

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025384.D
 Acq On : 07 Apr 2022 14:28
 Operator : SY/MD
 Sample : N2261-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY45

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 01:22:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	161463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77258	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59586	3.951	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.568	69	58893	4.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.111	63	117873	3.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	3.918	46	89109m	59.313	ug/L	0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.620%	
24) Chloroform-d	4.352	84	103987	5.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
26) 1,2-Dichloroethane-d4	5.037	65	45645	5.247	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.050	84	197406	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.072	67	61070	5.723	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.317	98	170342	4.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	7.625	79	18574	5.336	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	106.800%	
46) 2-Hexanone-d5	8.091	63	81765	65.036	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.080%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41414	5.821	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65380	5.269	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	39389	2.423	ug/L #	83
13) Acetone	2.207	43	8191m	7.145	ug/L	
17) Methyl tert-butyl Ether	2.770	73	5779	0.281	ug/L #	25
19) 1,1-Dichloroethane	3.191	63	74504	3.825	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	24219	2.043	ug/L	96
25) Chloroform	4.384	83	4311	0.199	ug/L	91
29) 1,1,1-Trichloroethane	4.613	97	15399	0.846	ug/L	98
33) Benzene	5.108	78	7317	0.166	ug/L	100
34) Trichloroethene	5.915	95	17225	1.421	ug/L	95
42) Toluene	7.394	91	32205	0.683	ug/L	96
47) Tetrachloroethene	7.976	164	18744	2.097	ug/L	97

