

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026357.D
 Acq On : 17 Jun 2022 01:16
 Operator : SY/MD
 Sample : N3318-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ73

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 17 07:21:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	181067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	59503	3.557	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.200%	
7) Chloroethane-d5	1.584	69	54498	4.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.130	63	309500	10.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	215.400%#	
20) 2-Butanone-d5	3.921	46	90674	55.553	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.100%	
24) Chloroform-d	4.362	84	117759	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.043	65	50586	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.060	84	223595	4.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.076	67	72753	5.149	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.320	98	180631	4.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.632	79	14464	3.157	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.200%	
46) 2-Hexanone-d5	8.092	63	64654	46.719	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45014	5.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59293	5.115	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.323	62	6188	0.372	ug/L #	1
12) 1,1-Dichloroethene	2.134	96	420642	34.571	ug/L #	72
13) Acetone	2.220	43	8703	6.880	ug/L	100
14) Carbon disulfide	2.310	76	9653	0.322	ug/L	100
15) Methyl Acetate	2.468	43	1518	0.500	ug/L #	80
16) Methylene chloride	2.523	84	7241	0.466	ug/L	92
17) Methyl tert-butyl Ether	2.786	73	14667	0.701	ug/L #	92
18) trans-1,2-Dichloroethene	2.780	96	3113	0.264	ug/L	88
19) 1,1-Dichloroethane	3.201	63	1303918	57.940	ug/L	99
21) 2-Butanone	4.024	43	11311m	6.911	ug/L	
22) cis-1,2-Dichloroethene	3.928	96	116525	9.760	ug/L	100
27) 1,2-Dichloroethane	5.150	62	5787	0.521	ug/L	95
33) Benzene	5.114	78	8316	0.179	ug/L	100
34) Trichloroethene	5.918	95	1115138	87.989	ug/L	97
42) Toluene	7.400	91	10060	0.206	ug/L	94
47) Tetrachloroethene	7.982	164	2105	0.224	ug/L	82
53) m,p-Xylene	9.146	106	1280	0.067	ug/L	97

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QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

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

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

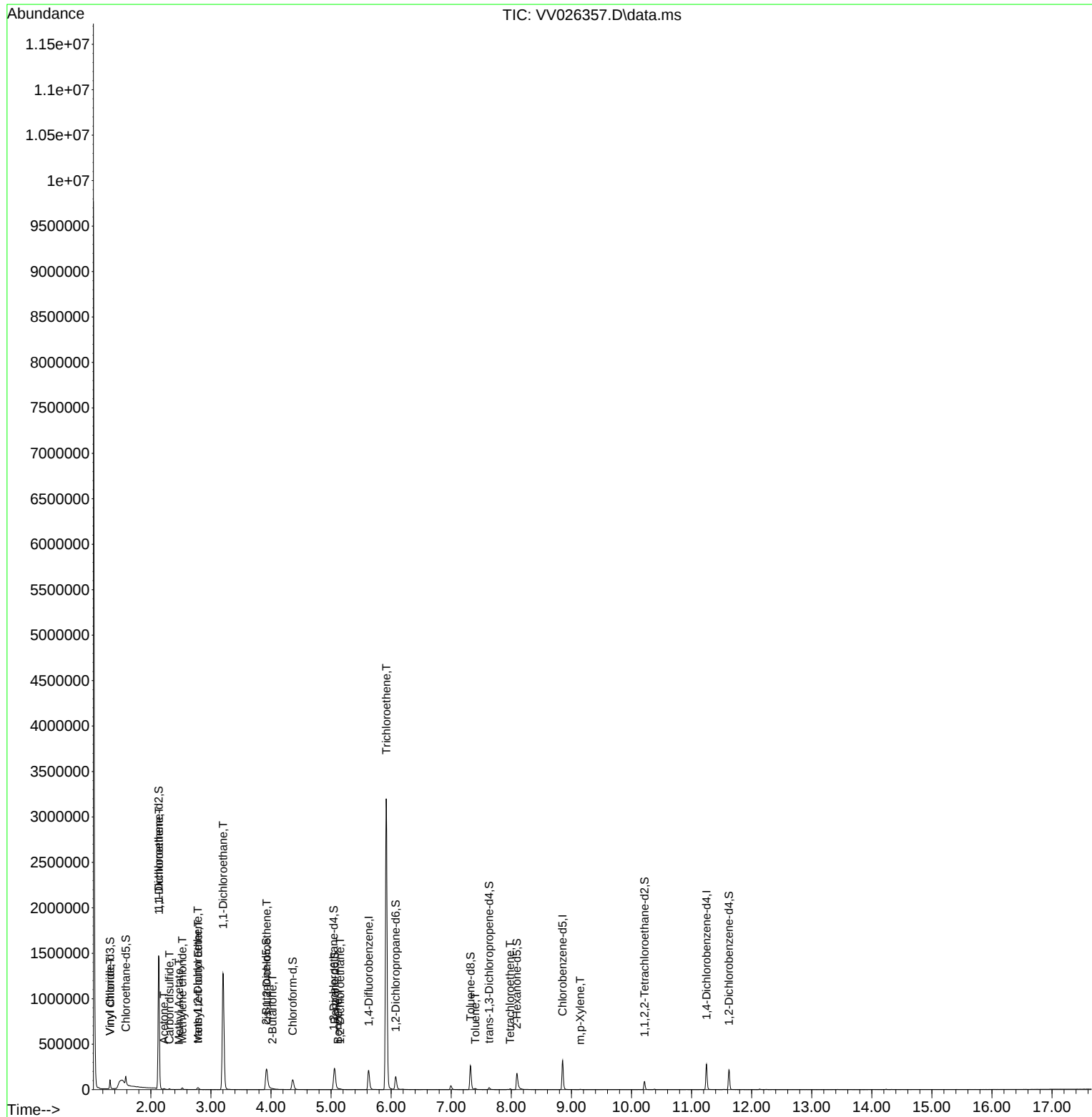
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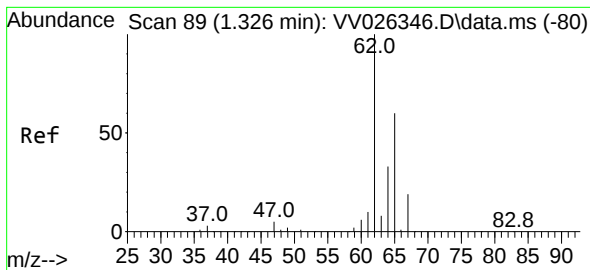
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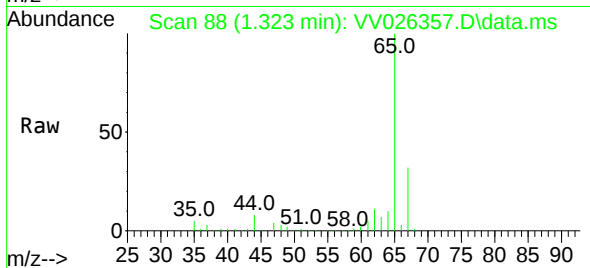
Quant Time: Jun 17 07:21:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
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#5
 Vinyl chloride
 Concen: 0.372 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026357.D
 Acq: 17 Jun 2022 01:16

