

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025473.D
 Acq On : 12 Apr 2022 14:45
 Operator : SY/MD
 Sample : N2372-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY47

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022

Quant Time: Apr 13 02:33:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	165089	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	163584	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51622	3.363	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.200%	
7) Chloroethane-d5	1.571	69	50863	3.115	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	62.200%#	
11) 1,1-Dichloroethene-d2	2.111	63	92690	3.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.905	46	66588	35.666	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.340%	
24) Chloroform-d	4.352	84	93960	4.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	5.037	65	41253	4.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
32) Benzene-d6	5.053	84	179013	3.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.072	67	54902	4.159	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.200%	
41) Toluene-d8	7.317	98	152363	3.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	16301	3.674	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.092	63	61115	39.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35005	4.198	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55277	3.871	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.400%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	12727	0.889	ug/L #	1
13) Acetone	2.204	43	8891m	7.016	ug/L	
17) Methyl tert-butyl Ether	2.773	73	8377	0.378	ug/L #	78
19) 1,1-Dichloroethane	3.195	63	65785	3.237	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	50403	3.990	ug/L	95
25) Chloroform	4.381	83	10805	0.504	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	4666	0.242	ug/L	97
33) Benzene	5.114	78	4292	0.089	ug/L	100
34) Trichloroethene	5.918	95	17462	1.361	ug/L	93
42) Toluene	7.397	91	13069	0.249	ug/L	96
47) Tetrachloroethene	7.976	164	25384	2.527	ug/L	98

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

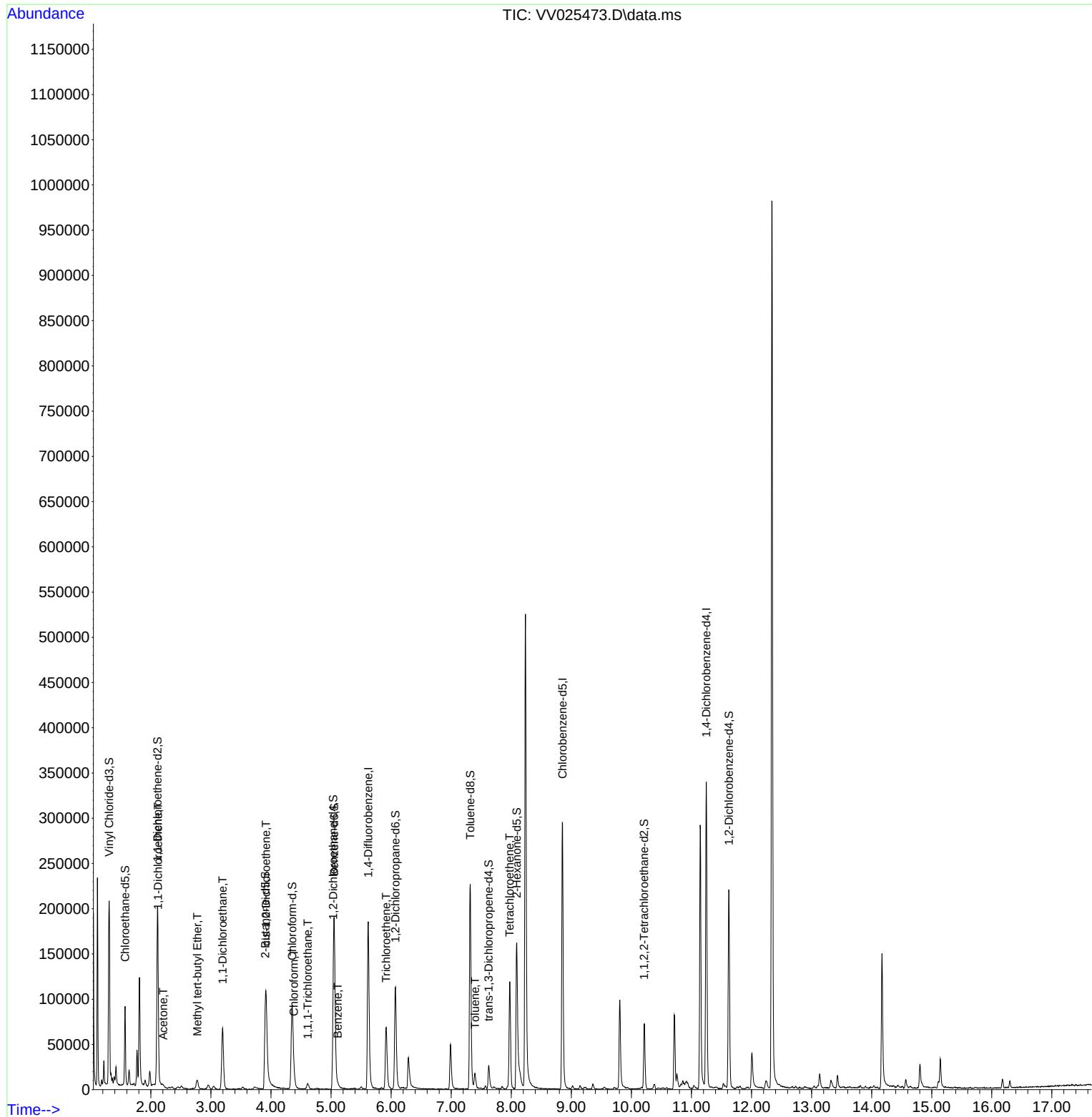
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Data File : VV025473.D
Acq On : 12 Apr 2022 14:45
Operator : SY/MD
Sample : N2372-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

