

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025383.D
 Acq On : 07 Apr 2022 14:05
 Operator : SY/MD
 Sample : N2261-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY44

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 01:21:46 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	160791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	149397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75150	5.004	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.000%		
7) Chloroethane-d5	1.568	69	65483	5.195	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.800%		
11) 1,1-Dichloroethene-d2	2.114	63	129869	3.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 79.800%		
20) 2-Butanone-d5	3.969	46	198748	132.845	ug/L	0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	= 265.680%#		
24) Chloroform-d	4.342	84	111404	5.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.600%		
26) 1,2-Dichloroethane-d4	5.040	65	45148	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.047	84	193384	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.088	67	58331	5.507	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.200%		
41) Toluene-d8	7.329	98	164459	4.744	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.800%		
43) trans-1,3-Dichloroprop...	7.638	79	16661	4.821	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.400%		
46) 2-Hexanone-d5	8.107	63	78201	62.660	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 125.320%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39988	5.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	63537	5.289	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.800%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.124	96	43036	2.658	ug/L #	71
13) Acetone	2.269	43	15722m	13.772	ug/L	
17) Methyl tert-butyl Ether	2.786	73	11290	0.551	ug/L #	82
19) 1,1-Dichloroethane	3.188	63	139020	7.167	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	42085	3.565	ug/L #	87
25) Chloroform	4.375	83	4221	0.196	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	15042	0.833	ug/L	97
33) Benzene	5.101	78	7811	0.178	ug/L	100
34) Trichloroethene	5.921	95	16013	1.331	ug/L	94
42) Toluene	7.403	91	29631	0.633	ug/L	93
47) Tetrachloroethene	7.985	164	17140	1.932	ug/L	96