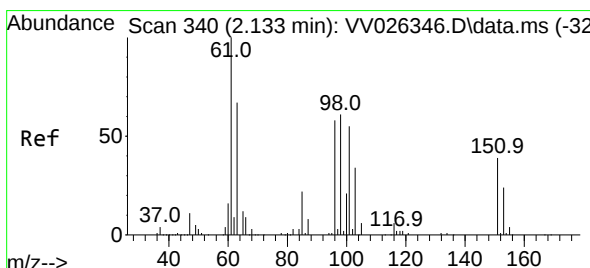
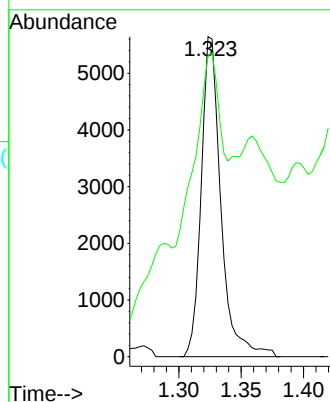
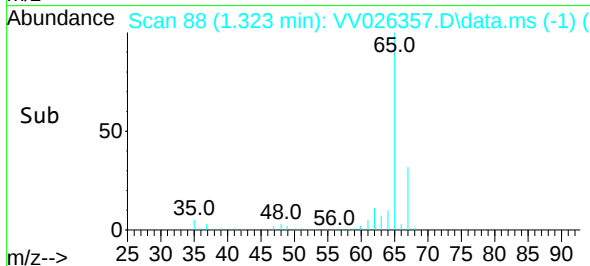
Instrument :
 MSVOA_V
 Client Sample Id :
 BGJ73



Tgt Ion: 62 Resp: 6188
 Ion Ratio Lower Upper
 62 100
 64 94.1 23.2 43.2

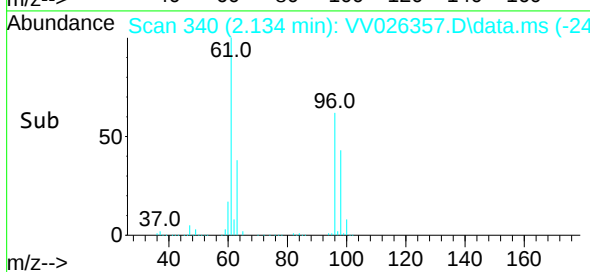
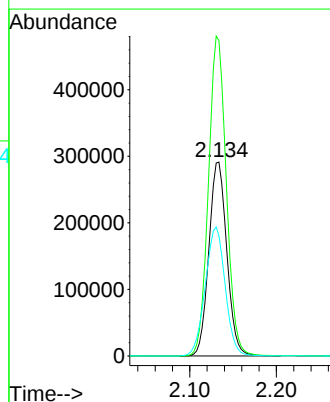
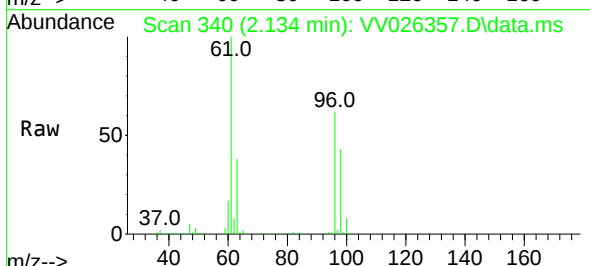
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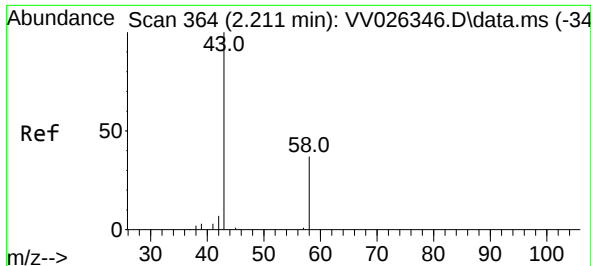
Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/20/2022



#12
 1,1-Dichloroethene
 Concen: 34.571 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026357.D
 Acq: 17 Jun 2022 01:16