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

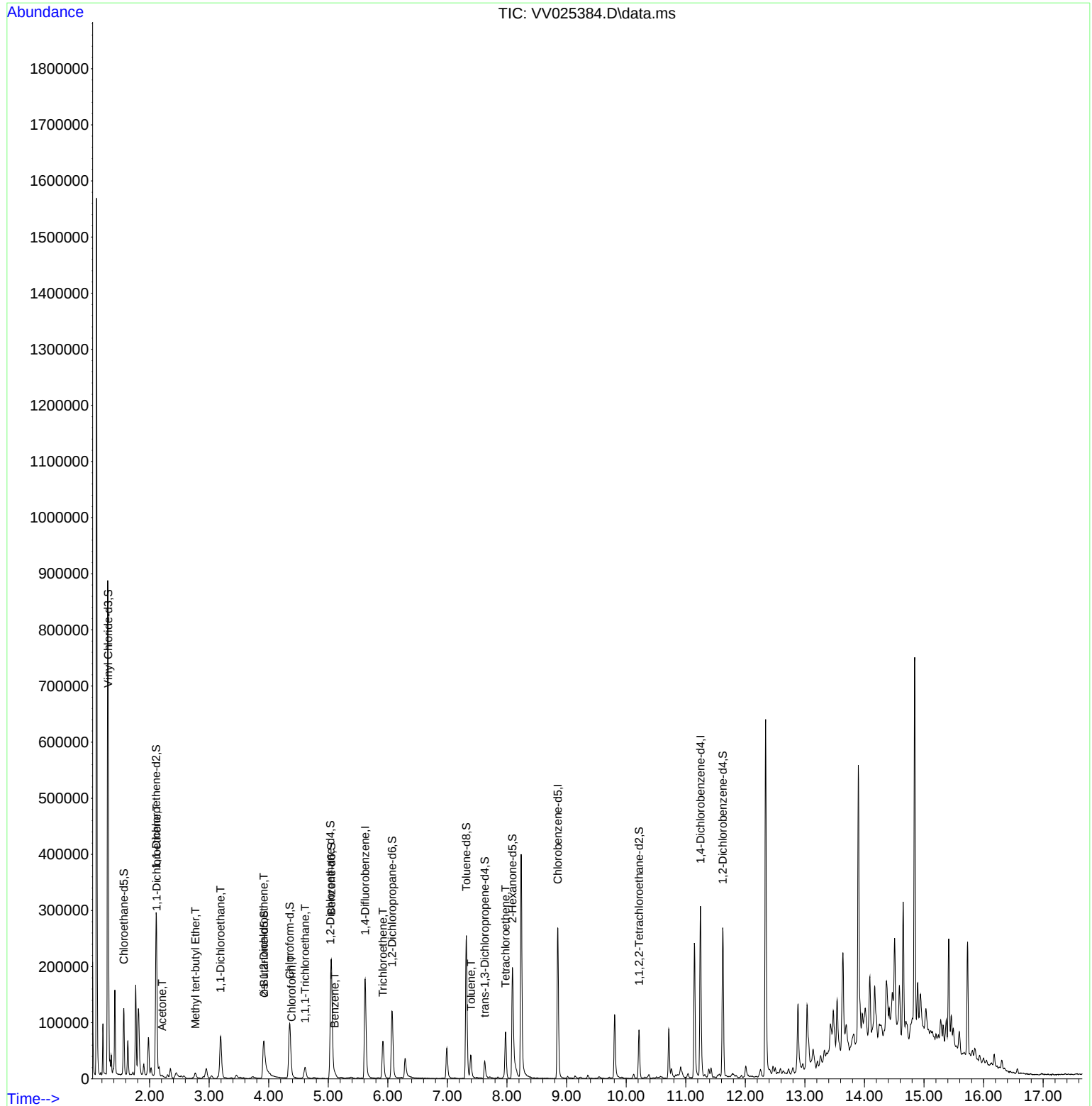
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Data File : VV025384.D
Acq On : 07 Apr 2022 14:28
Operator : SY/MD
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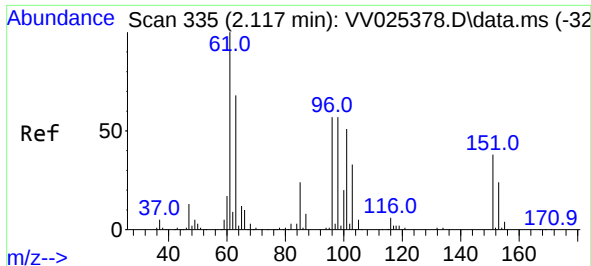
Instrument :
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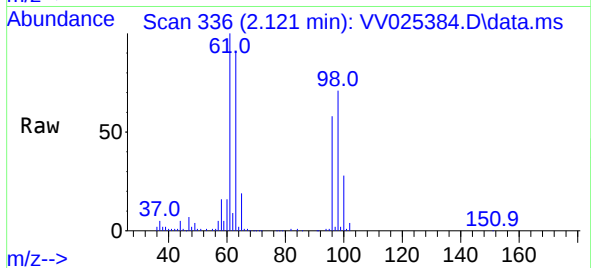
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 08 01:19:10 2022
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 2.423 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

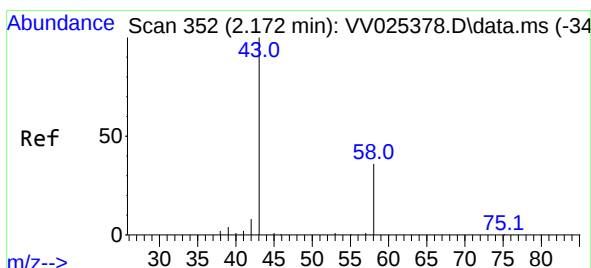
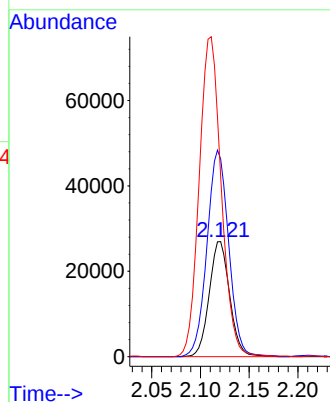
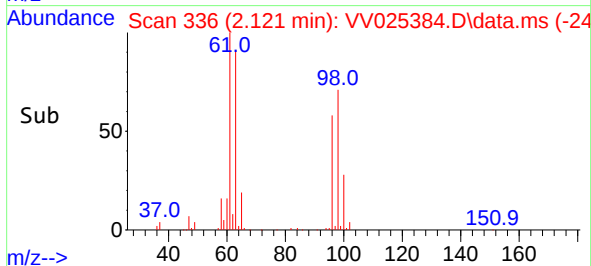
Instrument :
MSVOA_V
ClientSampleId :
BFY45



