

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026852.D
 Acq On : 20 Jul 2022 16:21
 Operator : SY/MD
 Sample : N3802-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 21 01:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	218987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	229603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67438	3.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.561	69	67212	3.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.101	63	93716	2.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	3.886	46	195936	62.840	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.680%
24) Chloroform-d	4.342	84	163056	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.031	65	74154	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.047	84	270082	3.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.066	67	99792	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.317	98	187101	3.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.400%#
43) trans-1,3-Dichloroprop...	7.625	79	24576	3.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.088	63	140051	47.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	78326	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	79766	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
2) Dichlorodifluoromethane	1.124	85	12126	0.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	105357	5.320	ug/L	98
12) 1,1-Dichloroethene	2.111	96	8712	0.454	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	902	0.051	ug/L	80
19) 1,1-Dichloroethane	3.191	63	2163	0.067	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	91061	5.116	ug/L	93
29) 1,1,1-Trichloroethane	4.616	97	2307m	0.075	ug/L	
34) Trichloroethene	5.908	95	640519	33.951	ug/L	98
47) Tetrachloroethene	7.976	164	22111	1.494	ug/L	97

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

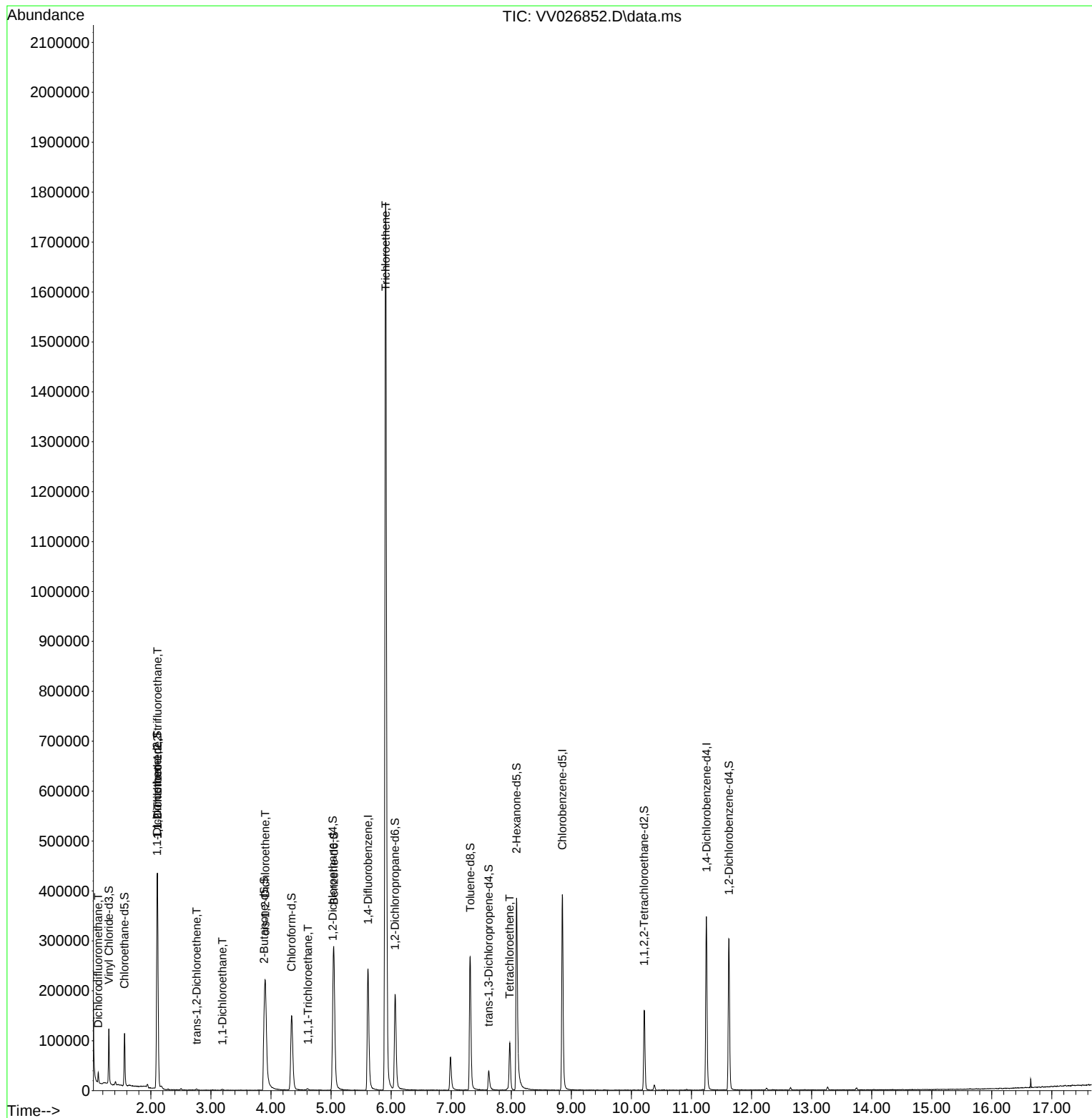
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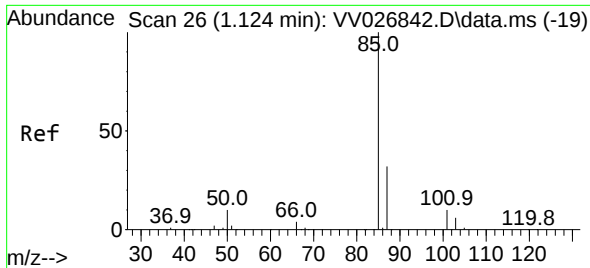
Instrument :
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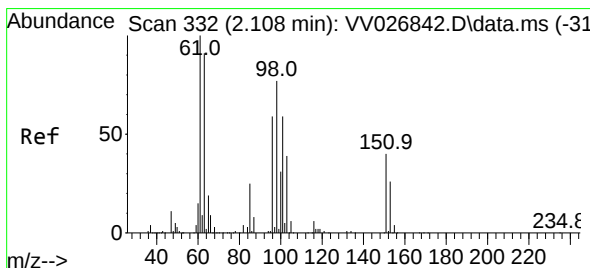
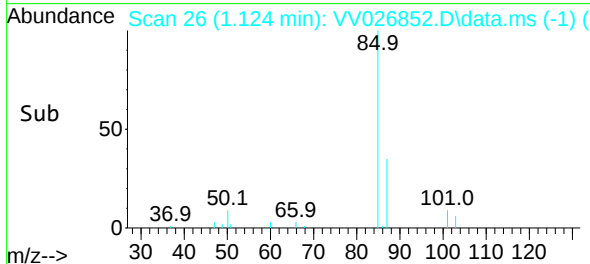
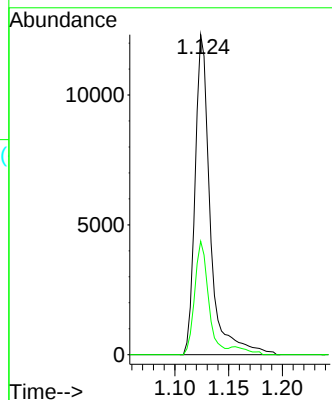
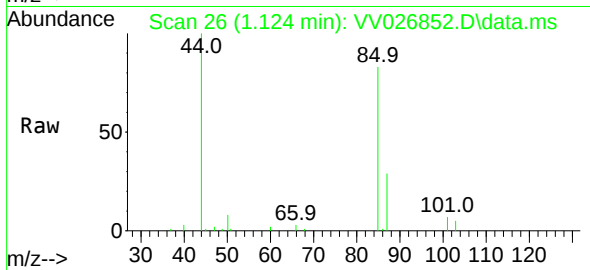
#2
 Dichlorodifluoromethane
 Concen: 0.436 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV026852.D
 Acq: 20 Jul 2022 16:21