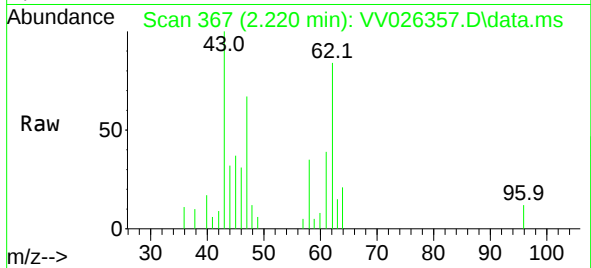
Tgt Ion: 96 Resp: 420642
 Ion Ratio Lower Upper
 96 100
 61 162.6 117.1 217.5
 63 62.1 92.8 172.4





#13
Acetone
Concen: 6.880 ug/L
RT: 2.220 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

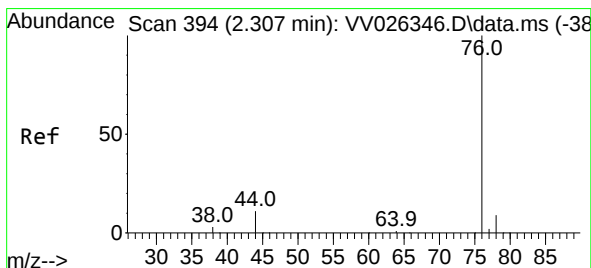
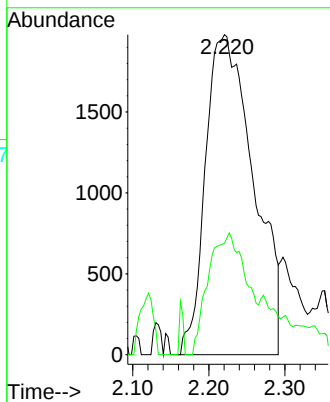
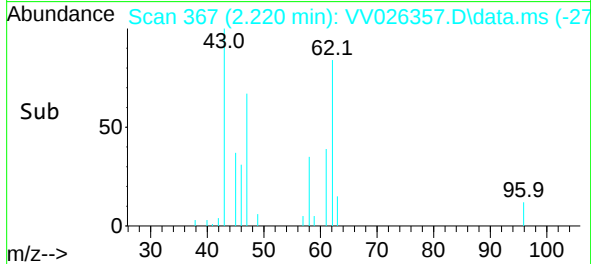
Instrument :
MSVOA_V
ClientSampleId :
BGJ73



Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 30.3 0.0 60.0

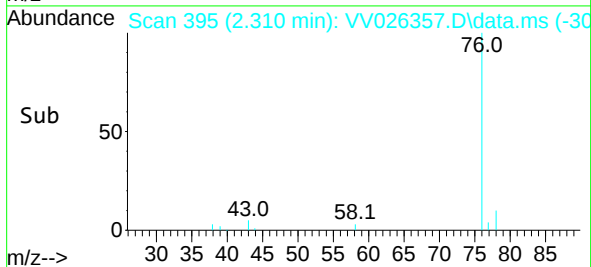
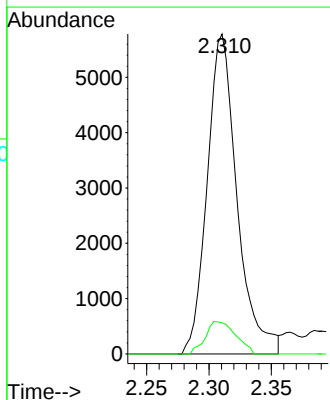
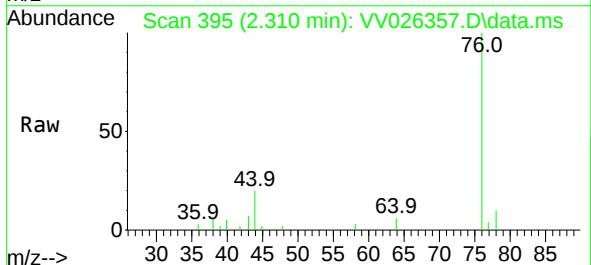
Manual Integrations
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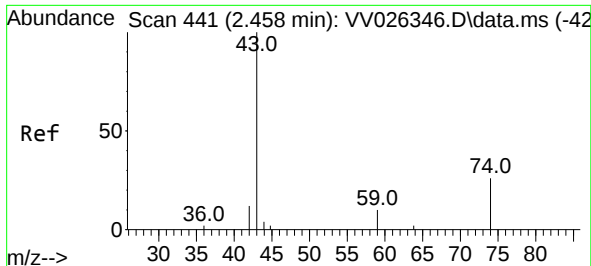
Reviewed By :Krupa Patel 06/17/2022
Supervised By :Mahesh Dadoda 06/20/2022



#14
Carbon disulfide
Concen: 0.322 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