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

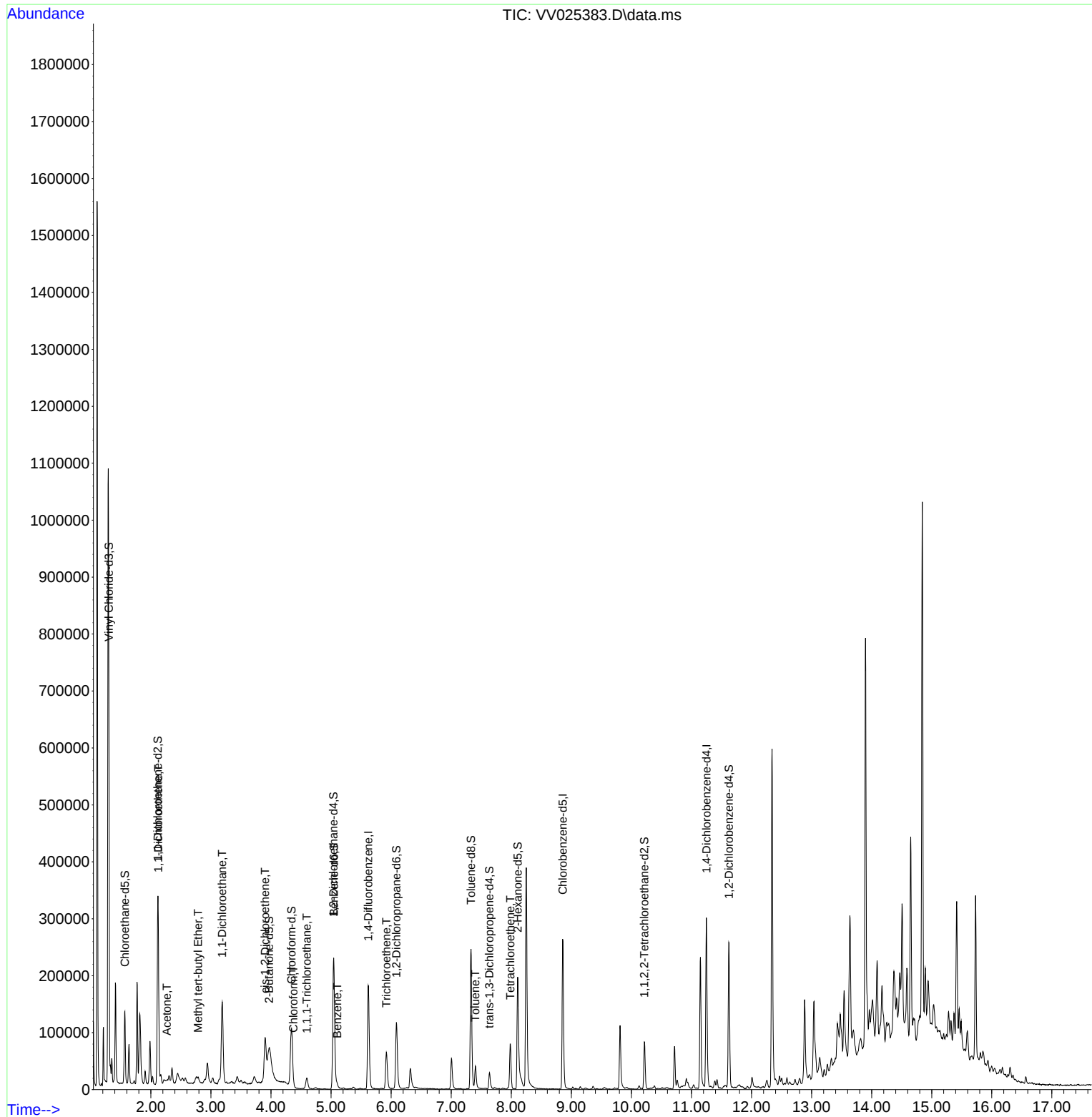
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025383.D
Acq On : 07 Apr 2022 14:05
Operator : SY/MD
Sample : N2261-08
Misc : 25mL/MSVOA_V/WATER
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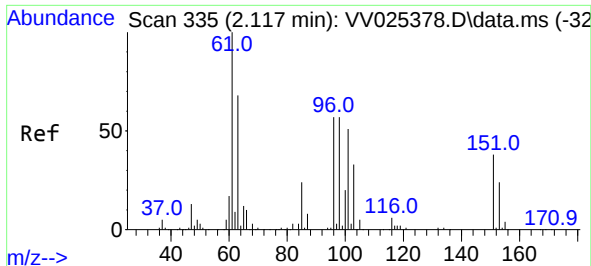
Instrument :
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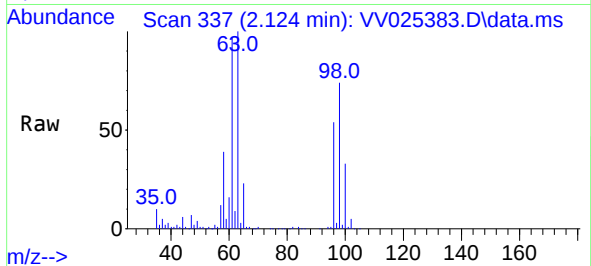
Quant Time: Apr 08 01:21:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 08 01:19:10 2022
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 2.658 ug/L
RT: 2.124 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