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW8

Tgt Ion: 85 Resp: 12120
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8

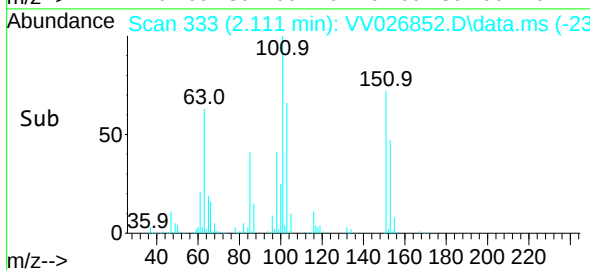
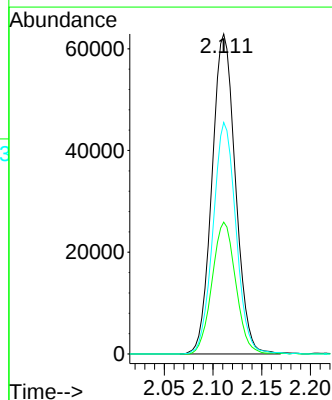
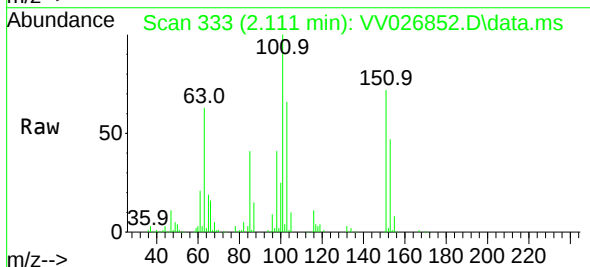
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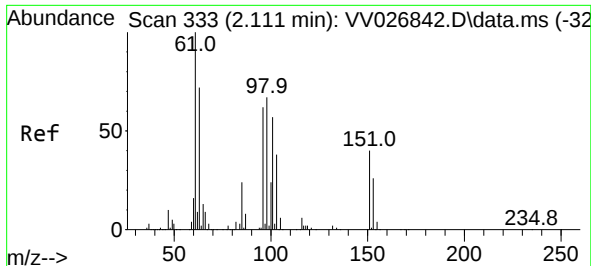
Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.320 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV026852.D
 Acq: 20 Jul 2022 16:21

Tgt Ion:101 Resp: 105357
 Ion Ratio Lower Upper
 101 100
 85 41.5 35.0 52.4
 151 71.2 56.7 85.1





#12

1,1-Dichloroethene

Concen: 0.454 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV026852.D

Acq: 20 Jul 2022 16:21

Instrument :

MSVOA_V

ClientSampleId :

GBHW8

Tgt Ion: 96 Resp: 871

Ion Ratio Lower Upper

96 100

61 232.8 118.3 219.7

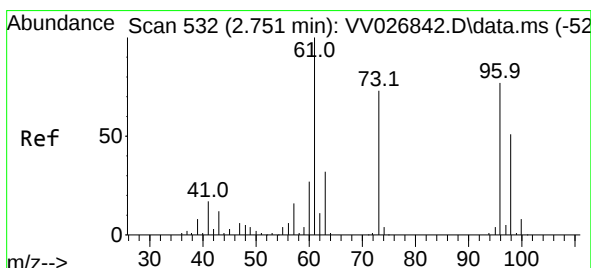
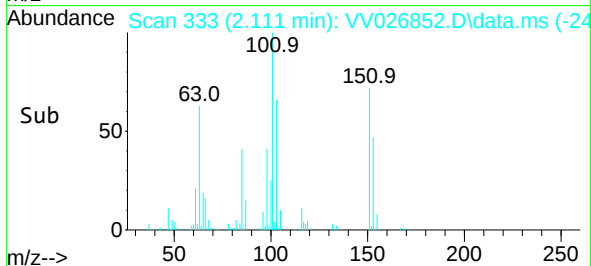
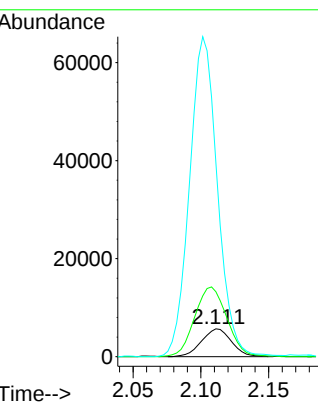
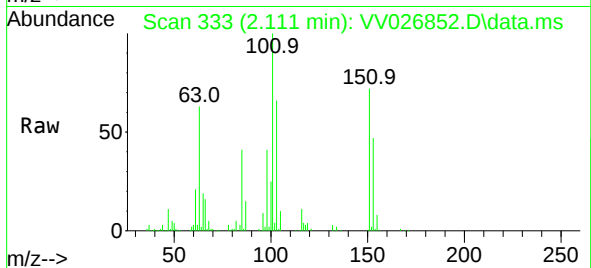
63 695.7 79.9 148.3

