

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025380.D
 Acq On : 07 Apr 2022 12:54
 Operator : SY/MD
 Sample : N2261-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY41

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 14:39:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	171256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51322	3.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.565	69	47740	3.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.105	63	75133	2.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.400%#
20) 2-Butanone-d5	3.931	46	56881m	35.696	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.400%
24) Chloroform-d	4.346	84	74876	3.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.031	65	34096	3.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
32) Benzene-d6	5.047	84	140650	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.066	67	42230	4.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.313	98	118059	3.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.625	79	13689	4.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.092	63	46711	38.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31272	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	51429	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
13) Acetone	2.227	43	16582m	13.637	ug/L	
17) Methyl tert-butyl Ether	2.773	73	3414	0.157	ug/L #	24
19) 1,1-Dichloroethane	3.188	63	21557	1.043	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	2777	0.221	ug/L	77
25) Chloroform	4.375	83	7533	0.329	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	2945	0.168	ug/L #	86
33) Benzene	5.101	78	10494	0.247	ug/L	100
34) Trichloroethene	5.918	95	2752	0.236	ug/L #	73
47) Tetrachloroethene	7.976	164	2779	0.323	ug/L	90
52) Ethylbenzene	9.021	91	1877	0.039	ug/L #	80
53) m,p-Xylene	9.140	106	1463	0.078	ug/L	84
54) o-Xylene	9.548	106	1920	0.107	ug/L	70
63) 1,2,4-Trimethylbenzene	10.918	105	9291	0.260	ug/L	95