Tgt Ion: 76 Resp: 9653
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5





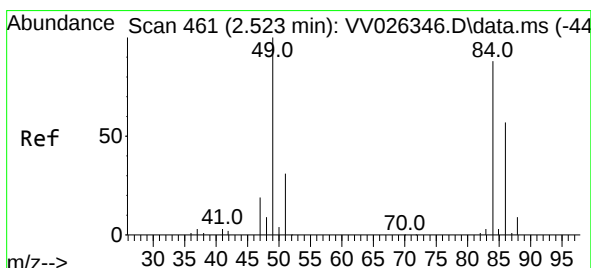
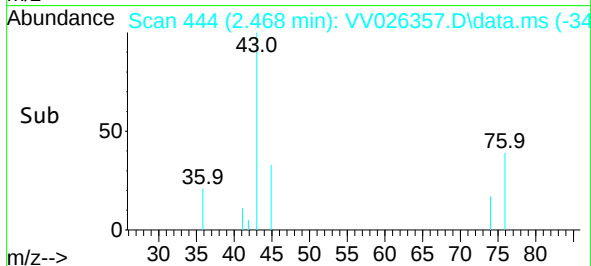
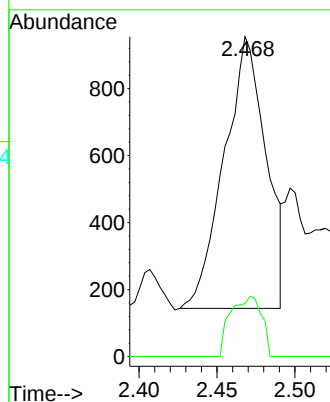
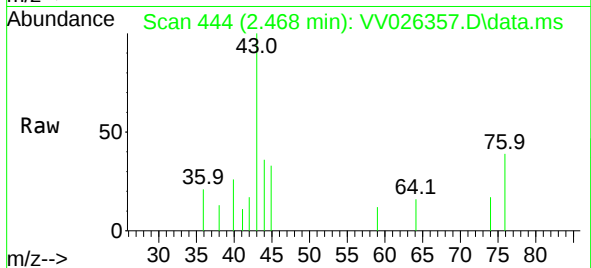
#15
Methyl Acetate
Concen: 0.500 ug/L
RT: 2.468 min Scan# 441
Delta R.T. 0.010 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

Instrument :
MSVOA_V
ClientSampleId :
BGJ73

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
74 16.4 21.4 32.0

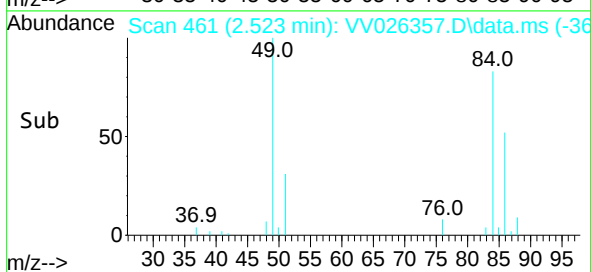
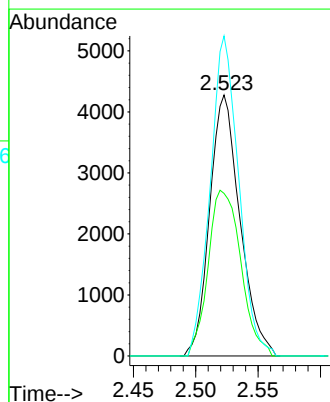
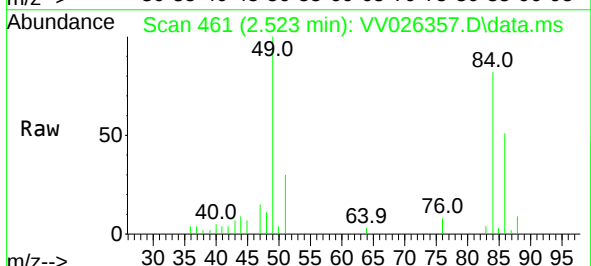
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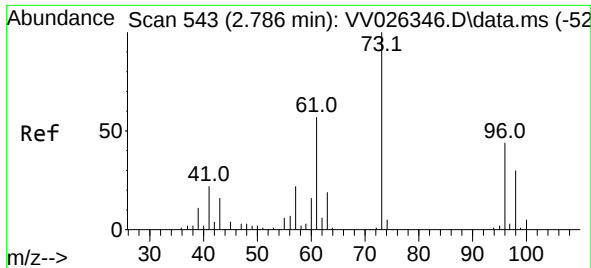
Reviewed By :Krupa Patel 06/17/2022
Supervised By :Mahesh Dadoda 06/20/2022



#16
Methylene chloride
Concen: 0.466 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

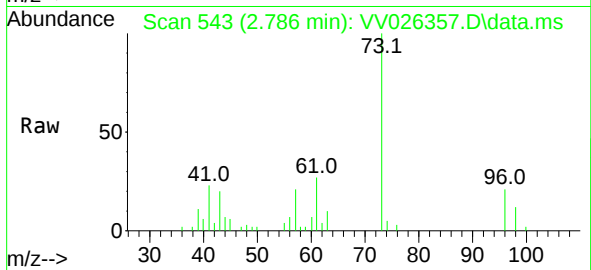
Tgt Ion: 84 Resp: 7241
Ion Ratio Lower Upper
84 100
86 62.3 44.0 81.8
49 122.6 77.3 143.7





#17
Methyl tert-butyl Ether
Concen: 0.701 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.000 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

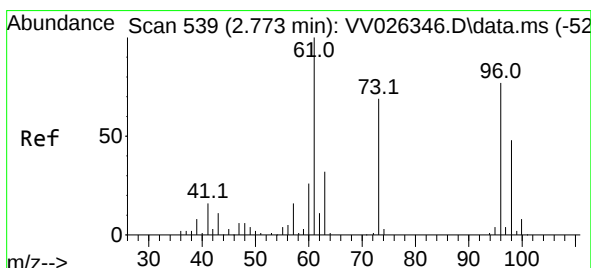
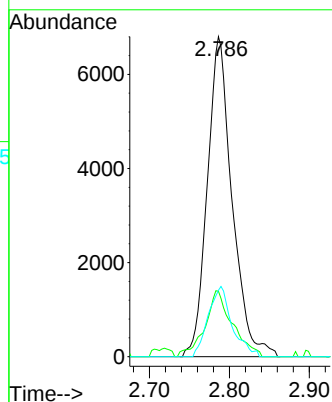
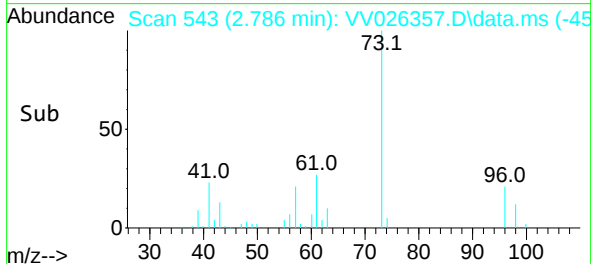
Instrument :
MSVOA_V
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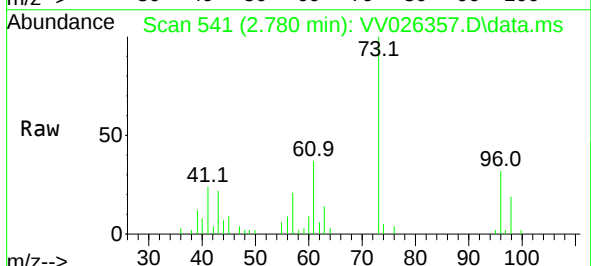
Tgt Ion: 73 Resp: 1466
Ion Ratio Lower Upper
73 100
43 22.8 13.0 19.6
57 21.0 17.6 26.4