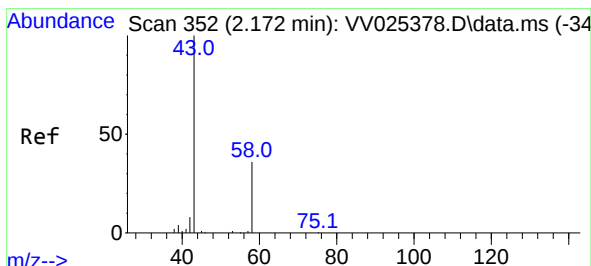
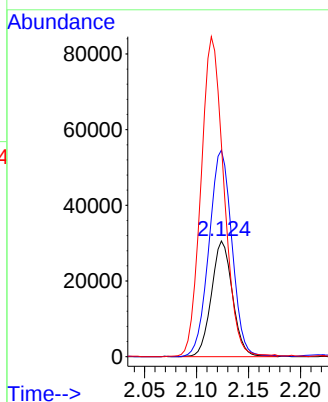
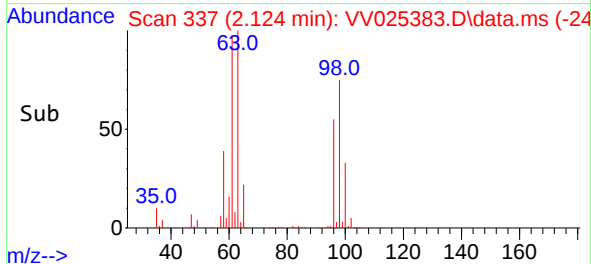
Instrument :
MSVOA_V
ClientSampleId :
BFY44



Tgt Ion: 96 Resp: 43030
Ion Ratio Lower Upper
96 100
61 178.6 121.5 225.7
63 183.8 77.9 144.7

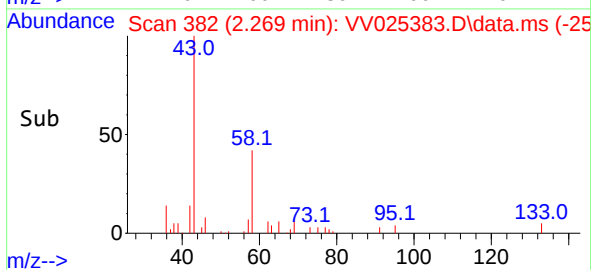
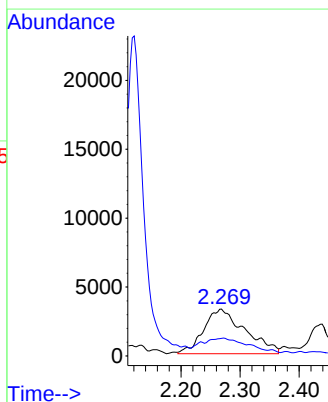
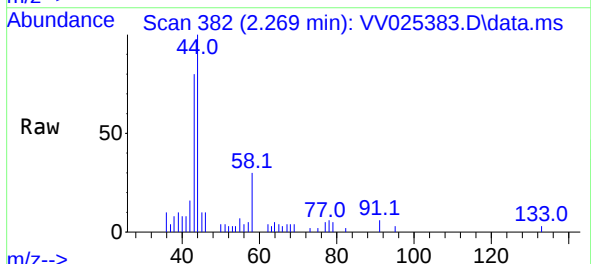
Manual Integrations
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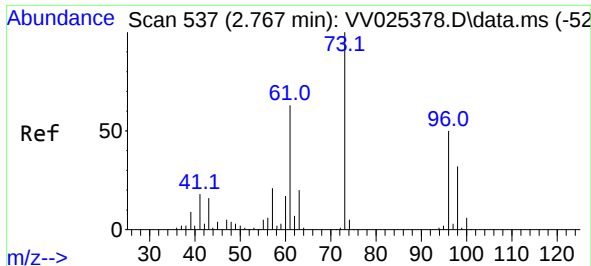
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#13
Acetone
Concen: 13.772 ug/L m
RT: 2.269 min Scan# 382
Delta R.T. 0.096 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

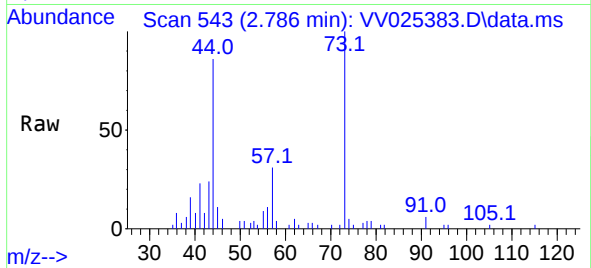
Tgt Ion: 43 Resp: 15722
Ion Ratio Lower Upper
43 100
58 22.2 0.0 51.2