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

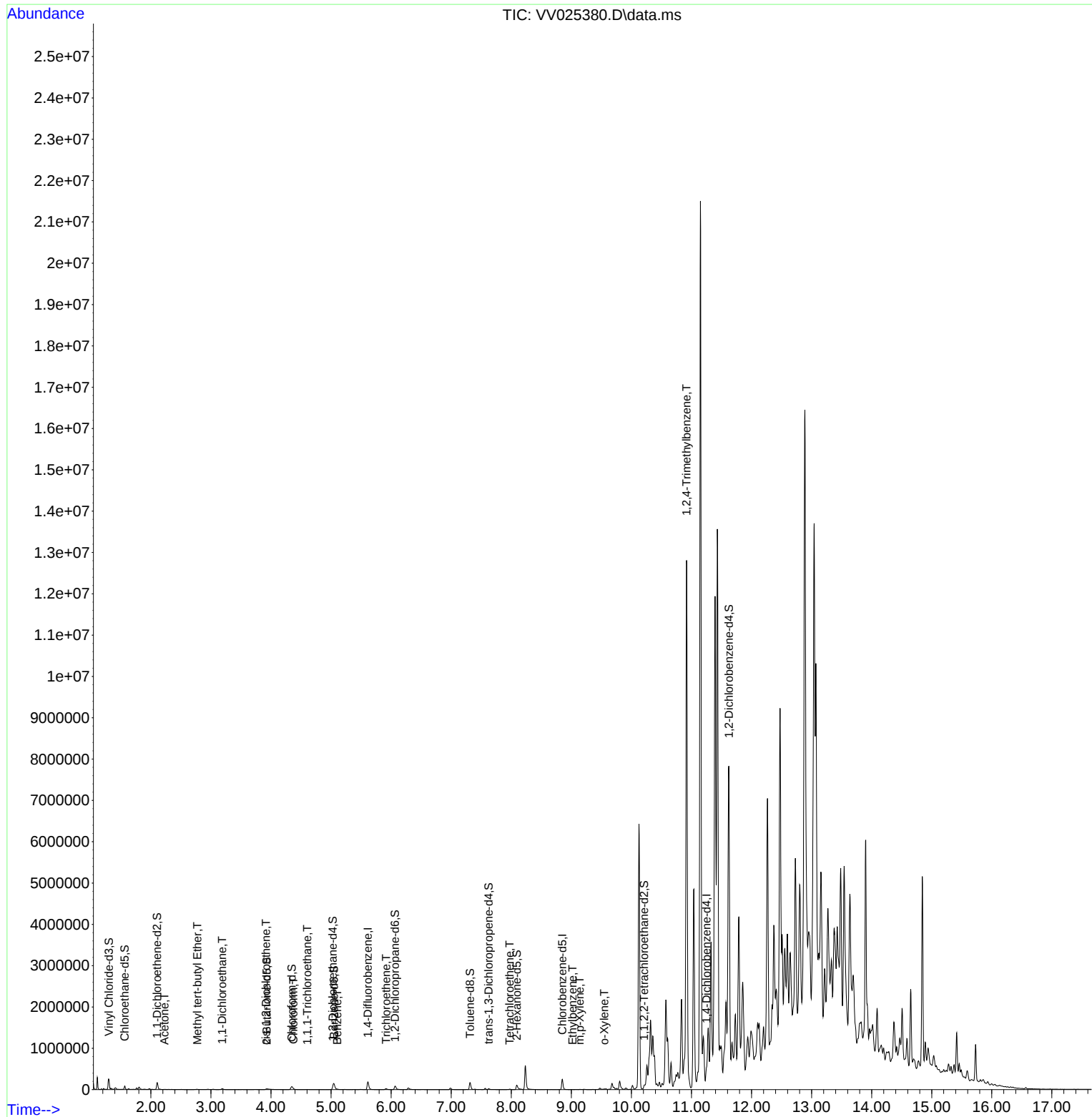
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
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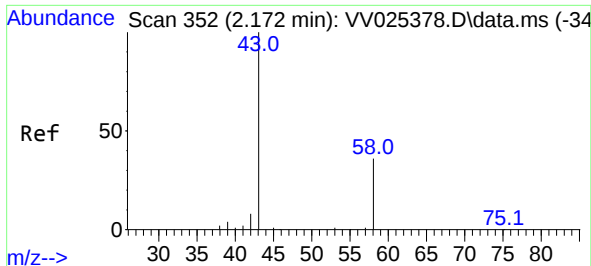
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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Quant Title : TRACE VOA SFAM1.0
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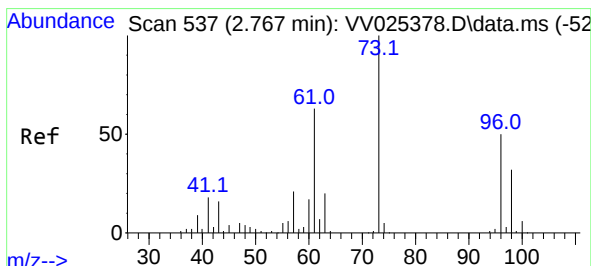
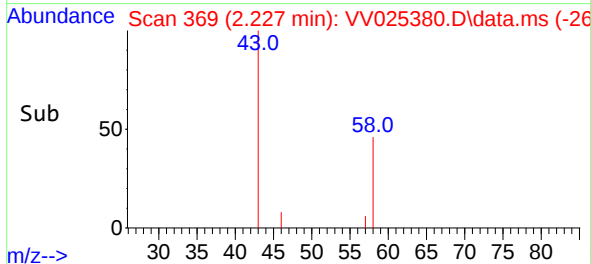
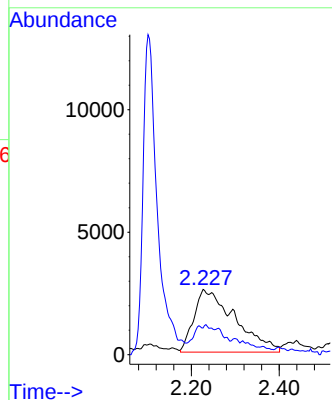
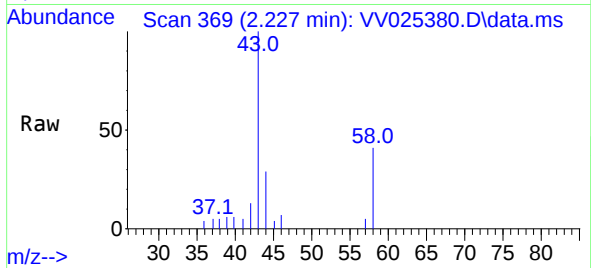
#13
Acetone
Concen: 13.637 ug/L m
RT: 2.227 min Scan# 30
Delta R.T. 0.036 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Instrument :
MSVOA_V
ClientSampleId :
BFY41

