

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028782.D
 Acq On : 31 Oct 2022 15:55
 Operator : SY/MD
 Sample : N5301-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWQ4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 04:56:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	345742	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	310751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151158	46.119	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.240%	
7) Chloroethane-d5	1.565	69	146336	52.229	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.460%	
11) 1,1-Dichloroethene-d2	2.108	63	244436	39.206	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.420%	
21) 2-Butanone-d5	3.876	46	303851	127.355	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	127.360%	
24) Chloroform-d	4.346	84	270009	54.621	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.240%	
26) 1,2-Dichloroethane-d4	5.027	65	194125	59.379	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.760%	
32) Benzene-d6	5.047	84	573477	59.116	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.240%	
36) 1,2-Dichloropropane-d6	6.066	67	202952	60.938	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	121.880%#	
41) Toluene-d8	7.314	98	486699	57.069	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.140%	
43) trans-1,3-Dichloroprop...	7.619	79	69621	54.428	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	108.860%	
47) 2-Hexanone-d5	8.085	63	179421	119.211	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	119.210%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	257962	58.738	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	117.480%	
66) 1,2-Dichlorobenzene-d4	11.616	152	160785	61.701	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	123.400%#	
Target Compounds						
5) Vinyl chloride	1.311	62	60870	15.659	ug/L	98
12) 1,1-Dichloroethene	2.118	96	18327	7.107	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	765258	306.799	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	3724034	1353.140	ug/L #	99
33) Benzene	5.101	78	17588m	1.608	ug/L	
34) Trichloroethene	5.912	95	370283	144.733	ug/L	99
46) Tetrachloroethene	7.976	164	5469	3.084	ug/L	91

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

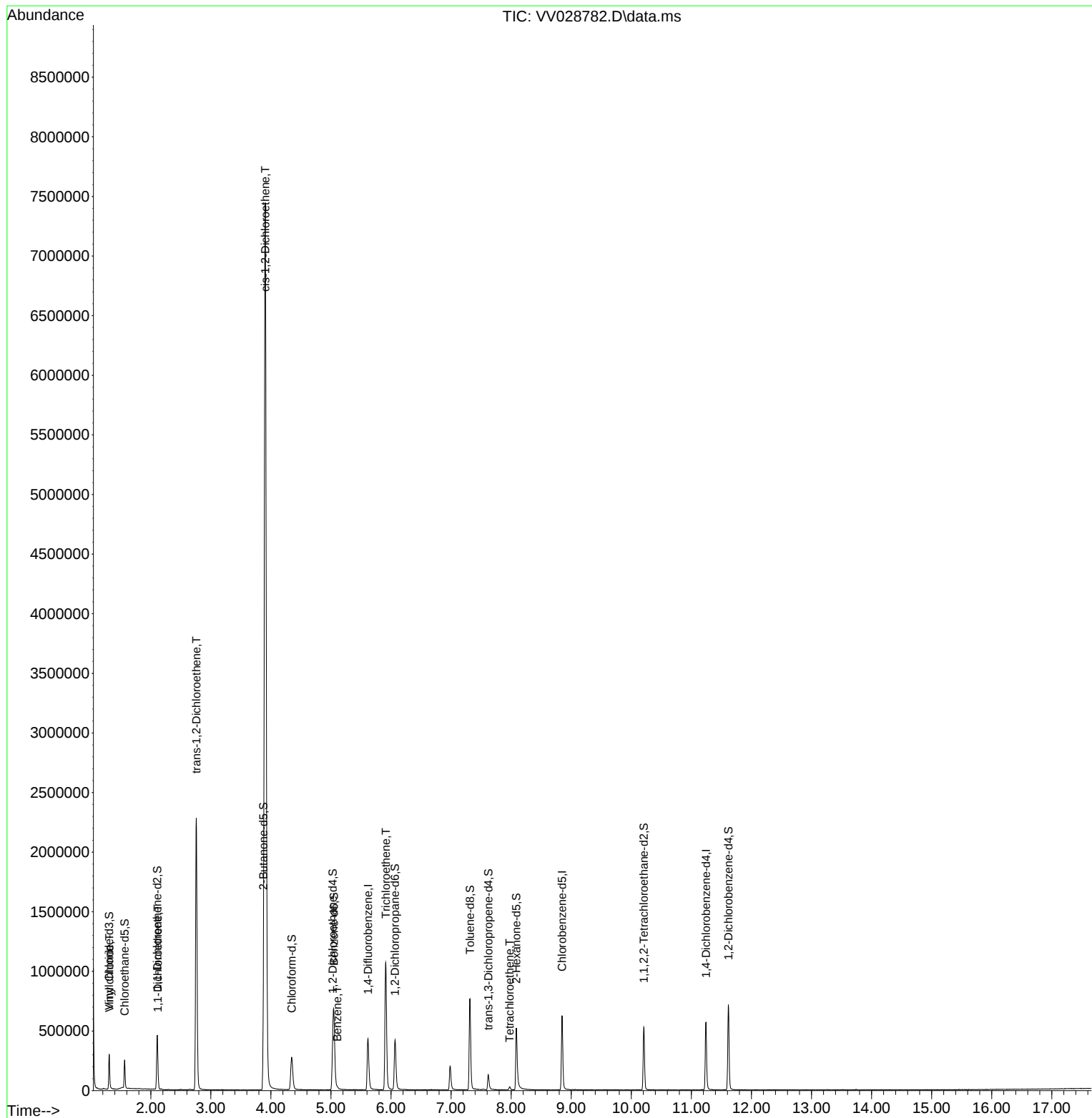
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
Data File : VV028782.D
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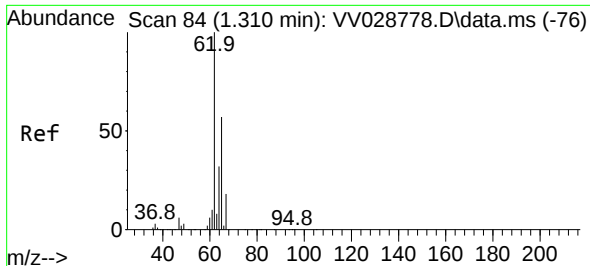
Instrument :
MSVOA_V
ClientSampleId :
DBWQ4