Manual Integrations

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#18

trans-1,2-Dichloroethene

Concen: 0.051 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.010 min

Lab File: VV026852.D

Acq: 20 Jul 2022 16:21

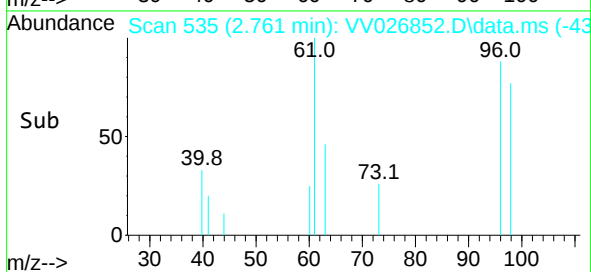
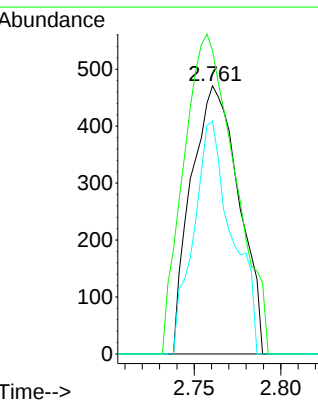
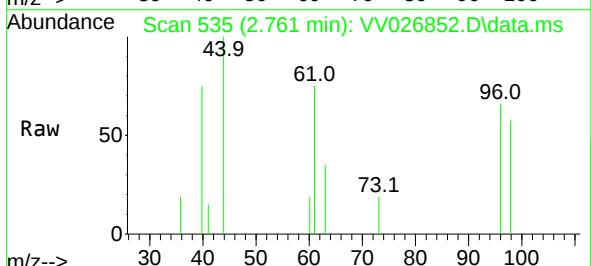
Tgt Ion: 96 Resp: 902

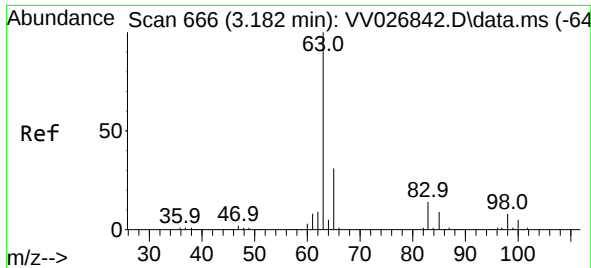
Ion Ratio Lower Upper

96 100

61 113.2 94.7 175.9

98 86.8 47.4 88.0





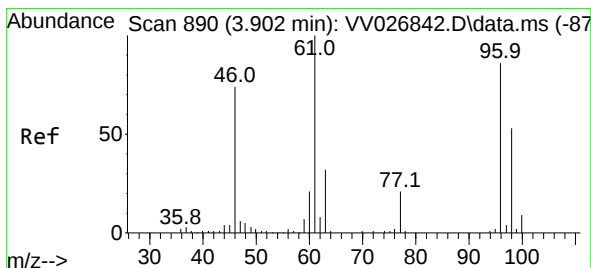
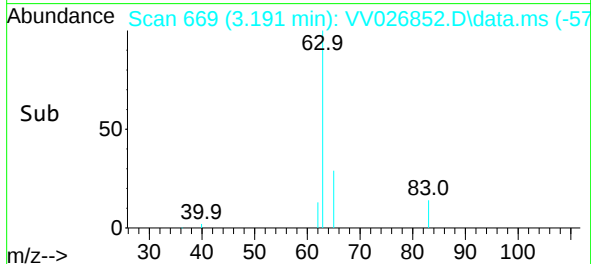
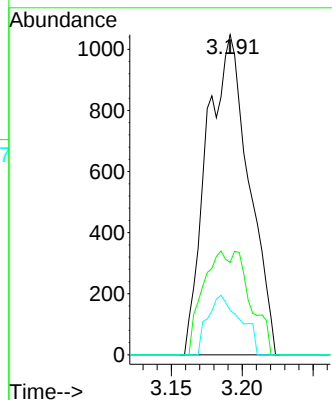
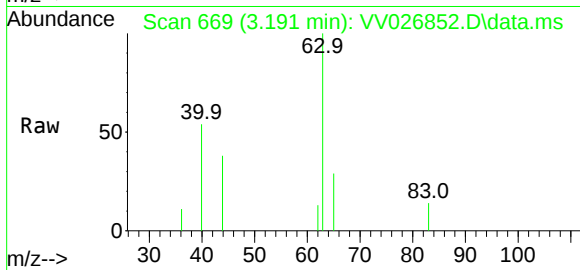
#19
1,1-Dichloroethane
Concen: 0.067 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV026852.D
Acq: 20 Jul 2022 16:21