#17
Methyl tert-butyl Ether
Concen: 0.551 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.019 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

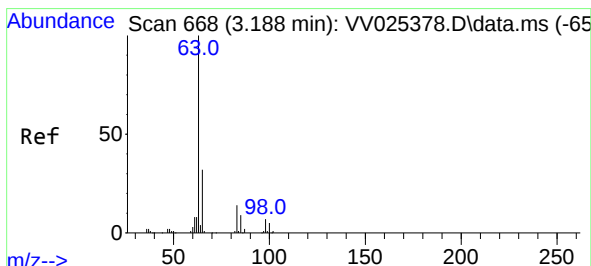
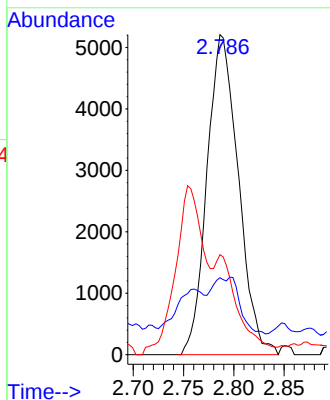
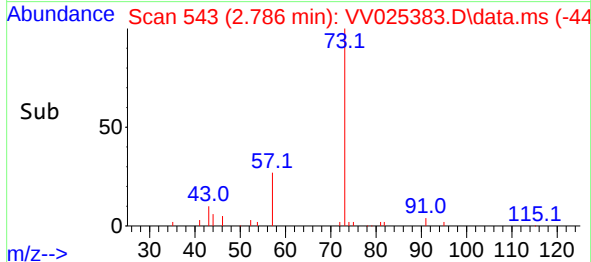
Instrument :
MSVOA_V
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BFY44



Tgt Ion: 73 Resp: 11290
Ion Ratio Lower Upper
73 100
43 2.2 13.5 20.3
57 18.3 16.4 24.6

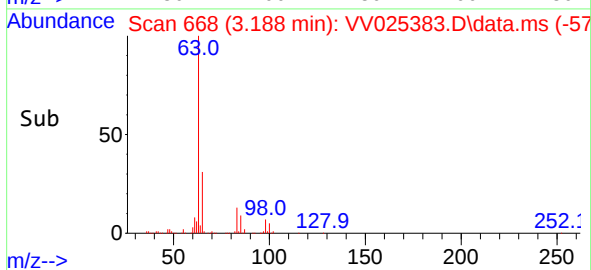
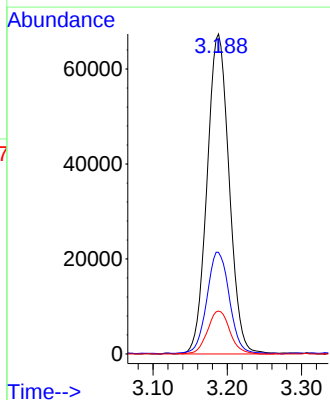
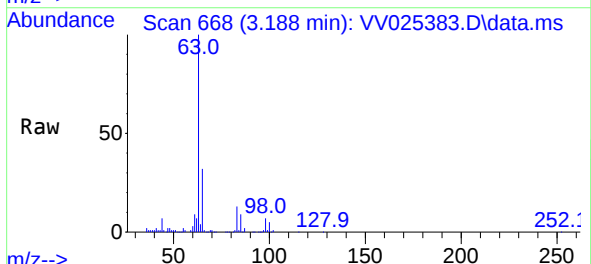
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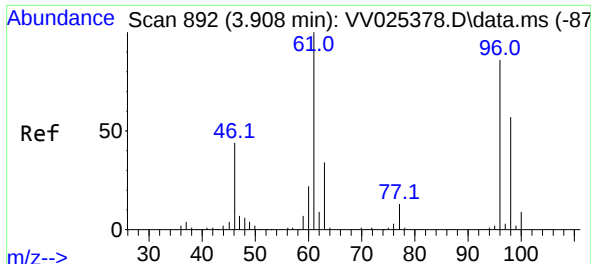
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#19
1,1-Dichloroethane
Concen: 7.167 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