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 0.0 0.0 51.2

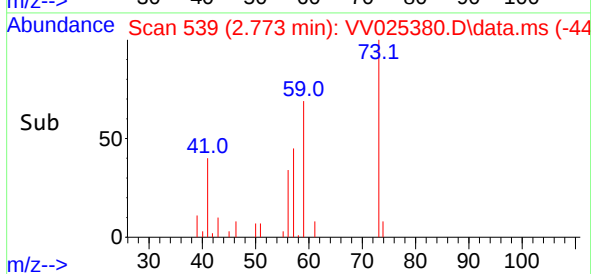
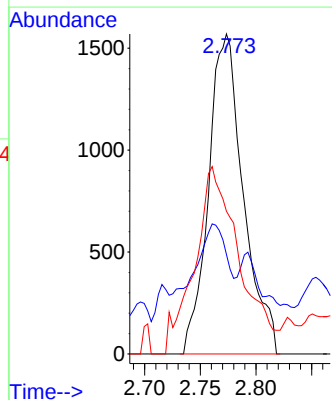
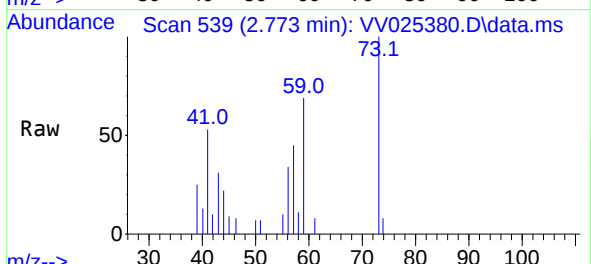
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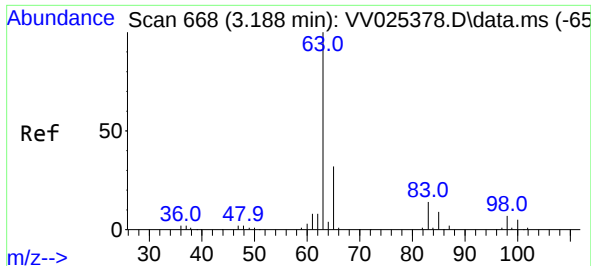
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.007 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Tgt Ion: 73 Resp: 3414
Ion Ratio Lower Upper
73 100
43 27.9 13.5 20.3#
57 75.2 16.4 24.6#





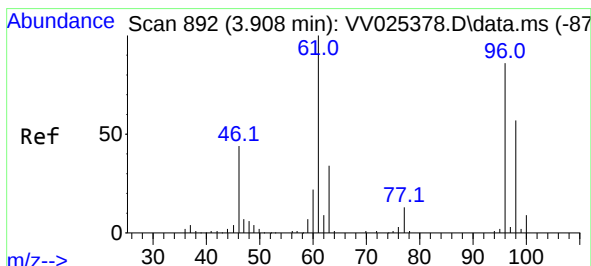
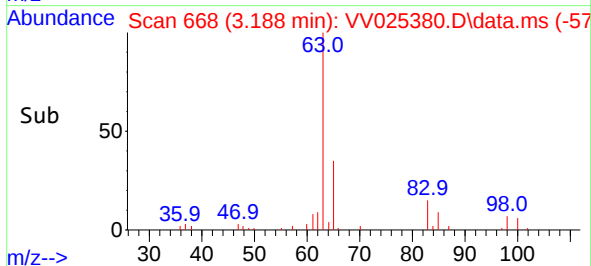
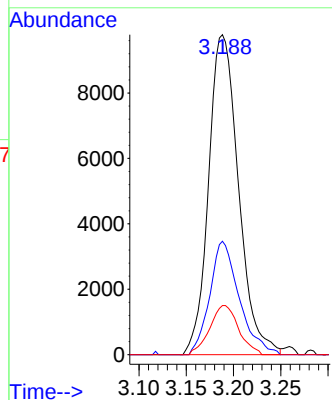
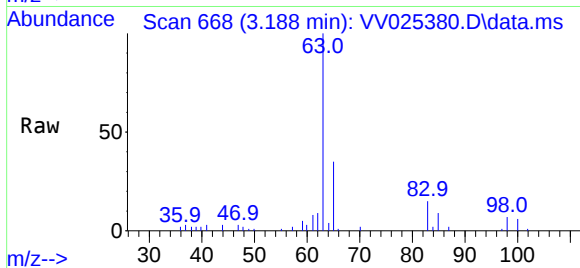
#19
1,1-Dichloroethane
Concen: 1.043 ug/L
RT: 3.188 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Instrument :
MSVOA_V
ClientSampleId :
BFY41

Tgt Ion:	63	Resp:	2155
Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.0	40.8
83	15.4	10.2	19.0