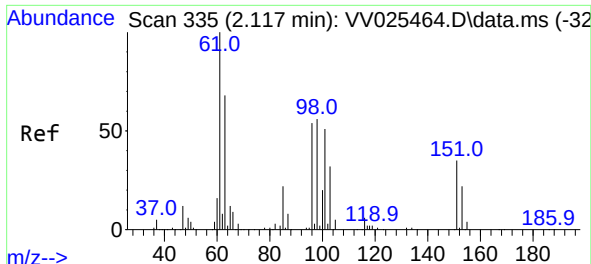
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Apr 13 02:33:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
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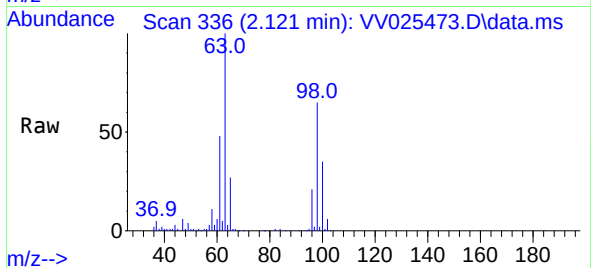
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022





#12
1,1-Dichloroethene
Concen: 0.889 ug/L
RT: 2.121 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

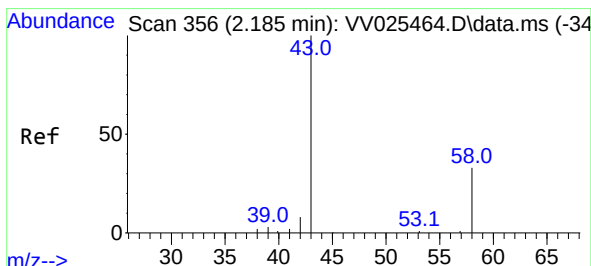
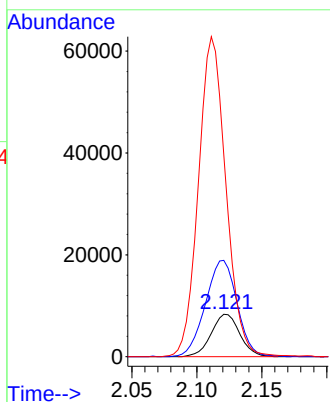
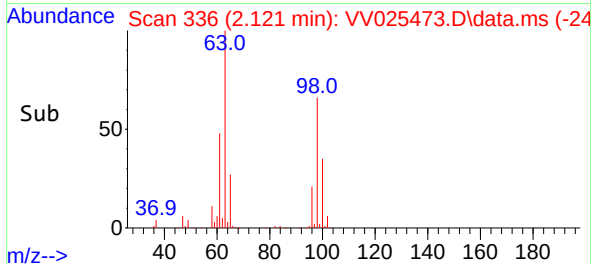
Instrument :
MSVOA_V
ClientSampleId :
BFY47