Tgt Ion: 96 Resp: 39389
Ion Ratio Lower Upper
96 100
61 171.8 121.5 225.7
63 156.6 77.9 144.7

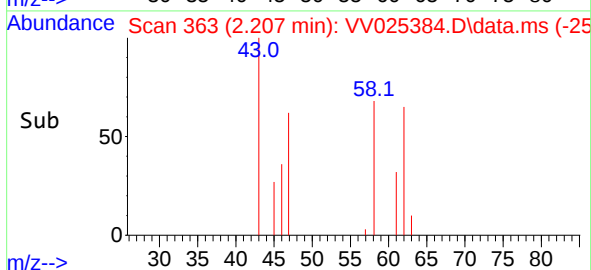
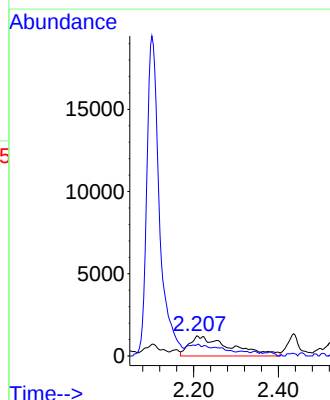
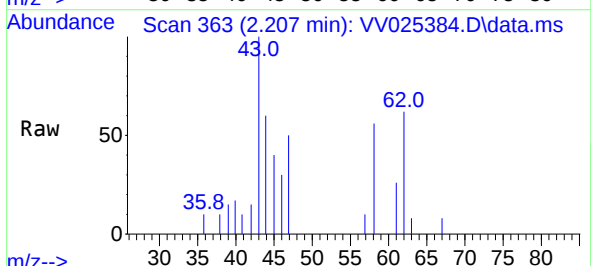
Manual Integrations
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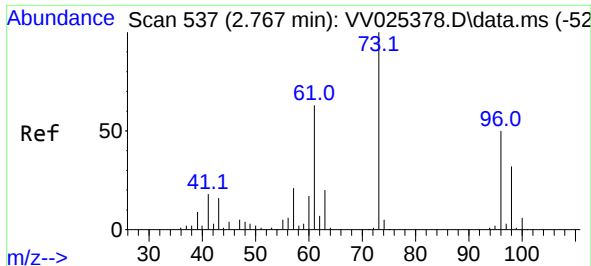
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#13
Acetone
Concen: 7.145 ug/L m
RT: 2.207 min Scan# 363
Delta R.T. 0.035 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

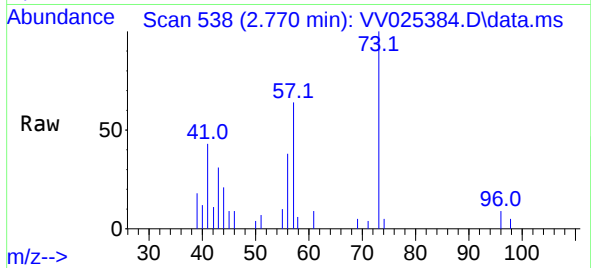
Tgt Ion: 43 Resp: 8191
Ion Ratio Lower Upper
43 100
58 0.0 0.0 51.2





#17
Methyl tert-butyl Ether
Concen: 0.281 ug/L
RT: 2.770 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