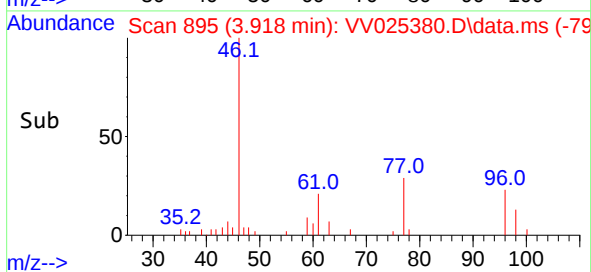
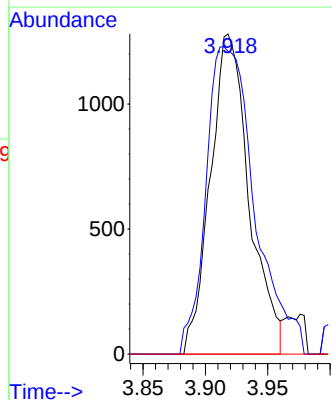
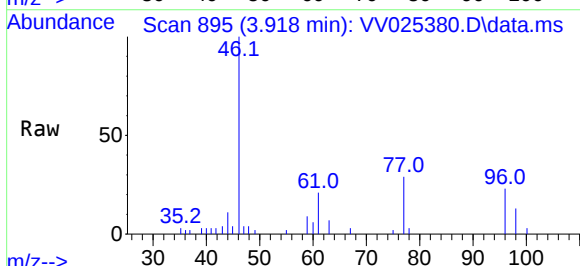
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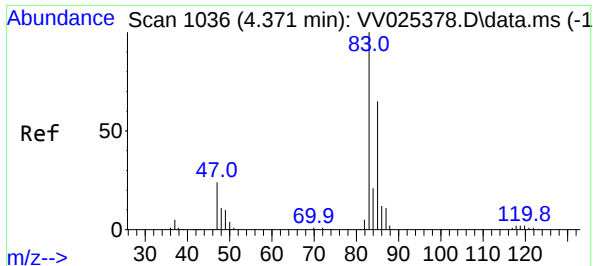
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#22
cis-1,2-Dichloroethene
Concen: 0.221 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Tgt Ion:	96	Resp:	2777
Ion	Ratio	Lower	Upper
96	100		
61	94.5	84.1	156.1
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.329 ug/L

RT: 4.375 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV025380.D

Acq: 07 Apr 2022 12:54

Instrument :

MSVOA_V

ClientSampleId :

BFY41

Tgt Ion: 83 Resp: 753

Ion Ratio Lower Upper

83 100

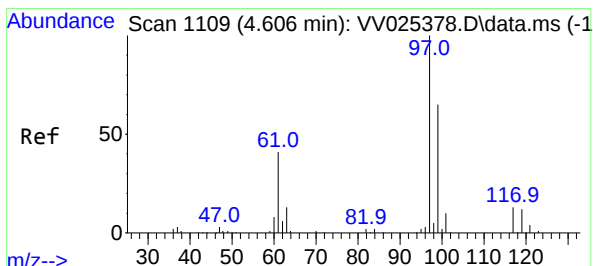
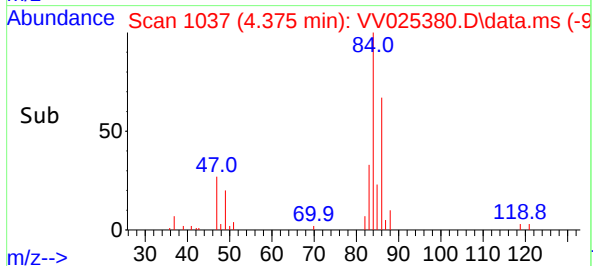
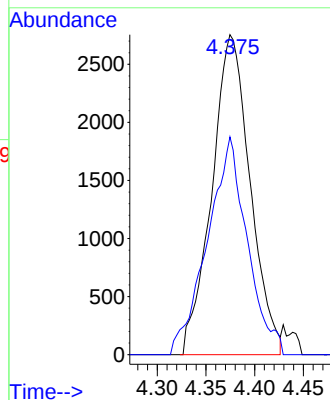
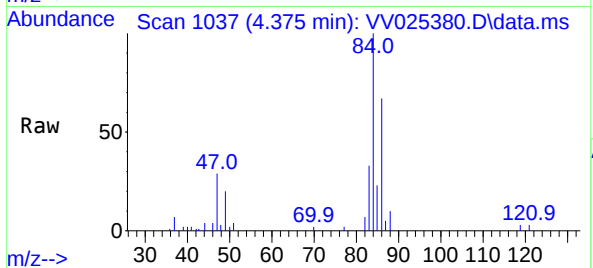
85 68.1 44.7 82.9

