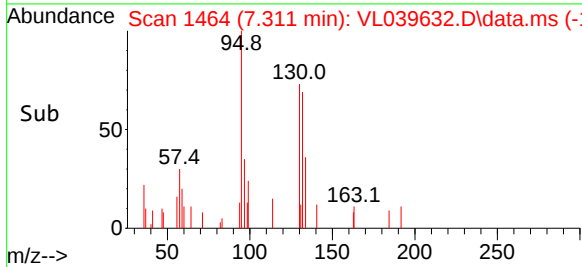
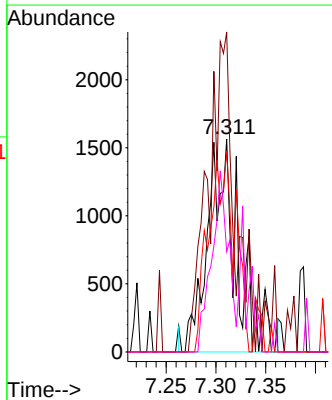
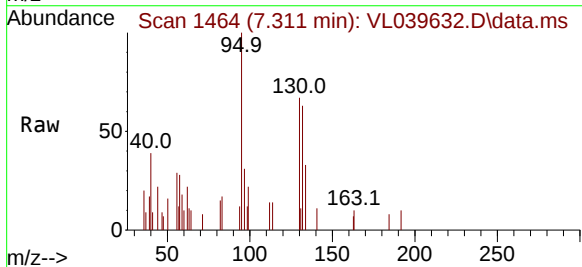
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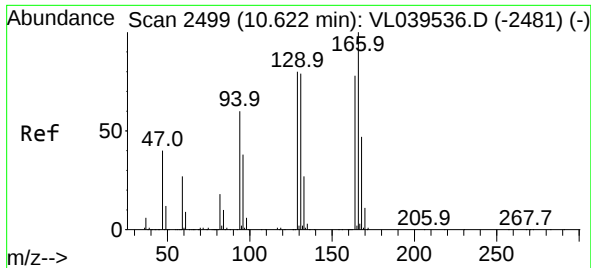
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#38
Trichloroethene
Concen: 0.026 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

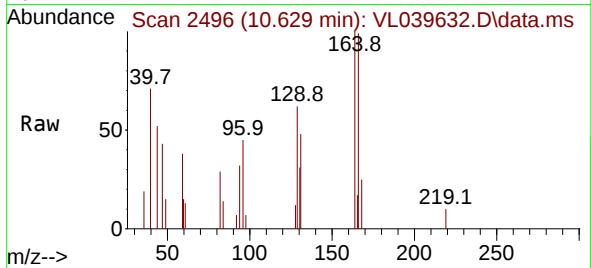
Tgt Ion:130 Resp: 3235
Ion Ratio Lower Upper
130 100
95 150.3 87.3 130.9#
132 94.2 76.7 115.1
97 47.2 56.5 84.7#





#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 10.629 min Scan# 2499
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

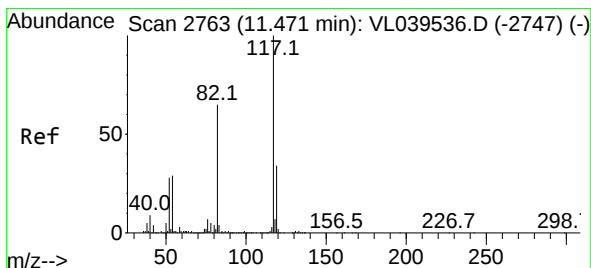
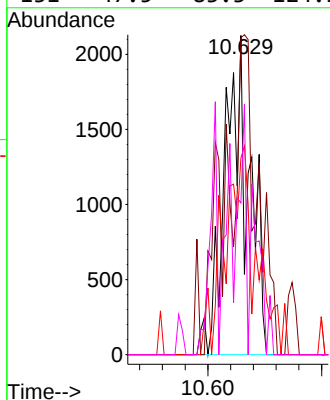
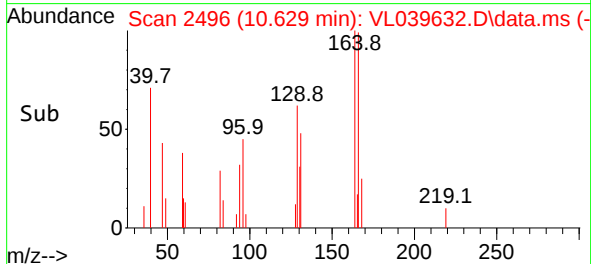
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ClientSampleId :
VSTDICC0.03