Instrument :
MSVOA_V
ClientSampleId :
GBHW8

Tgt Ion: 63 Resp: 216
Ion Ratio Lower Upper
63 100
65 28.8 22.3 41.3
83 13.8 9.9 18.5

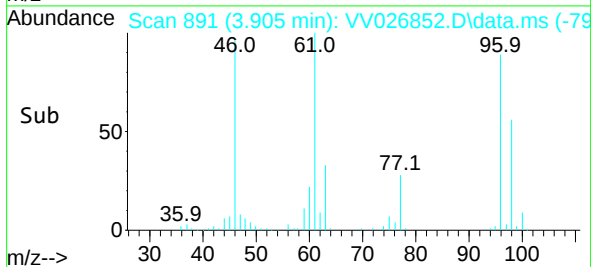
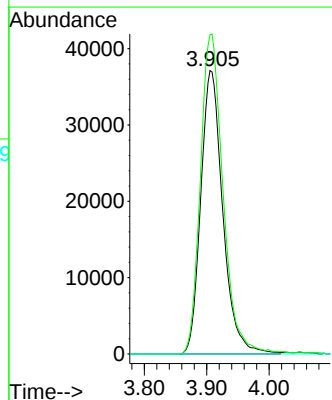
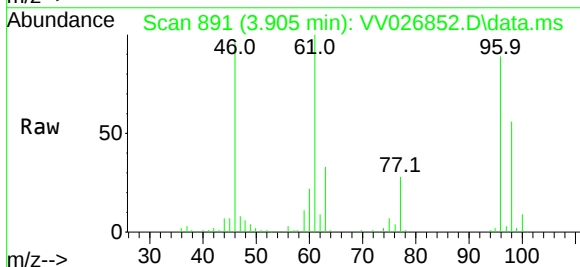
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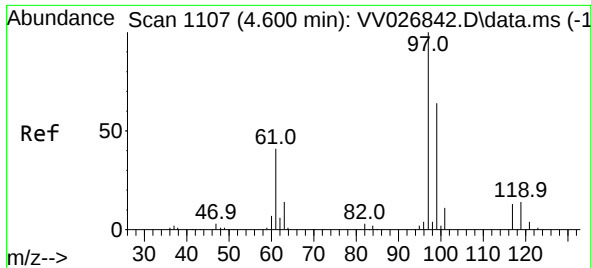
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022



#22
cis-1,2-Dichloroethene
Concen: 5.116 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV026852.D
Acq: 20 Jul 2022 16:21

Tgt Ion: 96 Resp: 91061
Ion Ratio Lower Upper
96 100
61 112.6 83.9 155.9
68 0.0 0.0 0.0





#29
1,1,1-Trichloroethane
Concen: 0.075 ug/L m
RT: 4.616 min Scan# 1107
Delta R.T. 0.016 min
Lab File: VV026852.D
Acq: 20 Jul 2022 16:21

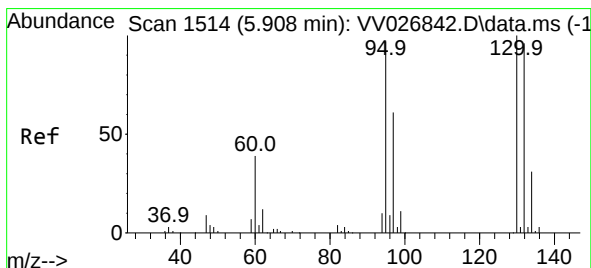
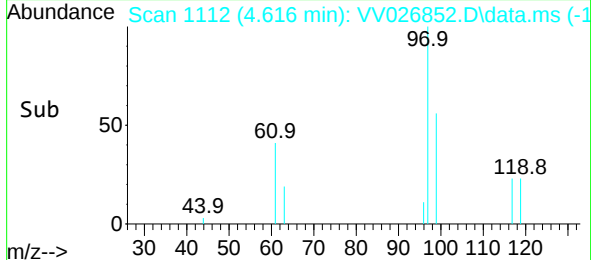
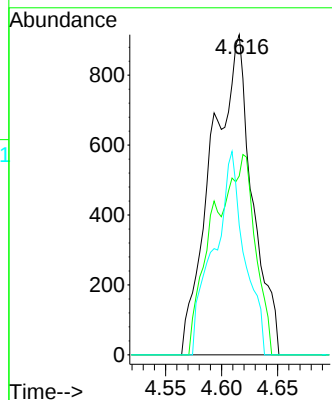
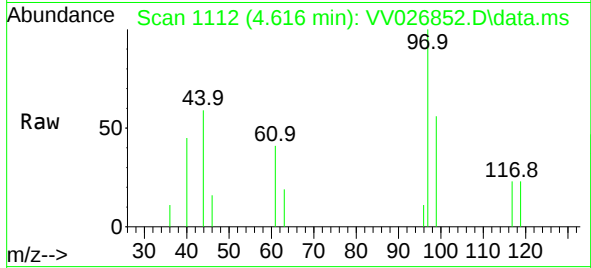
Instrument :
MSVOA_V
ClientSampleId :
GBHW8