Manual Integrations

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Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#29

1,1,1-Trichloroethane

Concen: 0.168 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025380.D

Acq: 07 Apr 2022 12:54

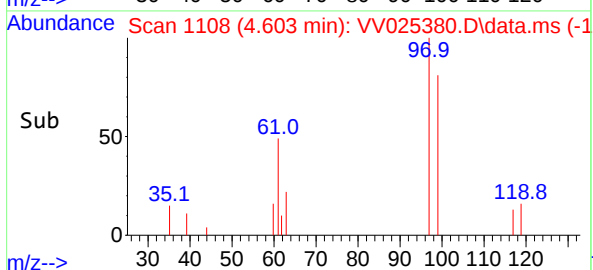
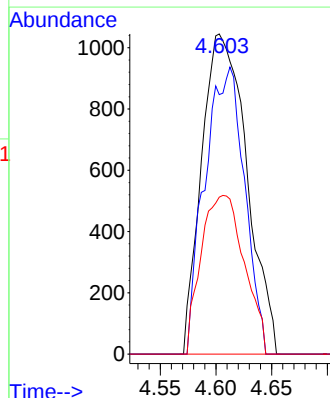
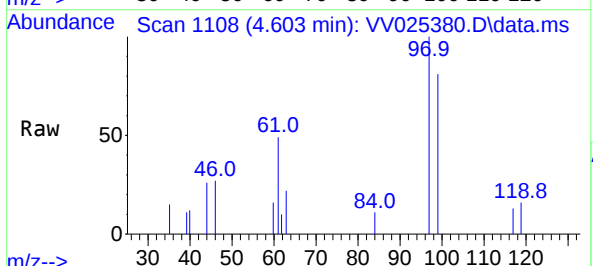
Tgt Ion: 97 Resp: 2945

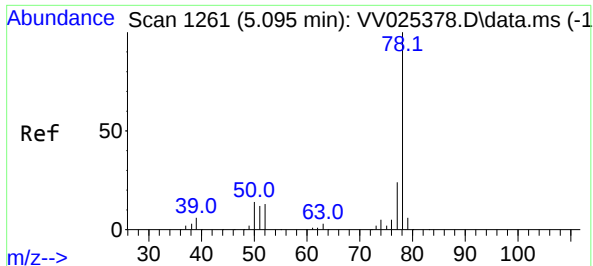
Ion Ratio Lower Upper

97 100

99 78.9 51.9 77.9#

61 47.4 34.2 51.2





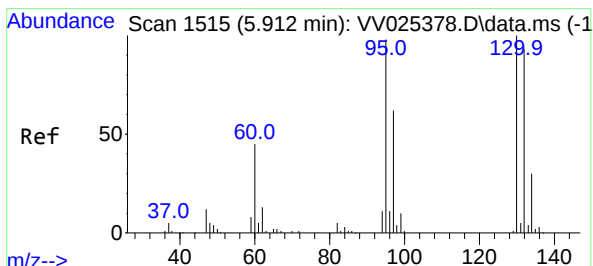
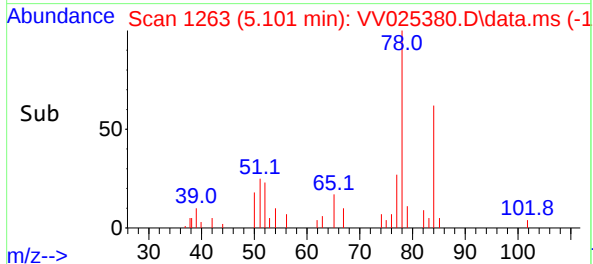
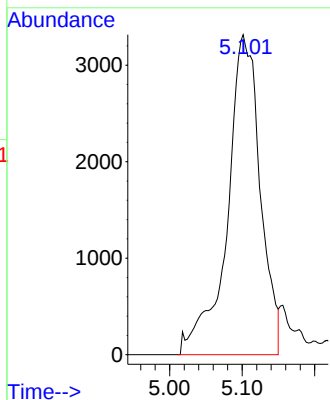
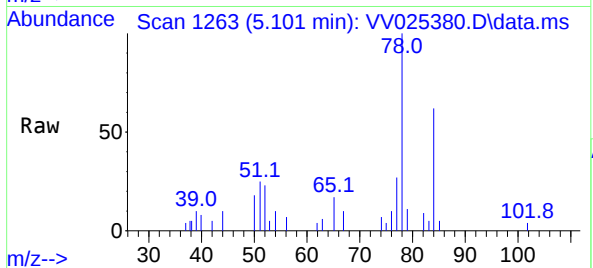
#33
Benzene
Concen: 0.247 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Instrument :
MSVOA_V
ClientSampleId :
BFY41