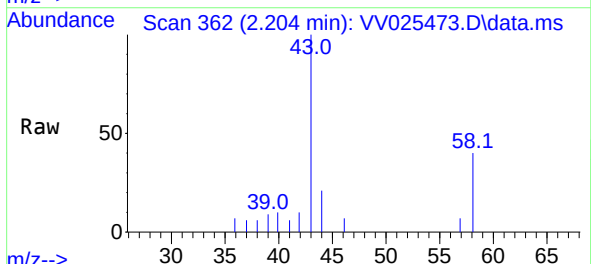
Tgt Ion: 96 Resp: 1272
Ion Ratio Lower Upper
96 100
61 227.1 125.2 232.4
63 475.8 114.4 212.4

Manual Integrations
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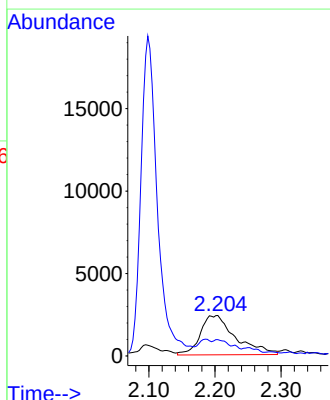
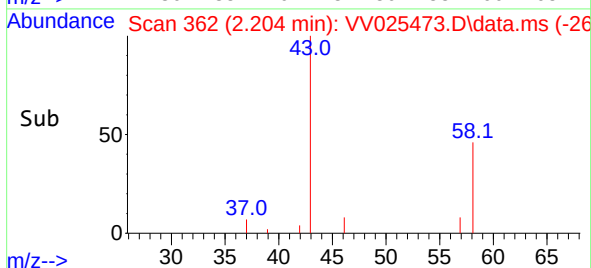
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

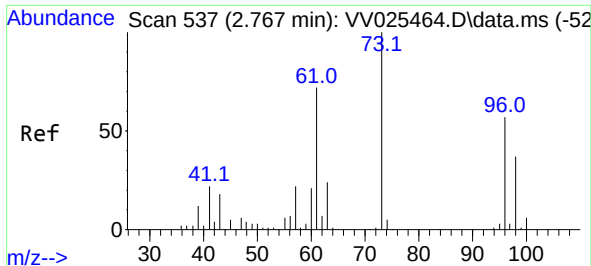


#13
Acetone
Concen: 7.016 ug/L m
RT: 2.204 min Scan# 362
Delta R.T. 0.019 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45



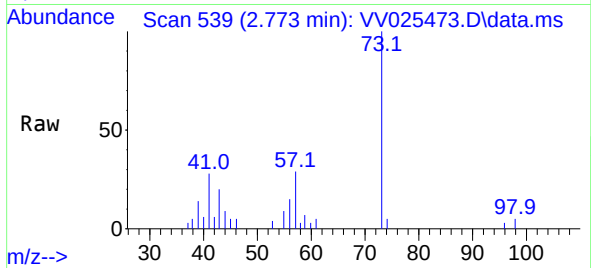
Tgt Ion: 43 Resp: 8891
Ion Ratio Lower Upper
43 100
58 0.0 0.0 72.2





#17
Methyl tert-butyl Ether
Concen: 0.378 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