Tgt Ion: 97 Resp: 230

Ion	Ratio	Lower	Upper
97	100		
99	22.5	51.3	76.9
61	0.0	35.1	52.7

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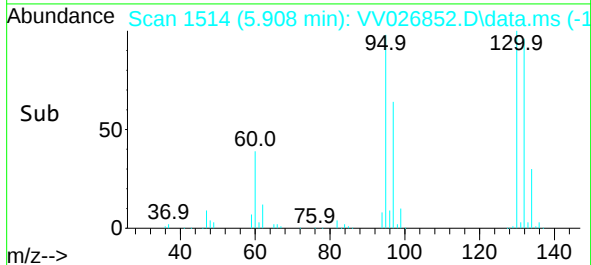
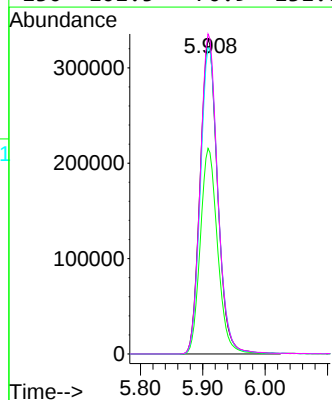
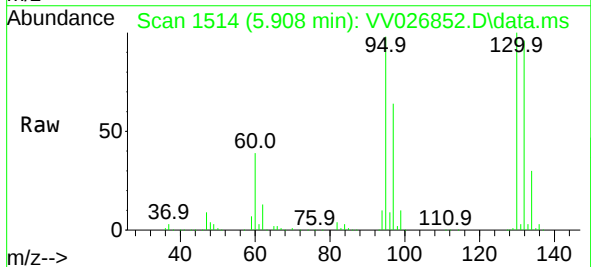
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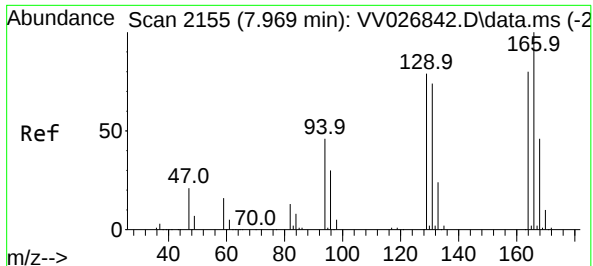


#34
Trichloroethene
Concen: 33.951 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV026852.D
Acq: 20 Jul 2022 16:21

Tgt Ion: 95 Resp: 640519

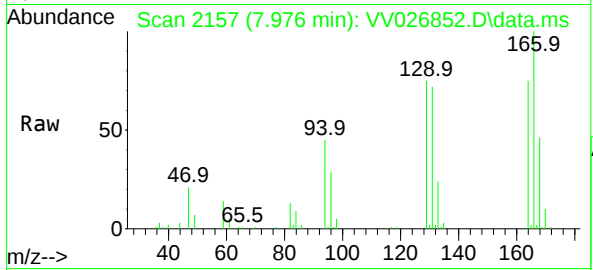
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.6	82.8
132	97.1	70.2	130.4
130	101.5	70.9	131.7





#47
Tetrachloroethene
Concen: 1.494 ug/L
RT: 7.976 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VV026852.D
Acq: 20 Jul 2022 16:21

Instrument :
MSVOA_V
ClientSampleId :
GBHW8



Tgt Ion:164 Resp: 2211

Ion	Ratio	Lower	Upper
164	100		
129	99.2	67.8	125.8
131	95.7	65.9	122.5
166	132.6	88.8	164.8

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