Tgt Ion: 78 Resp: 10494

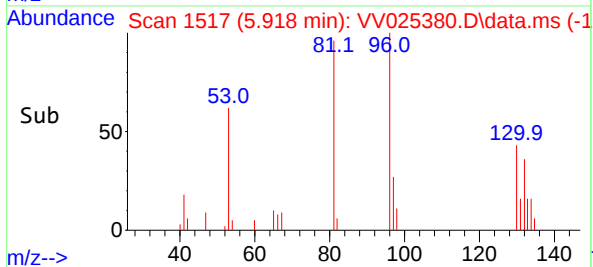
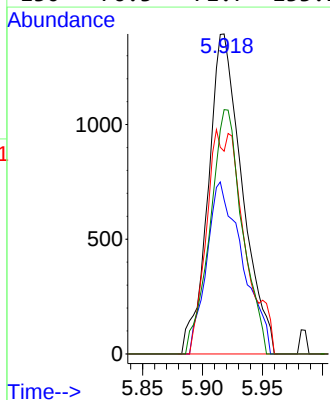
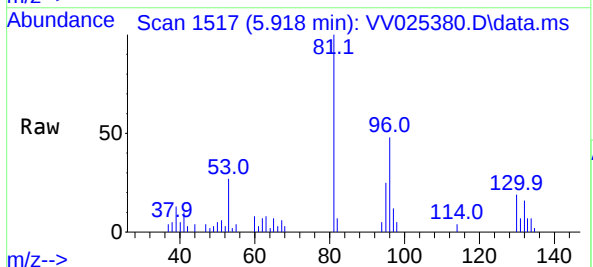
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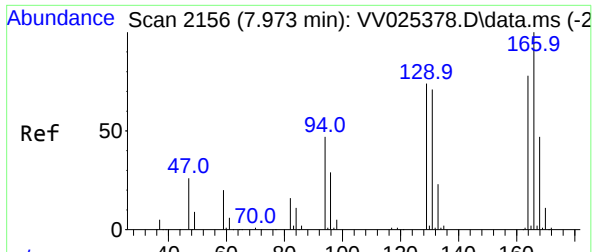
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#34
Trichloroethene
Concen: 0.236 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

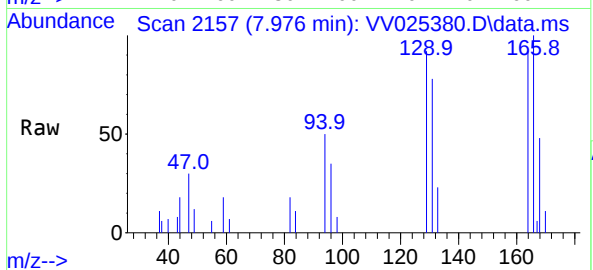
Tgt Ion: 95 Resp: 2752
Ion Ratio Lower Upper
95 100
97 48.2 46.3 85.9
132 63.4 65.2 121.2#
130 76.3 71.7 133.1





#47
Tetrachloroethene
Concen: 0.323 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

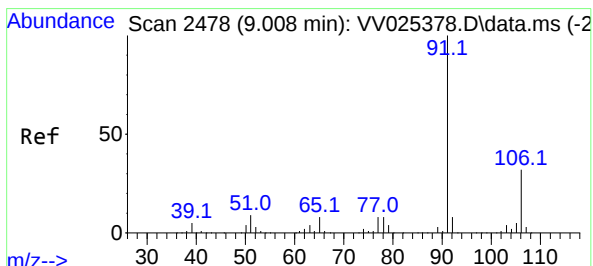
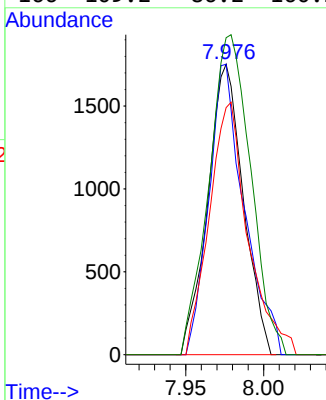
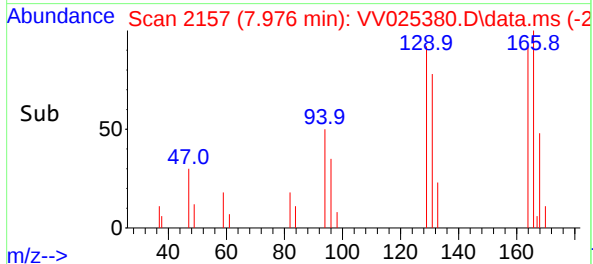
Instrument :
MSVOA_V
ClientSampleId :
BFY41