Manual Integrations
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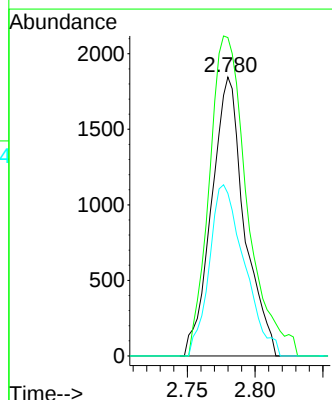
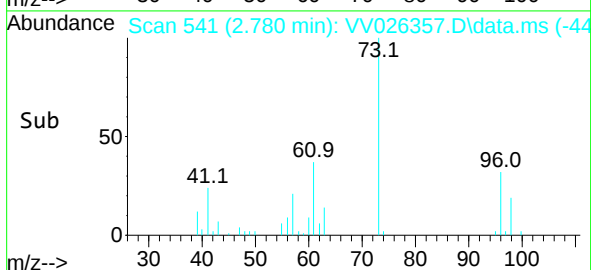
Reviewed By :Krupa Patel 06/17/2022
Supervised By :Mahesh Dadoda 06/20/2022

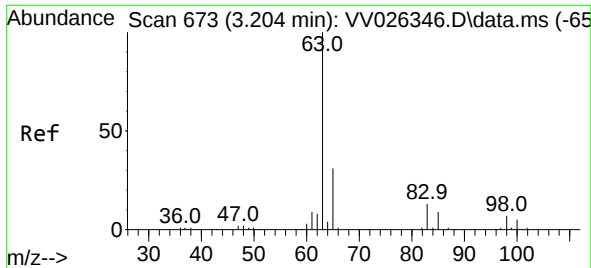


#18
trans-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.007 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16



Tgt Ion: 96 Resp: 3113
Ion Ratio Lower Upper
96 100
61 114.1 91.3 169.6
98 58.3 45.3 84.1





#19

1,1-Dichloroethane

Concen: 57.940 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026357.D

Acq: 17 Jun 2022 01:16

Instrument :

MSVOA_V

ClientSampleId :

BGJ73

Tgt Ion: 63 Resp: 1303918

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

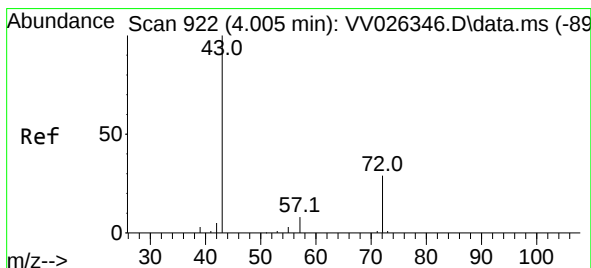
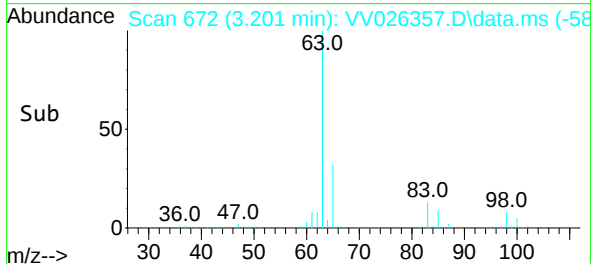
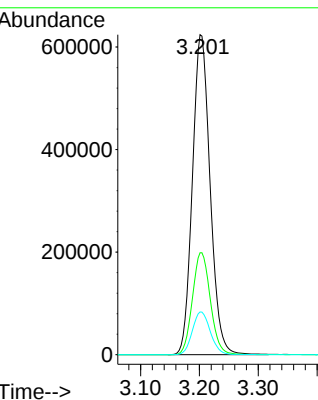
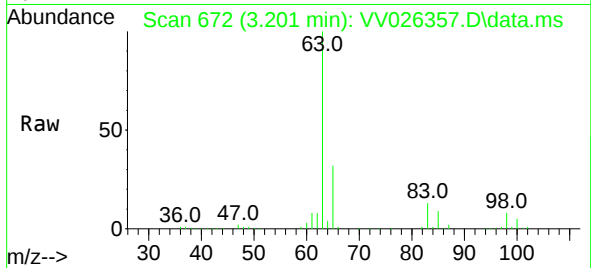
83 13.4 8.9 16.5

Manual Integrations

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Reviewed By :Krupa Patel 06/17/2022