Quant Time: Nov 01 04:56:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
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APPROVED

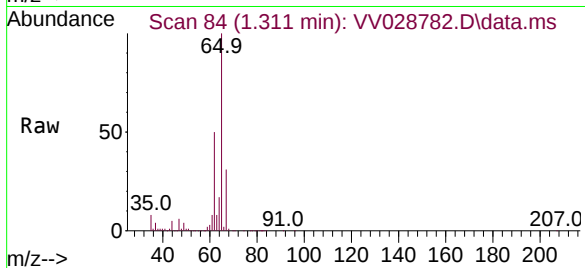
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022





#5
 Vinyl chloride
 Concen: 15.659 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55

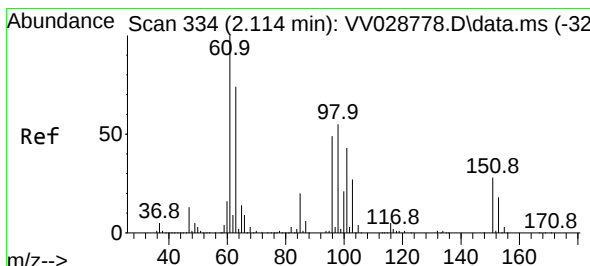
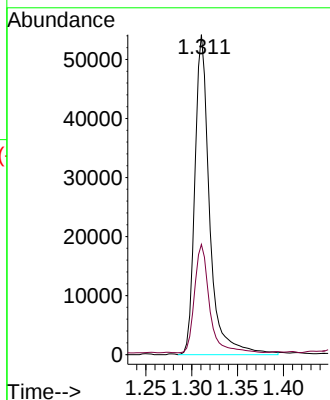
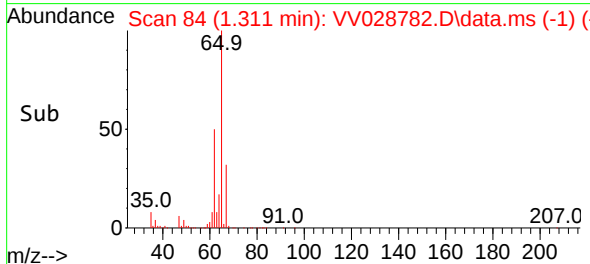
Instrument :
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 ClientSampleId :
 DBWQ4