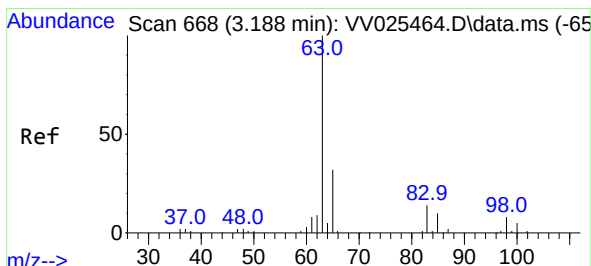
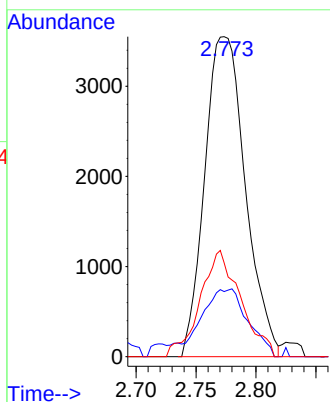
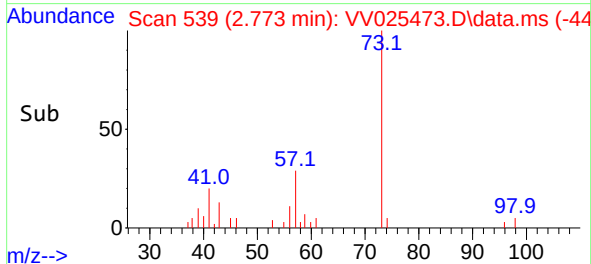
Instrument :
MSVOA_V
ClientSampleId :
BFY47



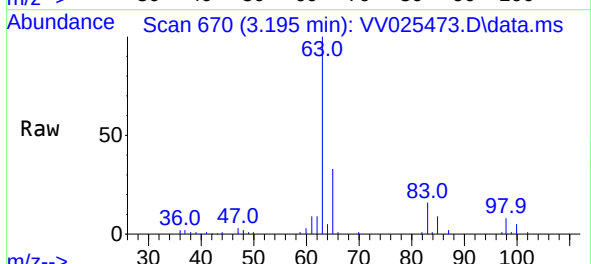
Tgt Ion: 73 Resp: 837
Ion Ratio Lower Upper
73 100
43 24.7 14.2 21.4
57 32.9 16.1 24.1

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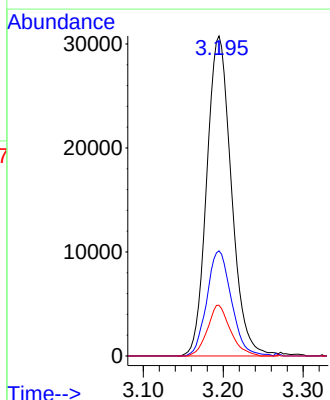
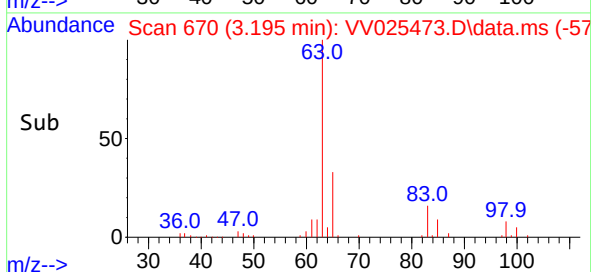
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

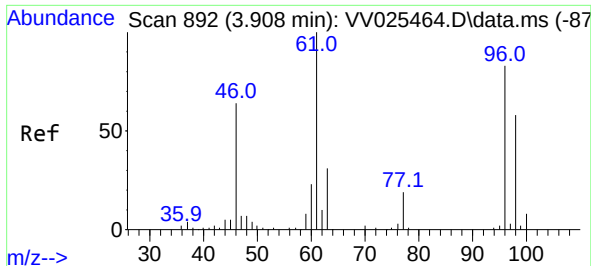


#19
1,1-Dichloroethane
Concen: 3.237 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45