Supervised By :Mahesh Dadoda 06/20/2022



#21

2-Butanone

Concen: 6.911 ug/L m

RT: 4.024 min Scan# 928

Delta R.T. 0.019 min

Lab File: VV026357.D

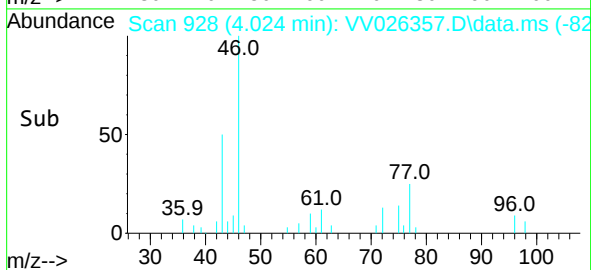
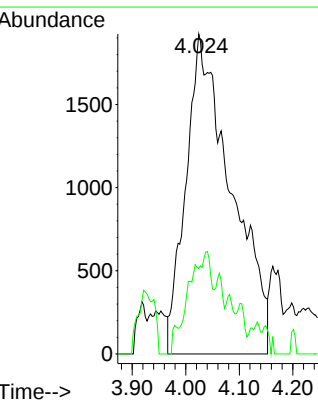
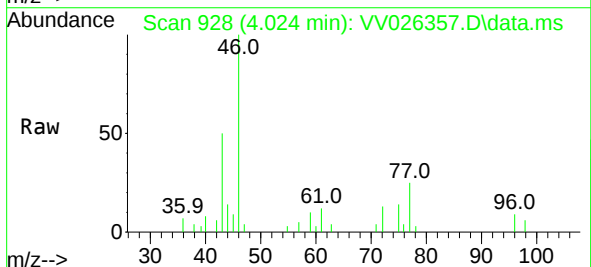
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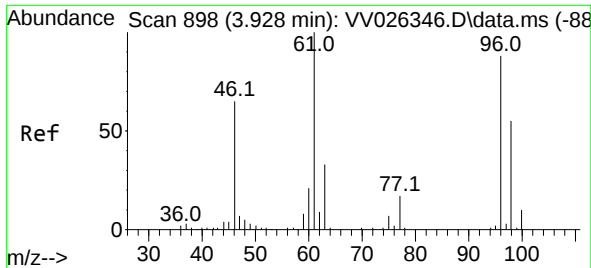
Tgt Ion: 43 Resp: 11311

Ion Ratio Lower Upper

43 100

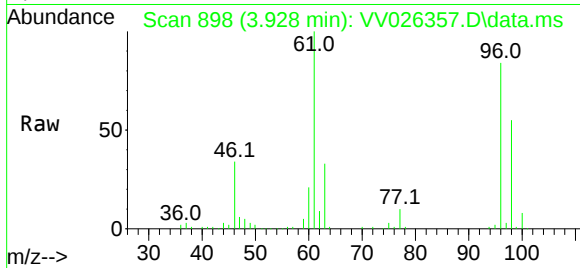
72 7.7 12.7 38.0#





#22
 cis-1,2-Dichloroethene
 Concen: 9.760 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VV026357.D
 Acq: 17 Jun 2022 01:16

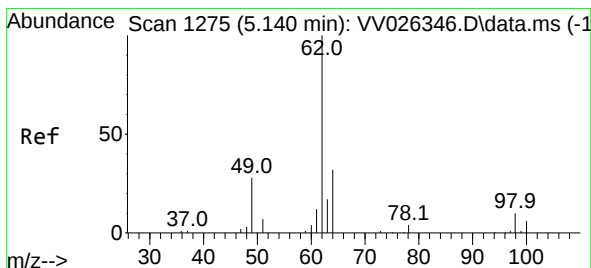
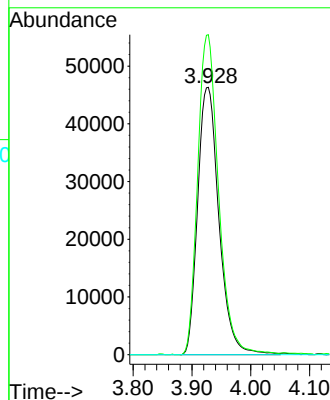
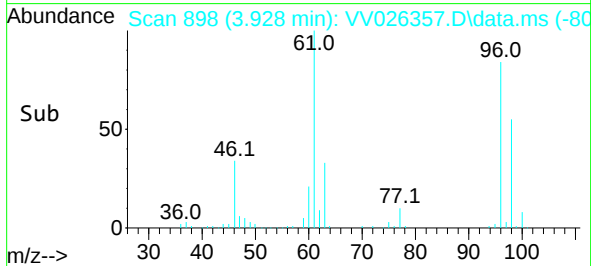
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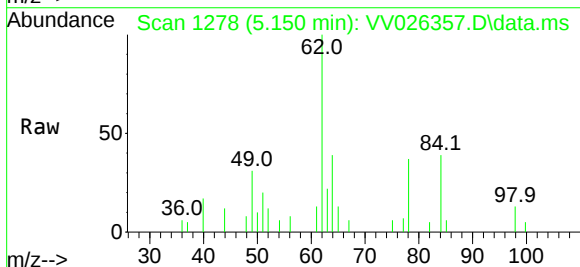
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 Ion Ratio Lower Upper
 96 100
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 68 0.0 0.0 0.0

Manual Integrations
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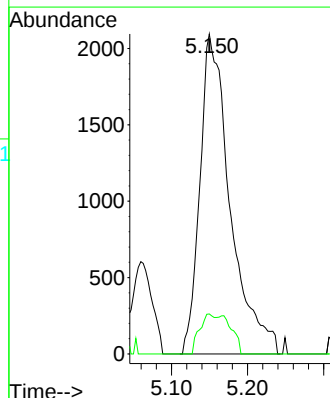
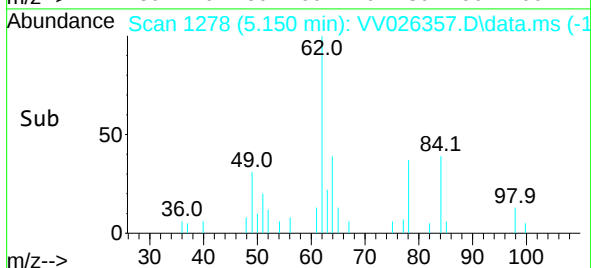
Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/20/2022