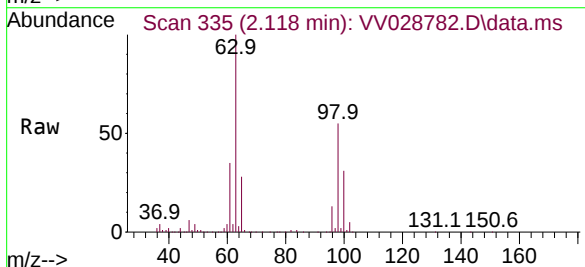
Tgt Ion: 62 Resp: 60876
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.0

Manual Integrations
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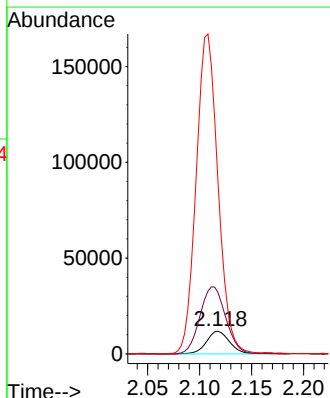
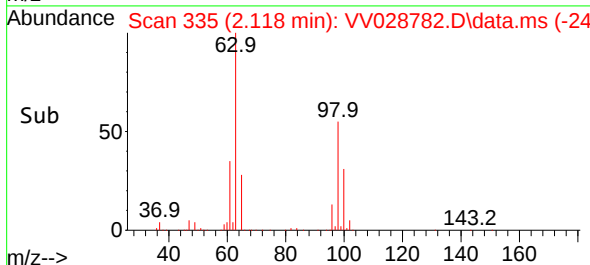
Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

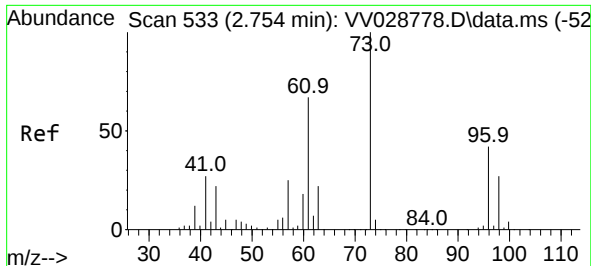


#12
 1,1-Dichloroethene
 Concen: 7.107 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55



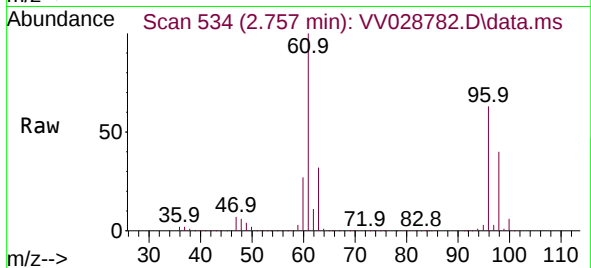
Tgt Ion: 96 Resp: 18327
 Ion Ratio Lower Upper
 96 100
 61 272.3 142.7 265.1#
 63 770.1 112.5 208.9#





#17
trans-1,2-Dichloroethene
Concen: 306.799 ug/L
RT: 2.757 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

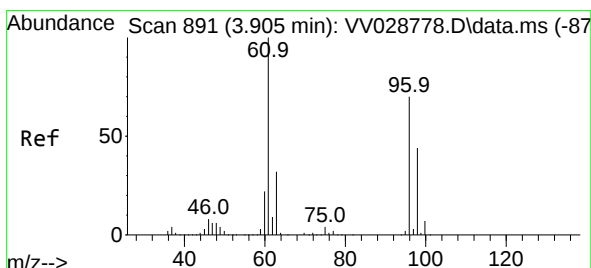
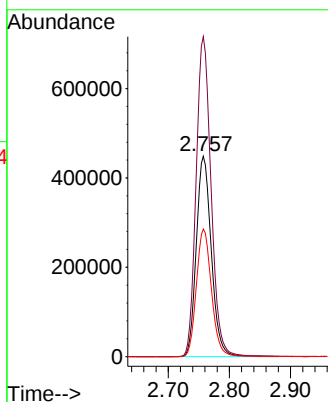
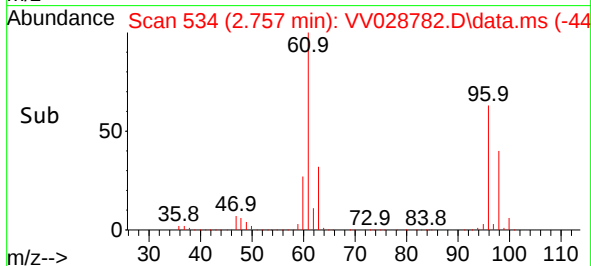
Instrument :
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Tgt Ion: 96 Resp: 765258
Ion Ratio Lower Upper
96 100
61 159.7 109.4 203.2
98 63.7 43.3 80.5