Tgt Ion: 63 Resp: 65785
Ion Ratio Lower Upper
63 100
65 32.9 23.2 43.0
83 15.8 9.0 16.8





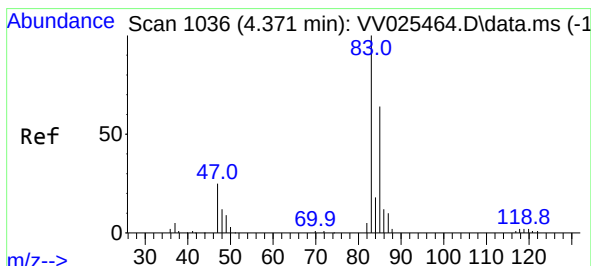
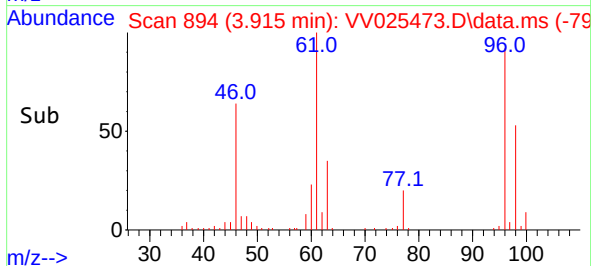
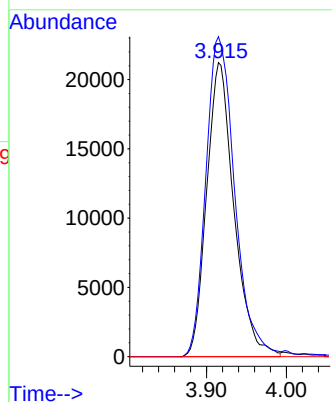
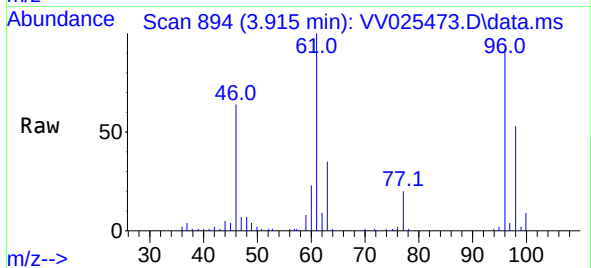
#22
cis-1,2-Dichloroethene
Concen: 3.990 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

Instrument :
MSVOA_V
ClientSampleId :
BFY47

Tgt Ion: 96 Resp: 5040
Ion Ratio Lower Upper
96 100
61 108.8 80.0 148.6
68 0.0 0.0 0.0

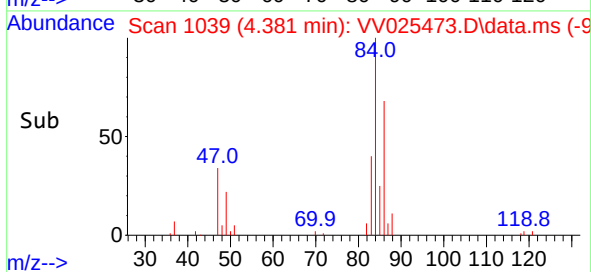
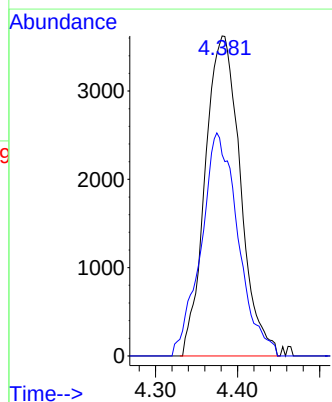
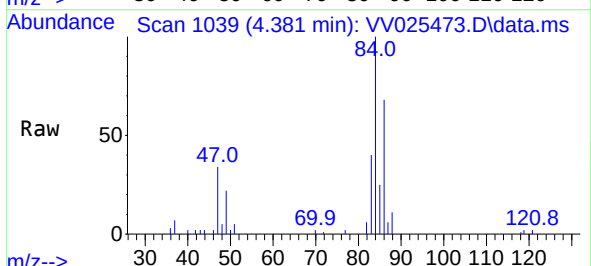
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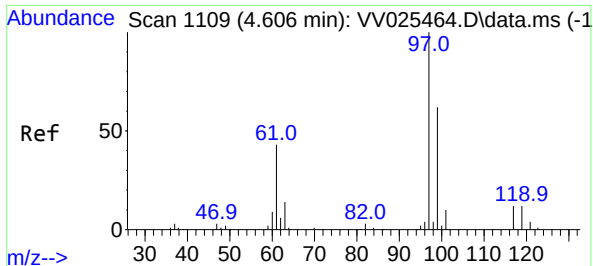
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#25
Chloroform
Concen: 0.504 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