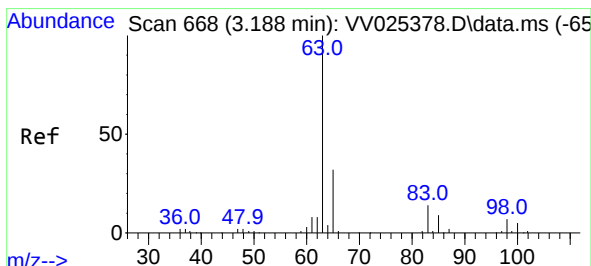
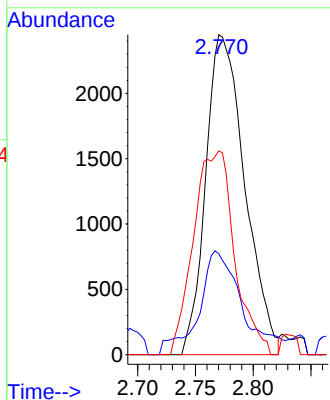
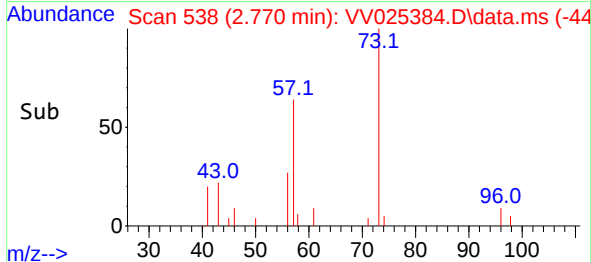
Instrument :
MSVOA_V
ClientSampleId :
BFY45



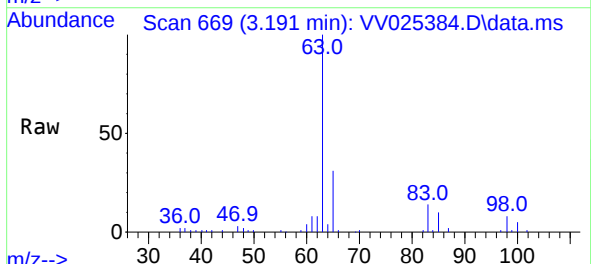
Tgt Ion: 73 Resp: 5779
Ion Ratio Lower Upper
73 100
43 36.0 13.5 20.3
57 66.7 16.4 24.6

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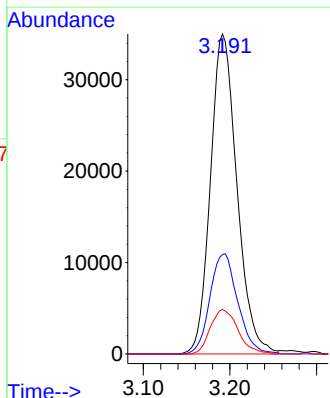
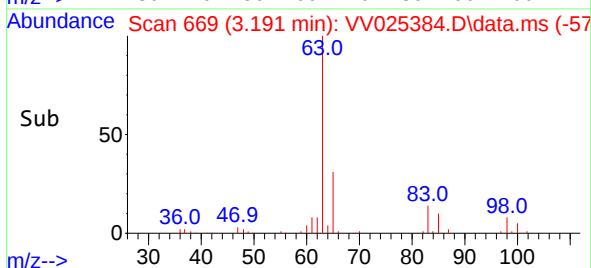
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

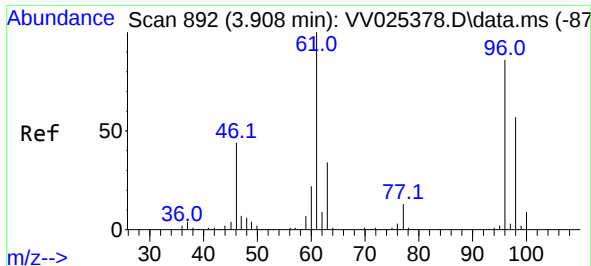


#19
1,1-Dichloroethane
Concen: 3.825 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28



Tgt Ion: 63 Resp: 74504
Ion Ratio Lower Upper
63 100
65 31.1 22.0 40.8
83 13.9 10.2 19.0