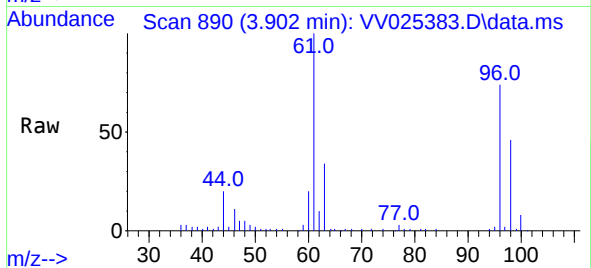
Tgt Ion: 63 Resp: 139020
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 13.4 10.2 19.0





#22
cis-1,2-Dichloroethene
Concen: 3.565 ug/L
RT: 3.902 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

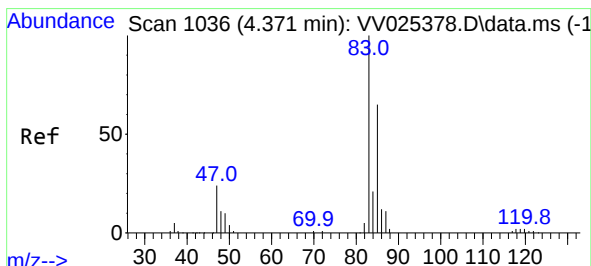
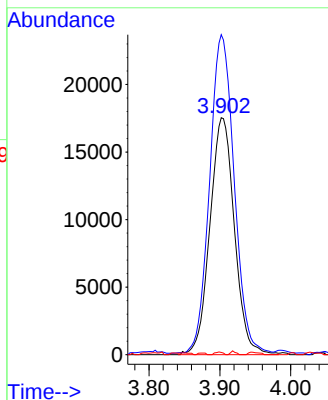
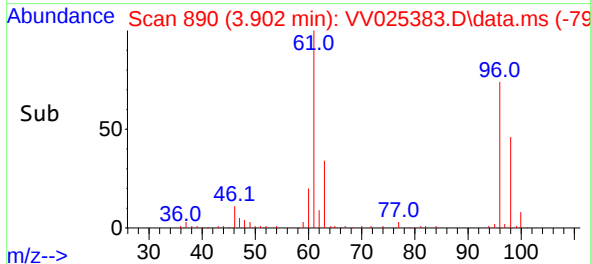
Instrument :
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ClientSampleId :
BFY44



Tgt Ion: 96 Resp: 42085
Ion Ratio Lower Upper
96 100
61 135.0 84.1 156.1
68 0.9 0.0 0.0

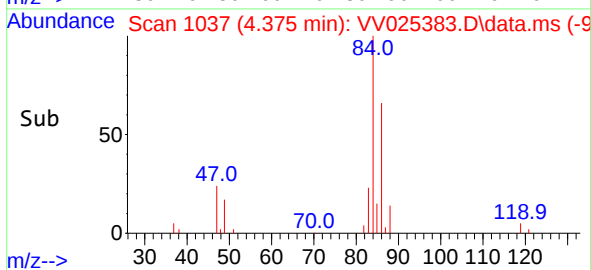
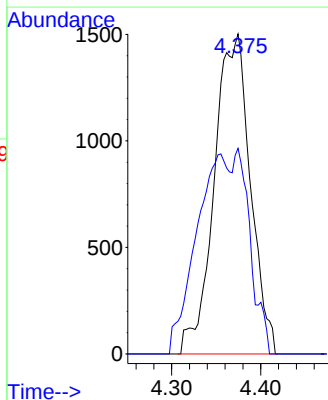
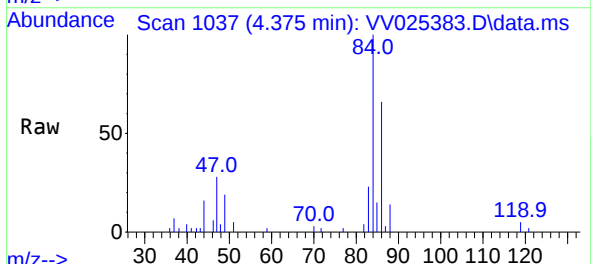
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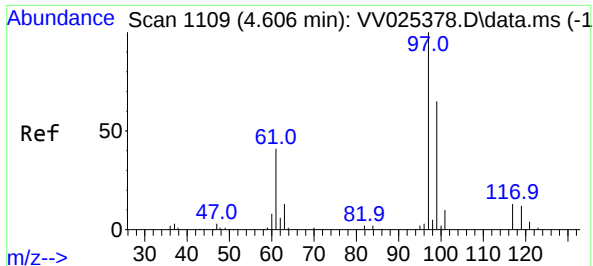
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#25
Chloroform
Concen: 0.196 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