Tgt Ion: 83 Resp: 10805
Ion Ratio Lower Upper
83 100
85 62.9 43.5 80.7





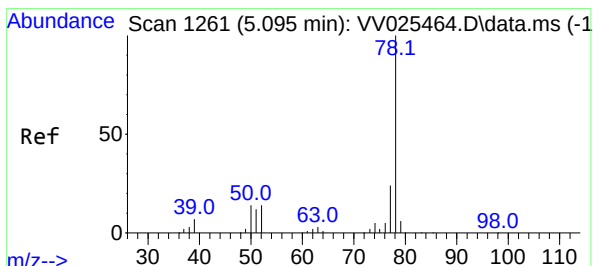
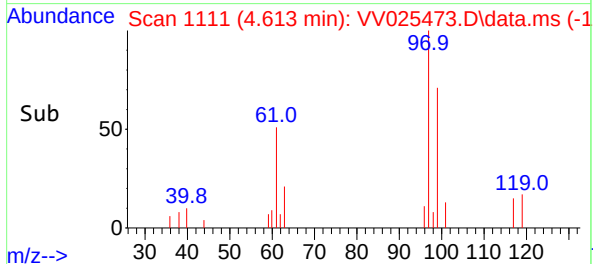
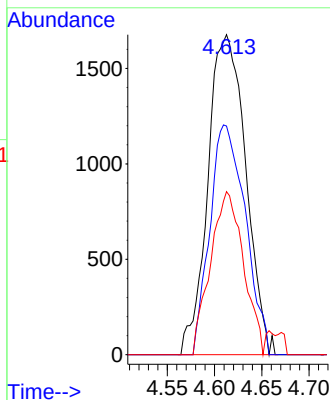
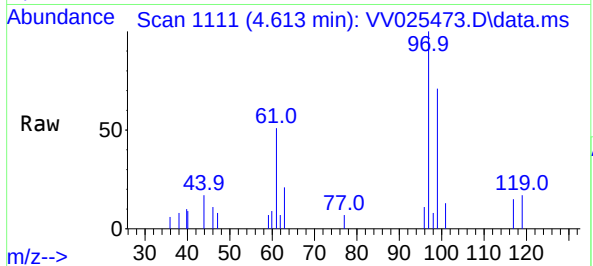
#29
1,1,1-Trichloroethane
Concen: 0.242 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.007 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

Instrument :
MSVOA_V
ClientSampleId :
BFY47

Tgt Ion: 97 Resp: 4660
Ion Ratio Lower Upper
97 100
99 67.4 51.5 77.3
61 44.4 34.3 51.5