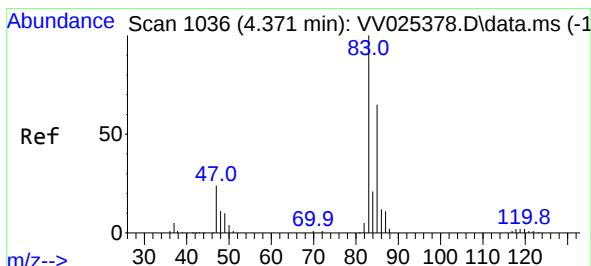
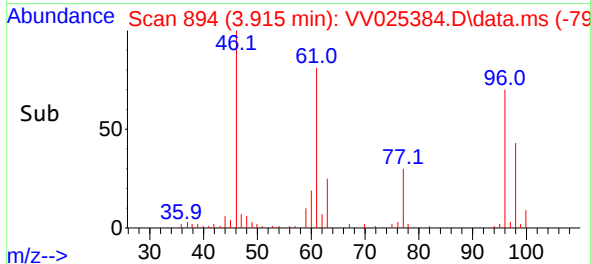
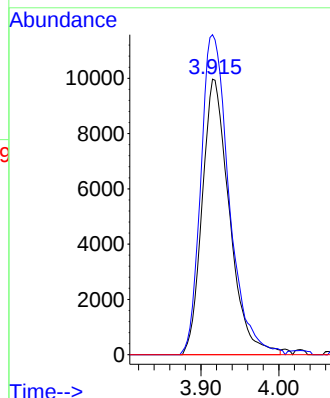
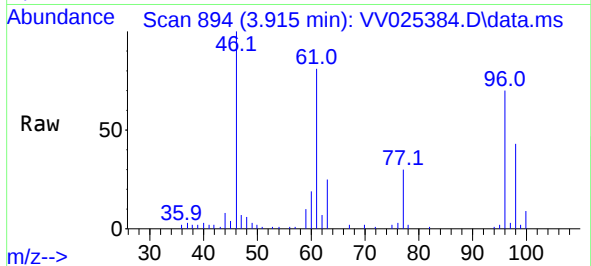
#22
cis-1,2-Dichloroethene
Concen: 2.043 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

Instrument :
MSVOA_V
ClientSampleId :
BFY45

Tgt Ion: 96 Resp: 24219
Ion Ratio Lower Upper
96 100
61 116.2 84.1 156.1
68 0.0 0.0 0.0

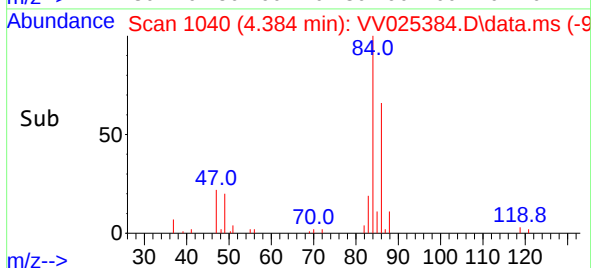
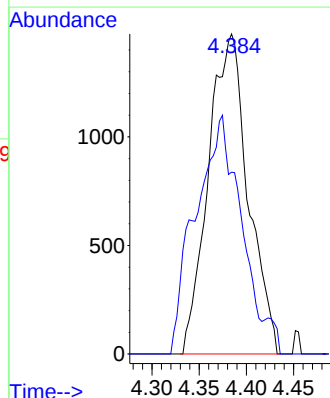
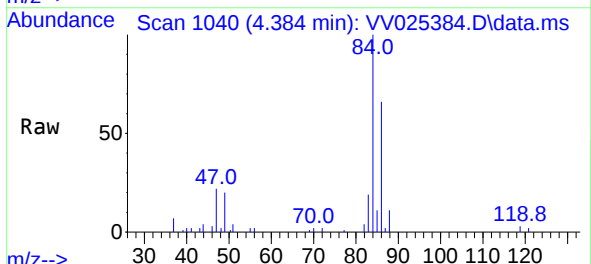
Manual Integrations
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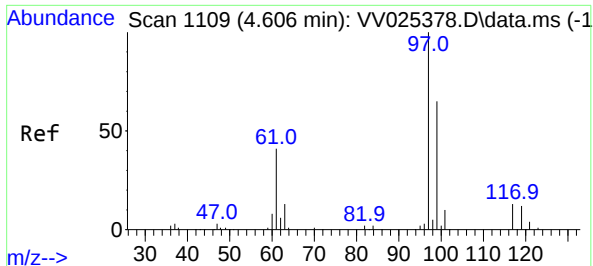
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#25
Chloroform
Concen: 0.199 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