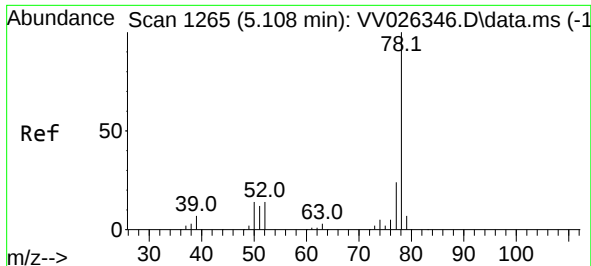


#27
 1,2-Dichloroethane
 Concen: 0.521 ug/L
 RT: 5.150 min Scan# 1278
 Delta R.T. 0.010 min
 Lab File: VV026357.D
 Acq: 17 Jun 2022 01:16



Tgt Ion: 62 Resp: 5787
 Ion Ratio Lower Upper
 62 100
 98 12.5 8.6 13.0





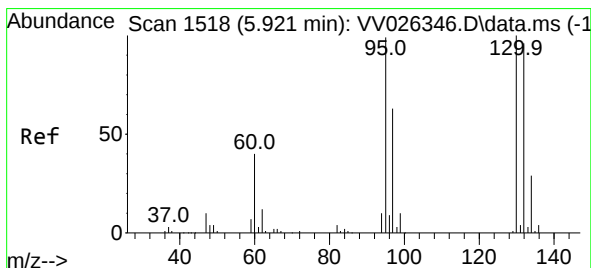
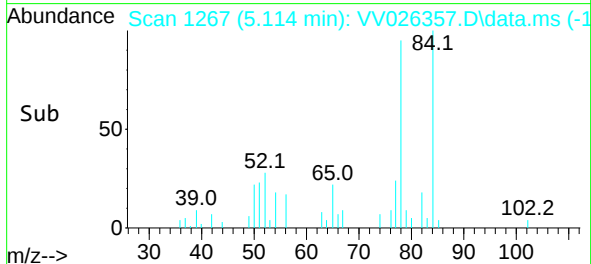
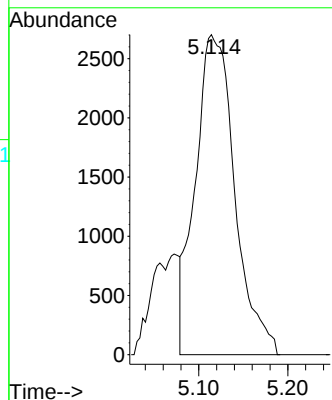
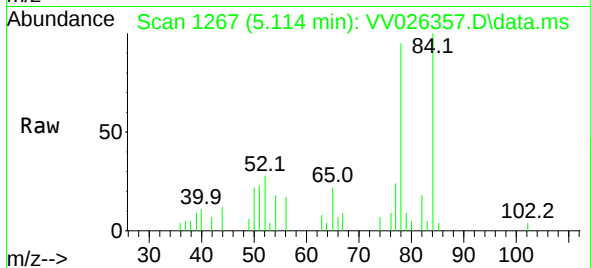
#33
Benzene
Concen: 0.179 ug/L
RT: 5.114 min Scan# 1511
Delta R.T. 0.007 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

Instrument :
MSVOA_V
ClientSampleId :
BGJ73

Tgt Ion: 78 Resp: 8310

Manual Integrations
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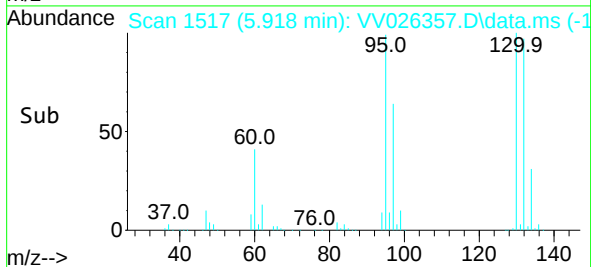
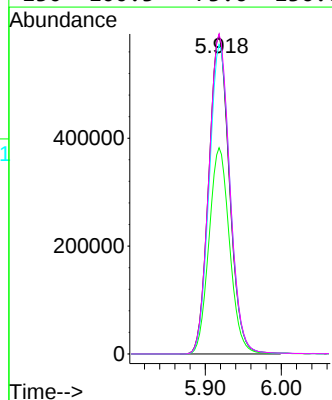
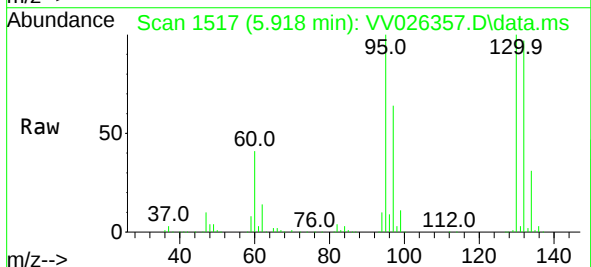
Reviewed By :Krupa Patel 06/17/2022
Supervised By :Mahesh Dadoda 06/20/2022