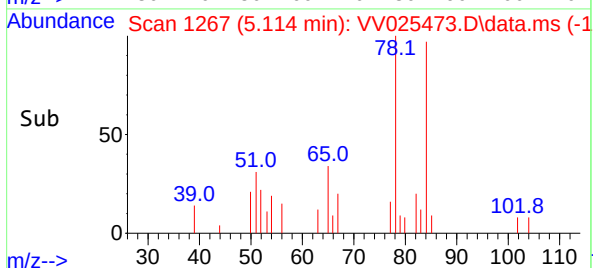
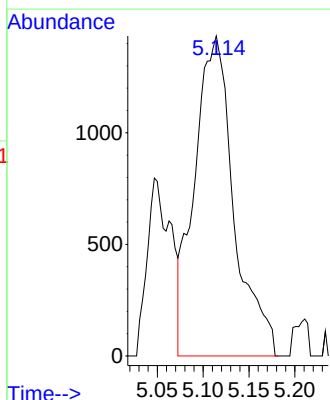
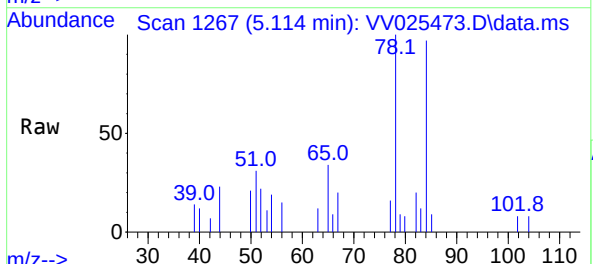
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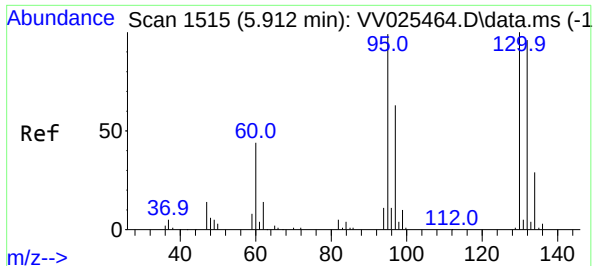
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#33
Benzene
Concen: 0.089 ug/L
RT: 5.114 min Scan# 1267
Delta R.T. 0.019 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

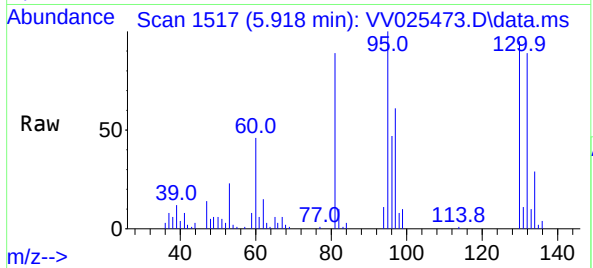
Tgt Ion: 78 Resp: 4292





#34
 Trichloroethene
 Concen: 1.361 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV025473.D
 Acq: 12 Apr 2022 14:45