Tgt Ion: 83 Resp: 4221
Ion Ratio Lower Upper
83 100
85 64.2 44.7 82.9





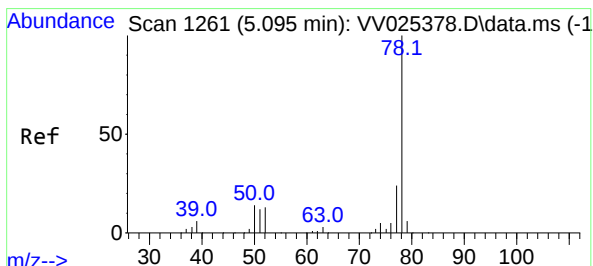
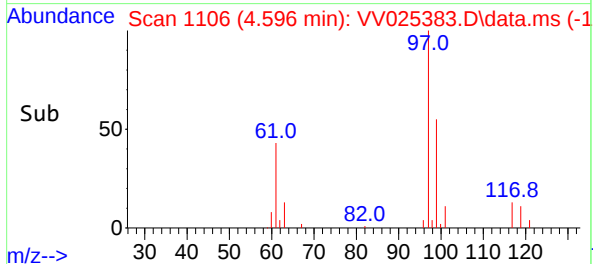
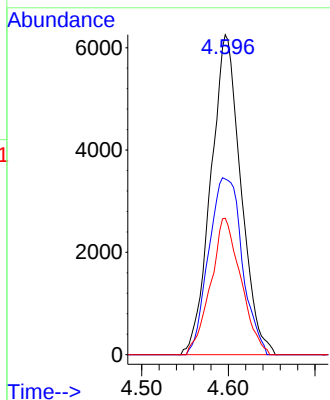
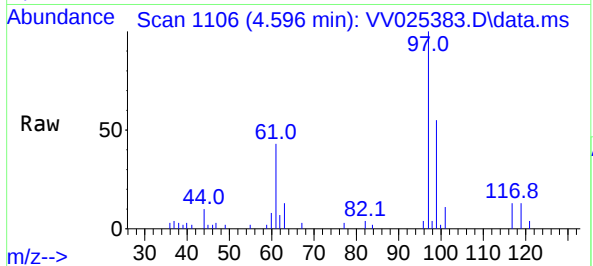
#29
1,1,1-Trichloroethane
Concen: 0.833 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. -0.010 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

Instrument :
MSVOA_V
ClientSampleId :
BFY44

Tgt Ion: 97 Resp: 1504
Ion Ratio Lower Upper
97 100
99 61.8 51.9 77.9
61 43.1 34.2 51.2