Tgt Ion: 83 Resp: 4311
Ion Ratio Lower Upper
83 100
85 56.8 44.7 82.9





#29

1,1,1-Trichloroethane

Concen: 0.846 ug/L

RT: 4.613 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025384.D

Acq: 07 Apr 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

BFY45

Tgt Ion: 97 Resp: 1539

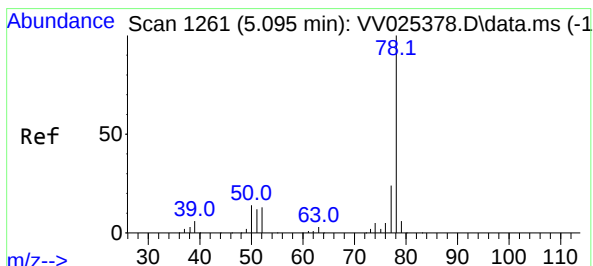
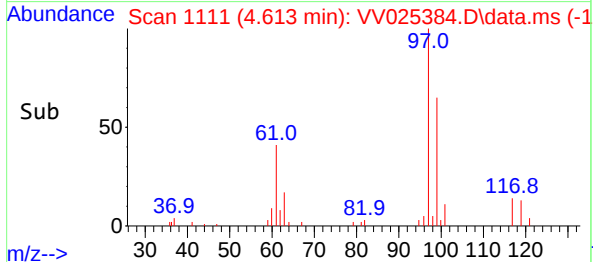
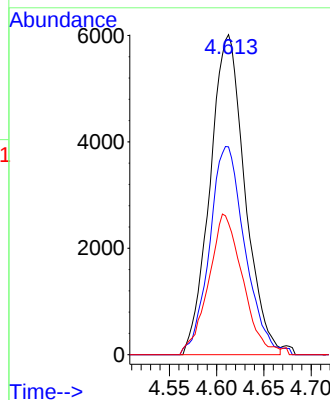
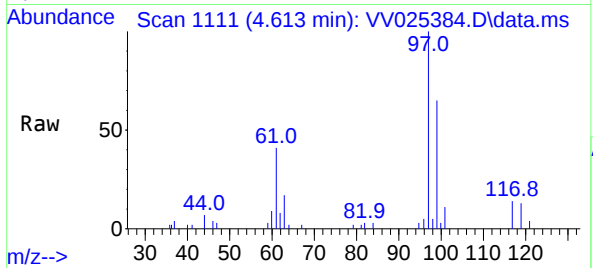
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.9	77.9
61	43.4	34.2	51.2