Tgt Ion:164 Resp: 2779
Ion Ratio Lower Upper
164 100
129 100.0 67.5 125.4
131 85.1 68.0 126.4
166 109.2 86.2 160.2

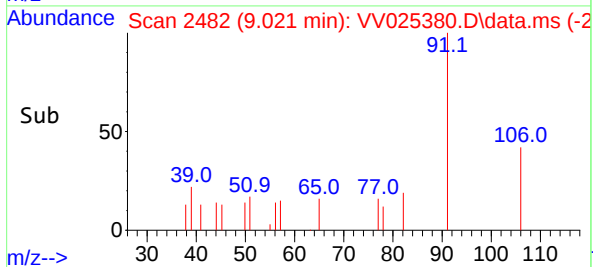
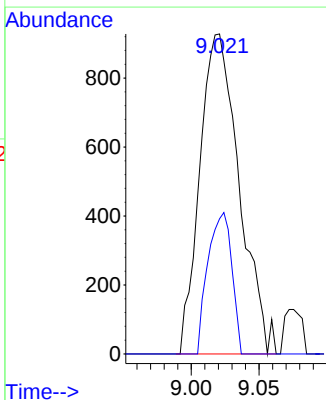
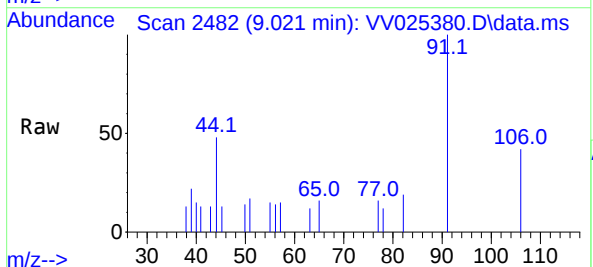
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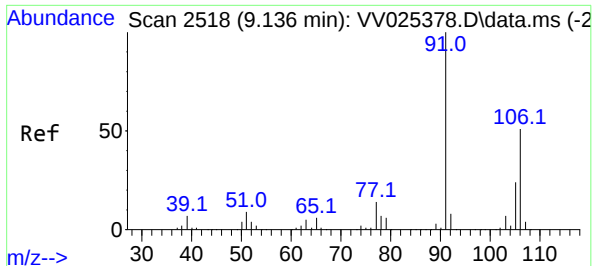
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#52
Ethylbenzene
Concen: 0.039 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Tgt Ion: 91 Resp: 1877
Ion Ratio Lower Upper
91 100
106 42.2 21.7 40.3#





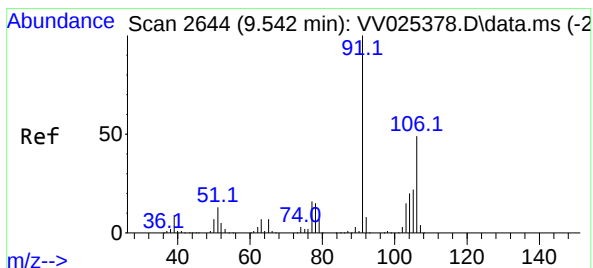
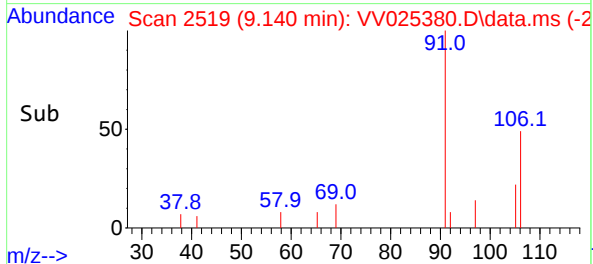
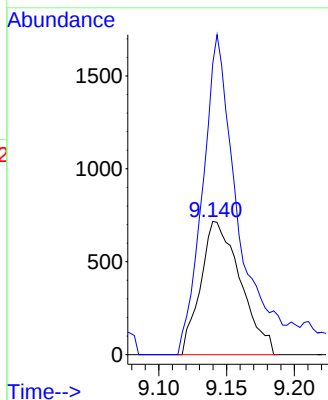
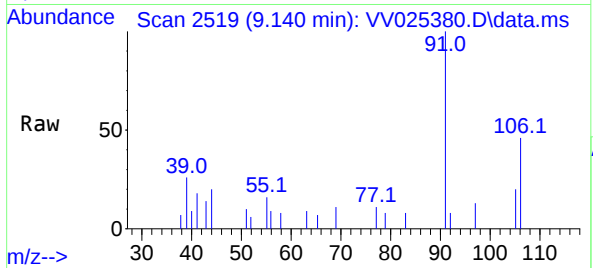
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m,p-Xylene
Concen: 0.078 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