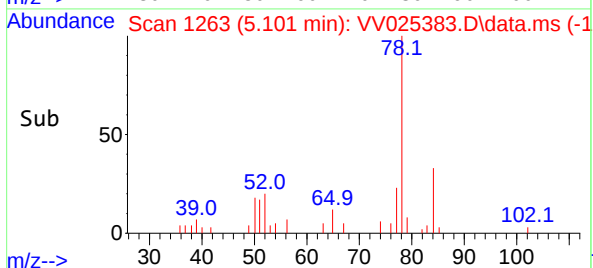
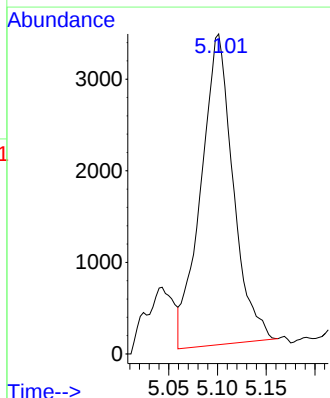
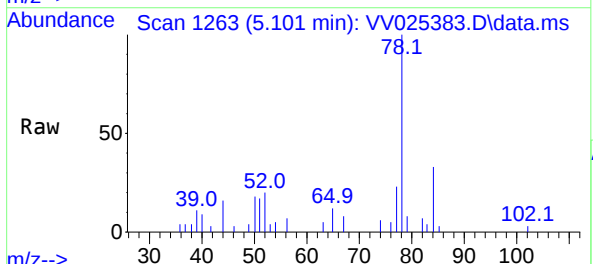
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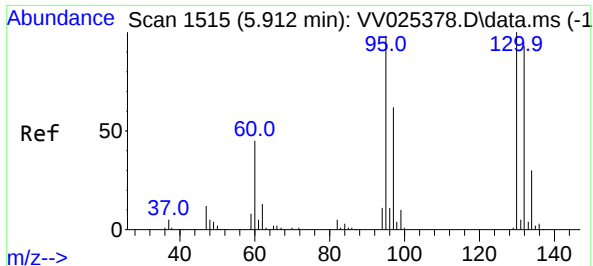
Reviewed By :John Carlone 04/08/2022
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#33
Benzene
Concen: 0.178 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

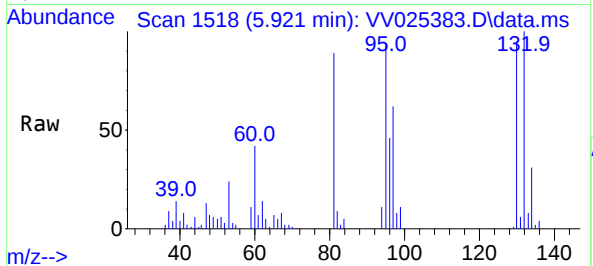
Tgt Ion: 78 Resp: 7811





#34
Trichloroethene
Concen: 1.331 ug/L
RT: 5.921 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

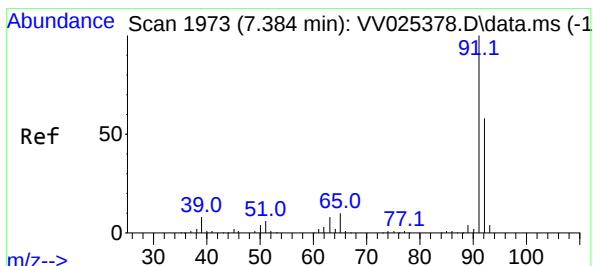
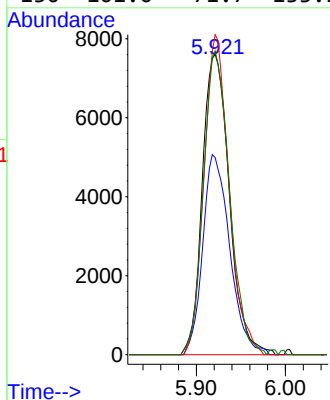
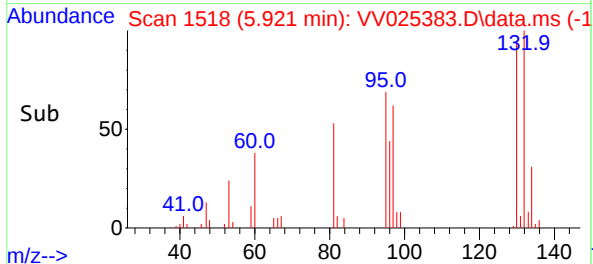
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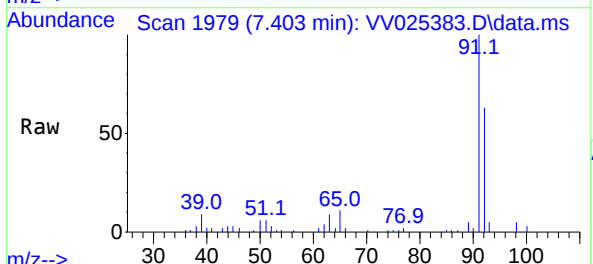
Tgt Ion: 95 Resp: 1601
Ion Ratio Lower Upper
95 100
97 65.6 46.3 85.9
132 106.5 65.2 121.2
130 101.0 71.7 133.1