Manual Integrations

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#33

Benzene

Concen: 0.166 ug/L

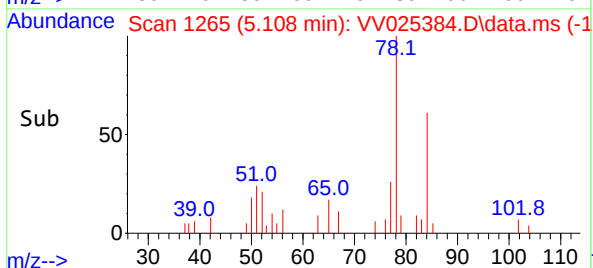
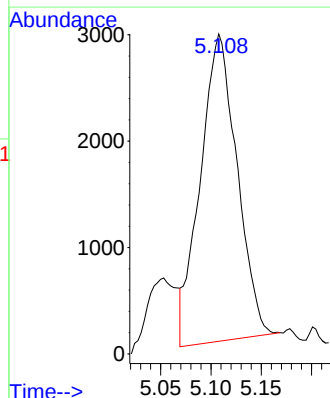
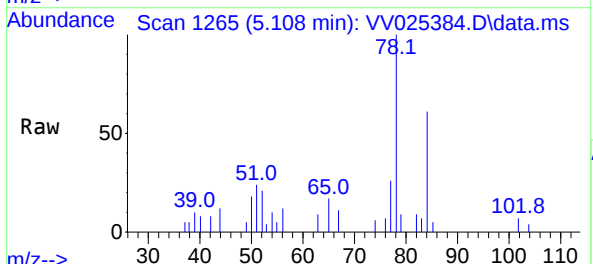
RT: 5.108 min Scan# 1265

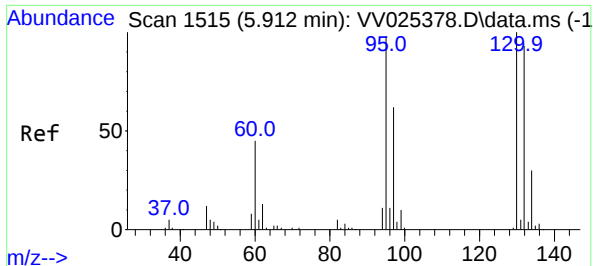
Delta R.T. 0.013 min

Lab File: VV025384.D

Acq: 07 Apr 2022 14:28

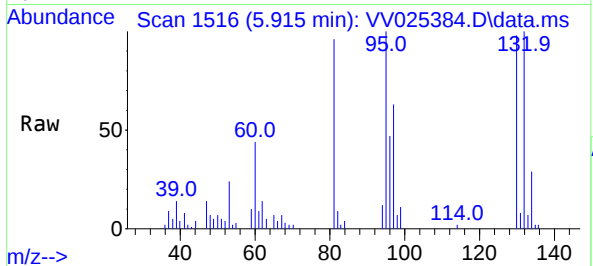
Tgt Ion: 78 Resp: 7317





#34
Trichloroethene
Concen: 1.421 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

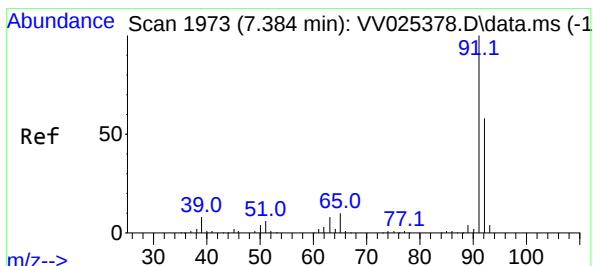
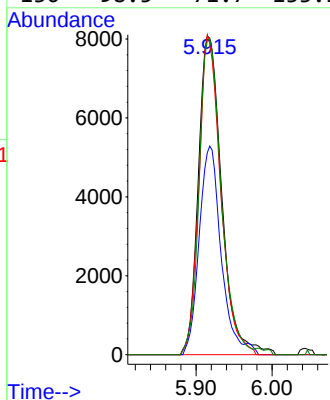
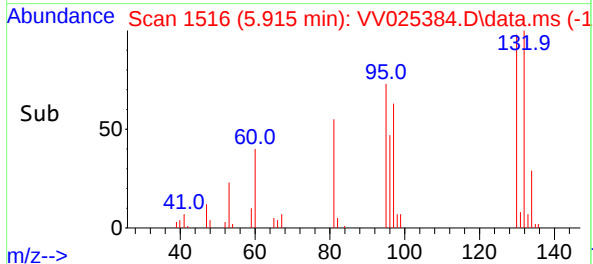
Instrument :
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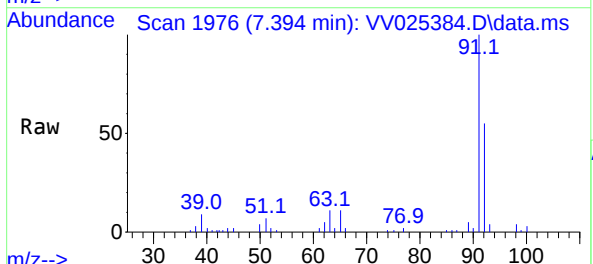
Tgt Ion: 95 Resp: 17225
Ion Ratio Lower Upper
95 100
97 63.3 46.3 85.9
132 100.4 65.2 121.2
130 98.5 71.7 133.1