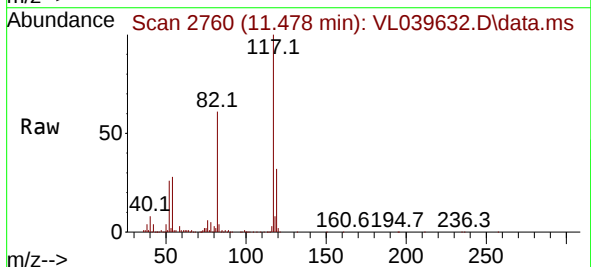
Tgt Ion:164 Resp: 3160
Ion Ratio Lower Upper
164 100
166 99.2 102.2 153.2
129 61.6 85.8 128.8
131 47.5 83.3 124.9

Manual Integrations
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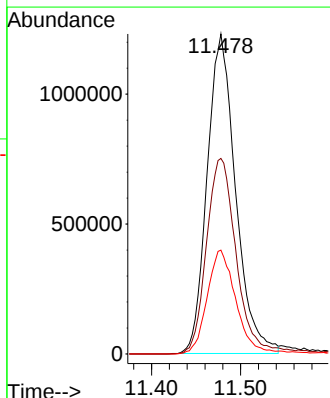
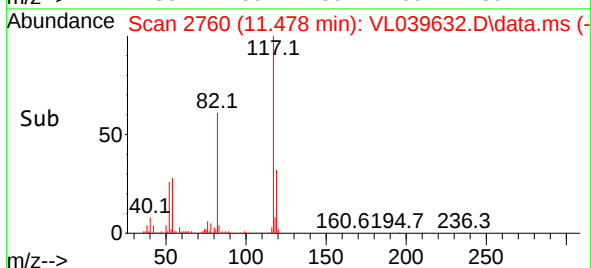
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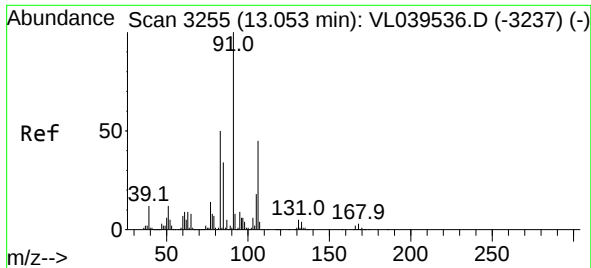


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44



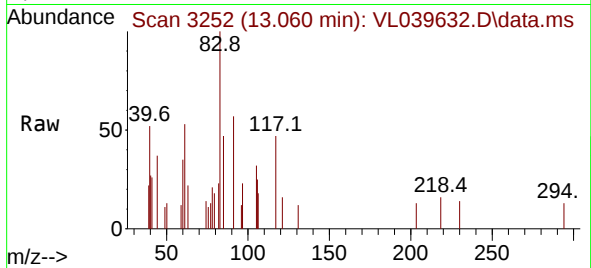
Tgt Ion:117 Resp: 2727891
Ion Ratio Lower Upper
117 100
82 65.6 50.8 76.2
119 33.8 24.1 36.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.026 ppbv m
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

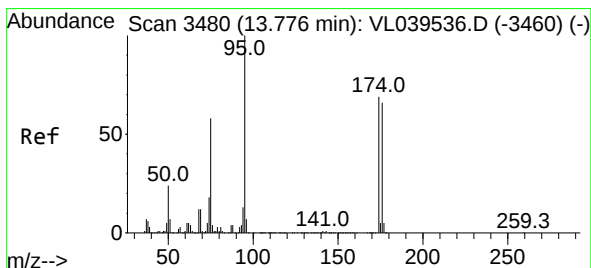
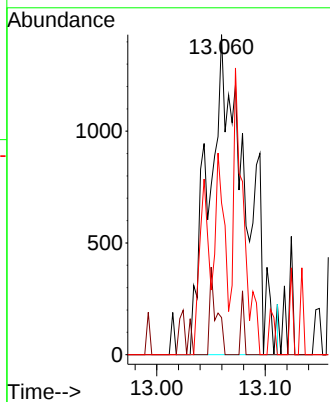
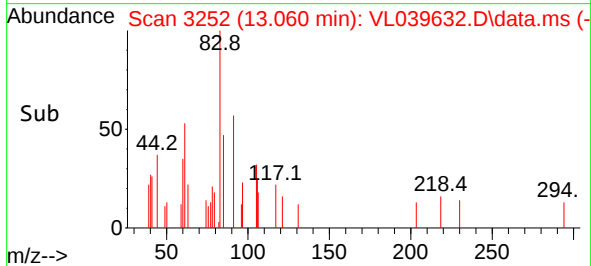
Instrument :
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Tgt Ion: 83 Resp: 3360
Ion Ratio Lower Upper
83 100
131 5.1 5.3 15.8
85 0.0 33.1 99.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.911 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.010 min
Lab File: VL039632.D
Acq: 19 Sep 2022 12:44

Tgt Ion: 95 Resp: 2039604
Ion Ratio Lower Upper
95 100
174 74.3 55.9 83.9
175 5.7 4.2 6.4