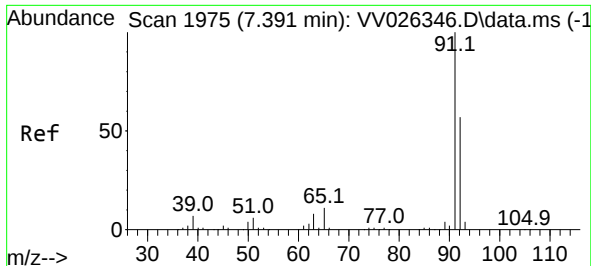


#34
Trichloroethene
Concen: 87.989 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

Tgt Ion: 95 Resp: 1115138

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.3
132	97.0	68.8	127.8
130	100.3	73.6	136.6





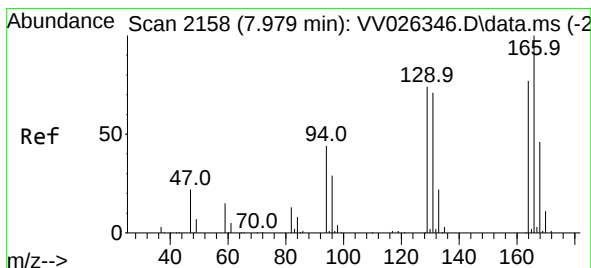
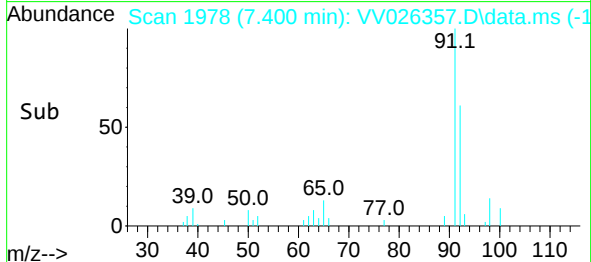
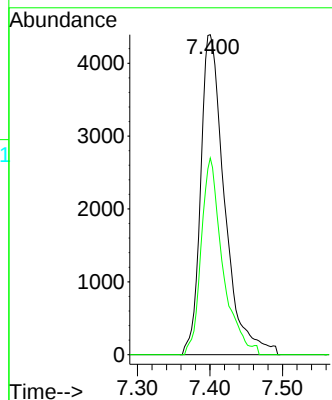
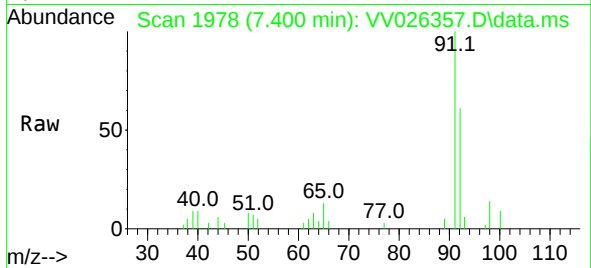
#42
Toluene
Concen: 0.206 ug/L
RT: 7.400 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

Instrument :
MSVOA_V
ClientSampleId :
BGJ73

Tgt Ion: 91 Resp: 1006
Ion Ratio Lower Upper
91 100
92 61.5 40.1 74.5

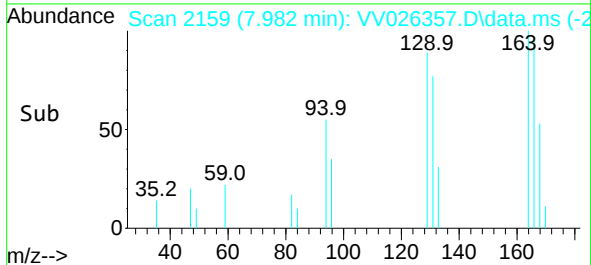
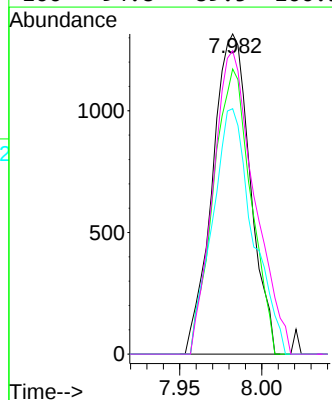
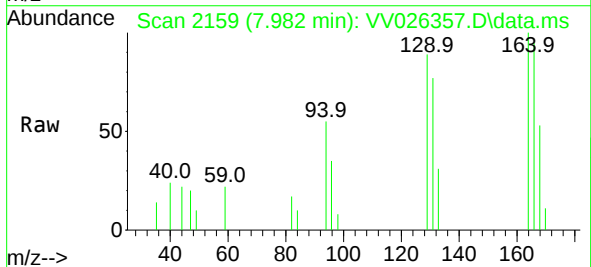
Manual Integrations
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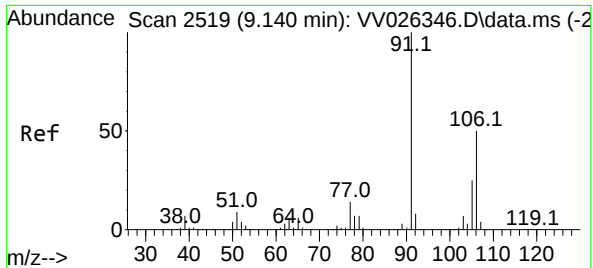
Reviewed By :Krupa Patel 06/17/2022
Supervised By :Mahesh Dadoda 06/20/2022



#47
Tetrachloroethene
Concen: 0.224 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV026357.D
Acq: 17 Jun 2022 01:16

Tgt Ion:164 Resp: 2105
Ion Ratio Lower Upper
164 100
129 89.1 67.5 125.3
131 76.7 63.8 118.4
166 94.8 89.5 166.3





#53
 m,p-Xylene
 Concen: 0.067 ug/L
 RT: 9.146 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV026357.D
 Acq: 17 Jun 2022 01:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ73

Tgt Ion:106 Resp: 1280
 Ion Ratio Lower Upper
 106 100
 91 205.9 141.3 262.3

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/20/2022