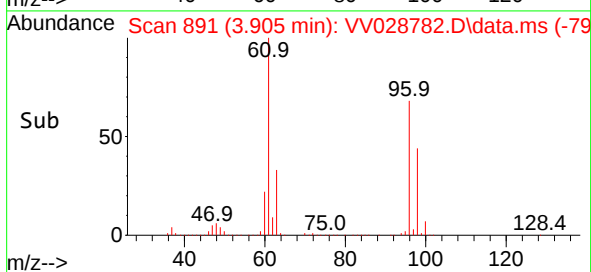
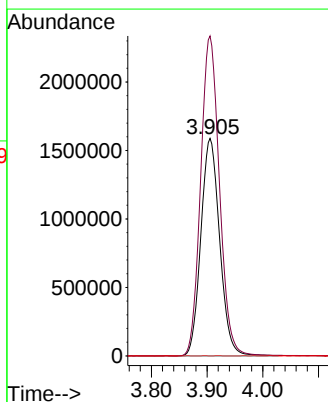
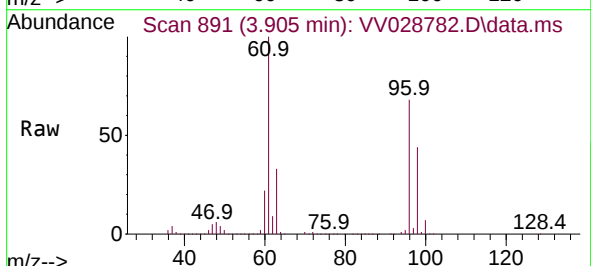
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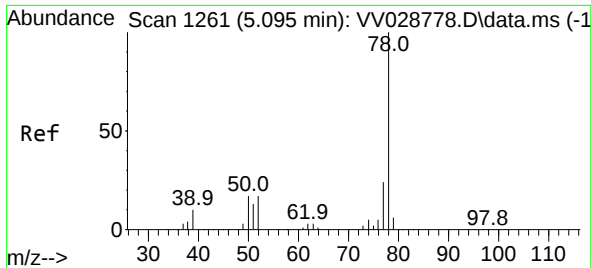
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#20
cis-1,2-Dichloroethene
Concen: 1353.140 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

Tgt Ion: 96 Resp: 3724034
Ion Ratio Lower Upper
96 100
61 147.1 102.3 190.1
68 0.0 0.1 0.3





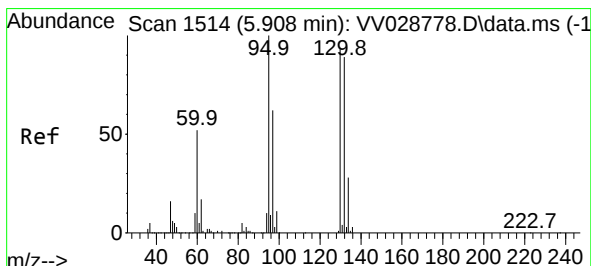
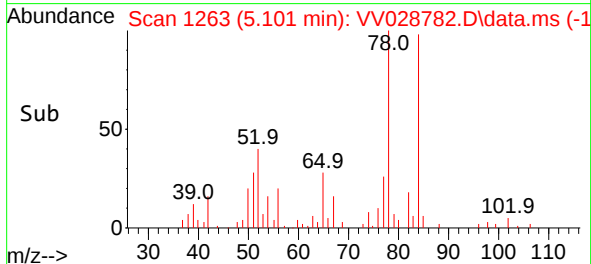
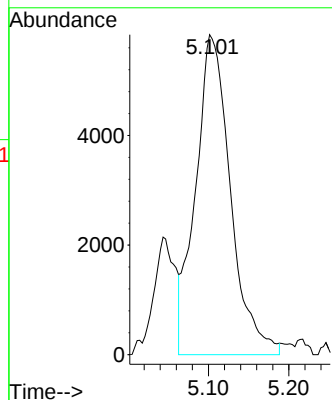
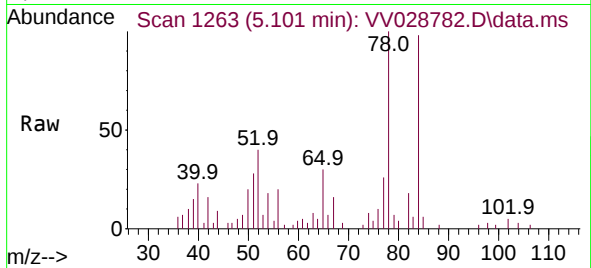
#33
Benzene
Concen: 1.608 ug/L m
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