Manual Integrations
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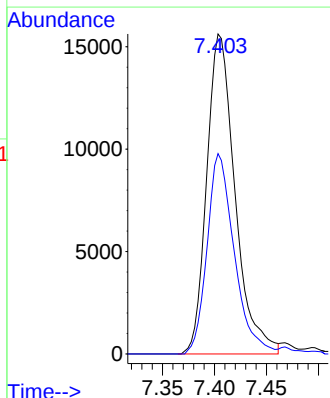
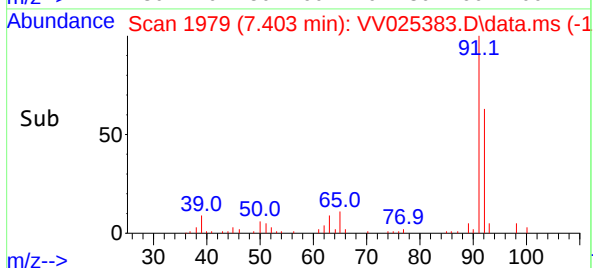
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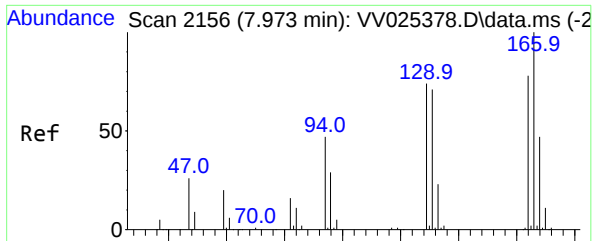


#42
Toluene
Concen: 0.633 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05



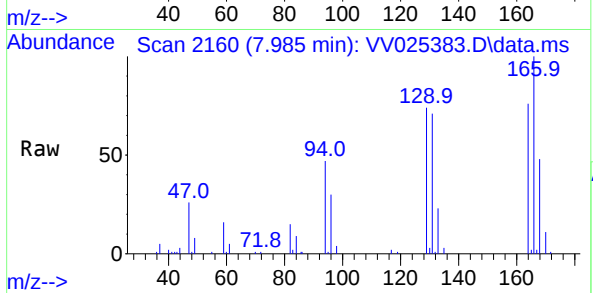
Tgt Ion: 91 Resp: 29631
Ion Ratio Lower Upper
91 100
92 62.6 40.3 74.9





#47
Tetrachloroethene
Concen: 1.932 ug/L
RT: 7.985 min Scan# 2156
Delta R.T. 0.013 min
Lab File: VV025383.D
Acq: 07 Apr 2022 14:05

Instrument :
MSVOA_V
ClientSampleId :
BFY44



Tgt Ion:164 Resp: 17140

Ion	Ratio	Lower	Upper
164	100		
129	98.0	67.5	125.4
131	93.9	68.0	126.4
166	131.9	86.2	160.2

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