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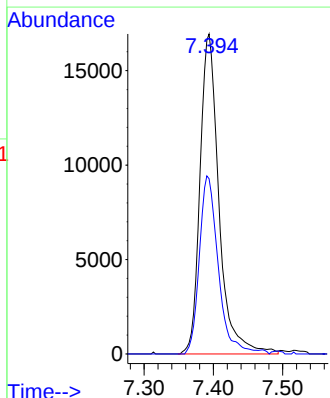
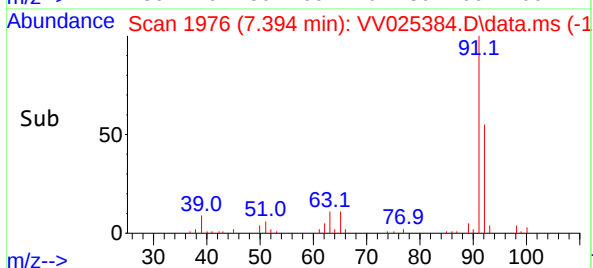
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

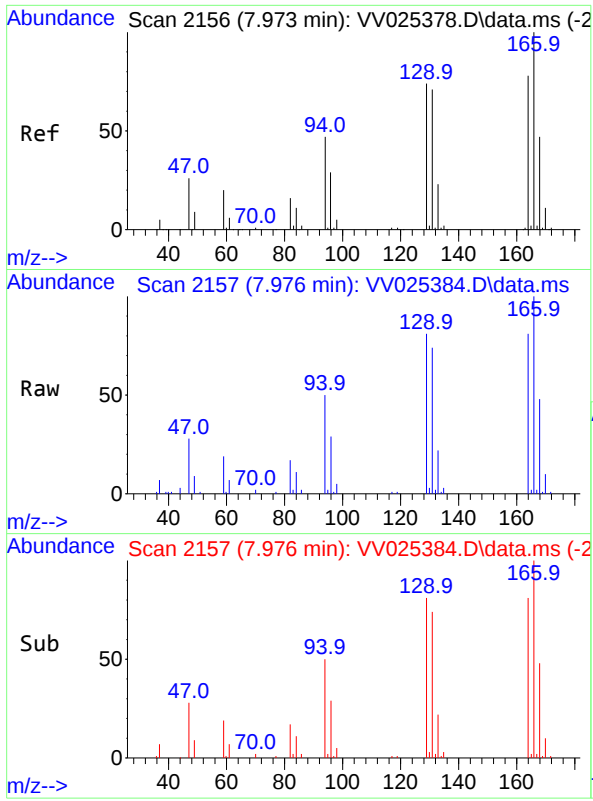


#42
Toluene
Concen: 0.683 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28



Tgt Ion: 91 Resp: 32205
Ion Ratio Lower Upper
91 100
92 54.8 40.3 74.9





#47
Tetrachloroethene
Concen: 2.097 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025384.D
Acq: 07 Apr 2022 14:28

Instrument :
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ClientSampleId :
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Tgt Ion:164	Resp:	18744
Ion	Ratio	Lower Upper
164	100	
129	100.5	67.5 125.4
131	91.4	68.0 126.4
166	124.1	86.2 160.2

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