Instrument :
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Tgt Ion: 78 Resp: 17588

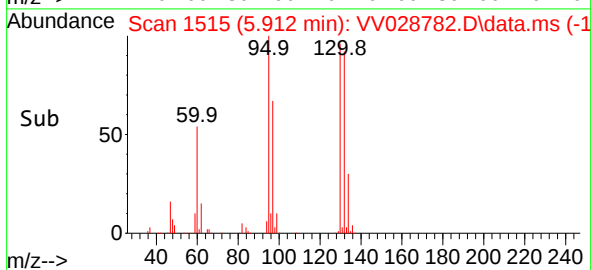
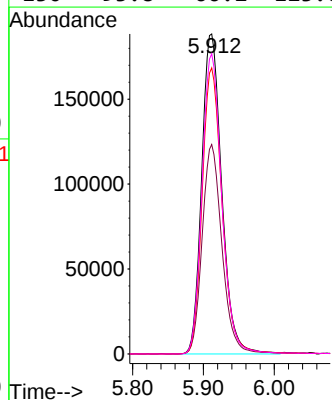
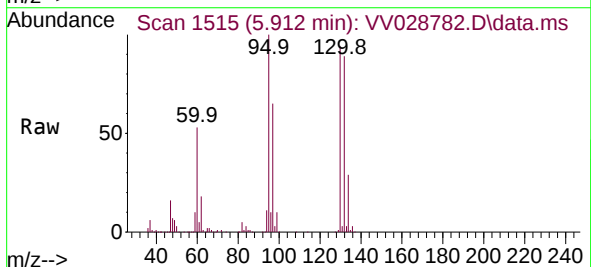
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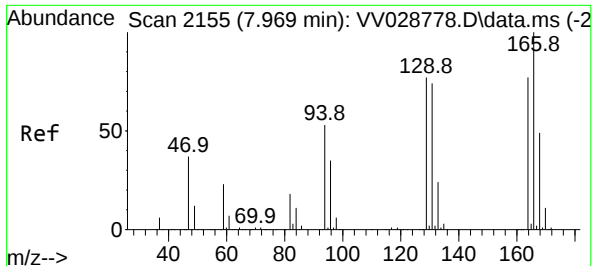
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#34
Trichloroethene
Concen: 144.733 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

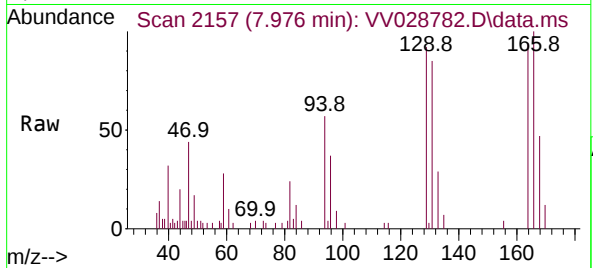
Tgt Ion: 95 Resp: 370283
Ion Ratio Lower Upper
95 100
97 65.4 46.2 85.8
132 89.4 63.2 117.4
130 93.8 66.2 123.0





#46
Tetrachloroethene
Concen: 3.084 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

Instrument :
MSVOA_V
ClientSampleId :
DBWQ4



Tgt Ion:164 Resp: 5469
Ion Ratio Lower Upper
164 100
129 101.7 69.5 129.1
131 90.5 66.4 123.2
166 106.4 88.5 164.3

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