Instrument :
MSVOA_V
ClientSampleId :
BFY41

Tgt Ion:106 Resp: 146
Ion Ratio Lower Upper
106 100
91 218.7 136.8 254.0

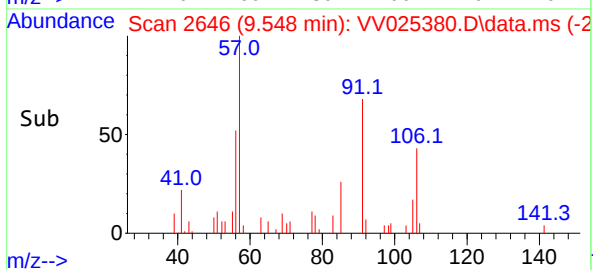
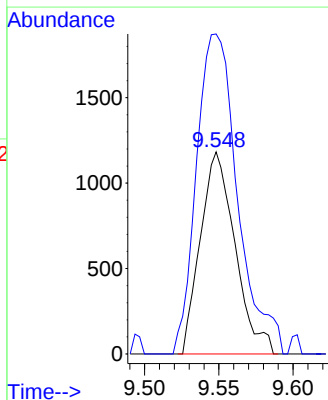
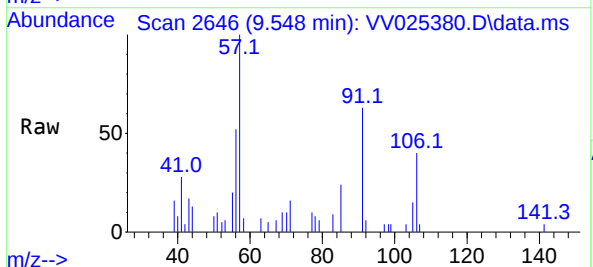
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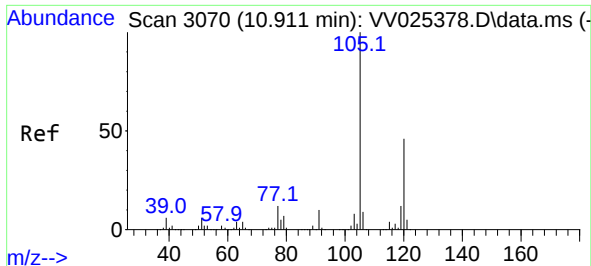
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#54
o-Xylene
Concen: 0.107 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV025380.D
Acq: 07 Apr 2022 12:54

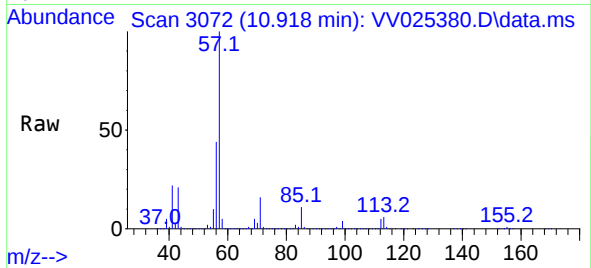
Tgt Ion:106 Resp: 1920
Ion Ratio Lower Upper
106 100
91 158.3 143.0 265.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.260 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.007 min
 Lab File: VV025380.D
 Acq: 07 Apr 2022 12:54

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:105 Resp: 929
 Ion Ratio Lower Upper
 105 100
 120 42.3 36.5 54.7

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