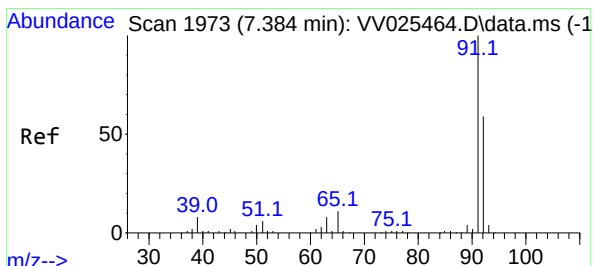
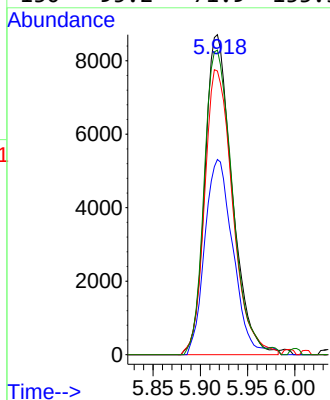
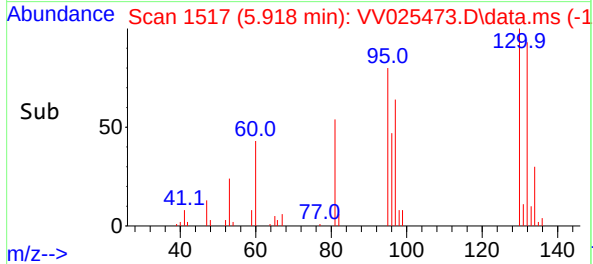
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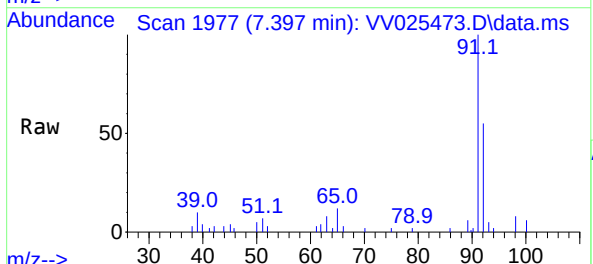
Tgt Ion: 95 Resp: 17462
 Ion Ratio Lower Upper
 95 100
 97 61.0 45.8 85.2
 132 88.6 68.0 126.4
 130 95.2 71.9 133.5

Manual Integrations
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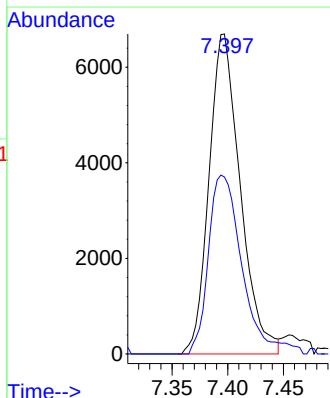
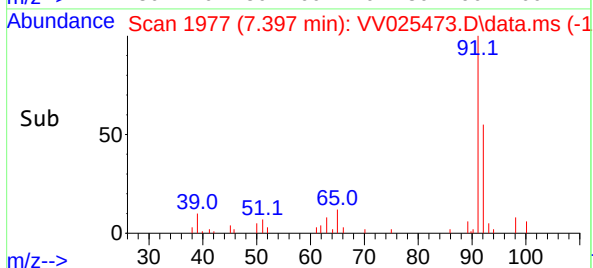
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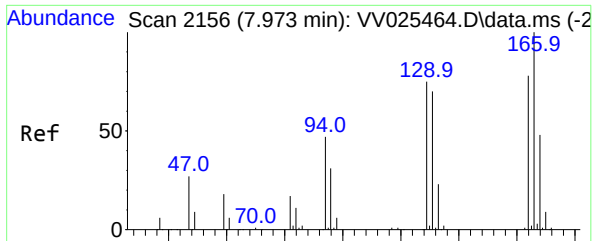


#42
 Toluene
 Concen: 0.249 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.013 min
 Lab File: VV025473.D
 Acq: 12 Apr 2022 14:45



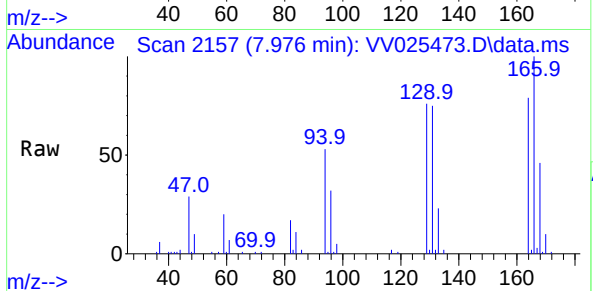
Tgt Ion: 91 Resp: 13069
 Ion Ratio Lower Upper
 91 100
 92 55.3 40.8 75.8





#47
Tetrachloroethene
Concen: 2.527 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV025473.D
Acq: 12 Apr 2022 14:45

Instrument :
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Tgt Ion:164 Resp: 25384

Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.8	124.2
131	95.9	66.4	123.4
166	127.2	91.7	170.3

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