

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023920.D
 Acq On : 11 Dec 2021 05:01
 Operator : SY/MD
 Sample : M5005-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW209

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

Quant Time: Dec 11 06:50:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102172	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	84694	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24250	4.415	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.568	69	22186	4.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.111	63	32953	3.074	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.400%	
20) 2-Butanone-d5	3.902	46	71201	66.351	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.700%#	
24) Chloroform-d	4.352	84	59418	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.034	65	29679	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.053	84	97302	4.319	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.072	67	31828	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.320	98	77593	3.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	7.625	79	11592	4.111	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.092	63	60971	48.303	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26426	4.687	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.638	152	52829	4.670	ug/L	0.01
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						Qvalue
13) Acetone	2.188	43	47270	55.060	ug/L	77
18) trans-1,2-Dichloroethene	2.767	96	525	0.069	ug/L	78
19) 1,1-Dichloroethane	3.198	63	2485	0.182	ug/L #	87
22) cis-1,2-Dichloroethene	3.915	96	11303	1.407	ug/L	96
30) Cyclohexane	4.683	56	1163	0.099	ug/L #	54
33) Benzene	5.104	78	9154	0.284	ug/L	100
34) Trichloroethene	5.918	95	33421	3.682	ug/L	98
47) Tetrachloroethene	7.976	164	21529	2.694	ug/L	98
51) Chlorobenzene	8.882	112	3254490	134.462	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	8029879	315.741	ug/L	94
65) 1,4-Dichlorobenzene	11.281	146	20080006m	786.125	ug/L	
67) 1,2-Dichlorobenzene	11.654	146	19136836m	821.331	ug/L	

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

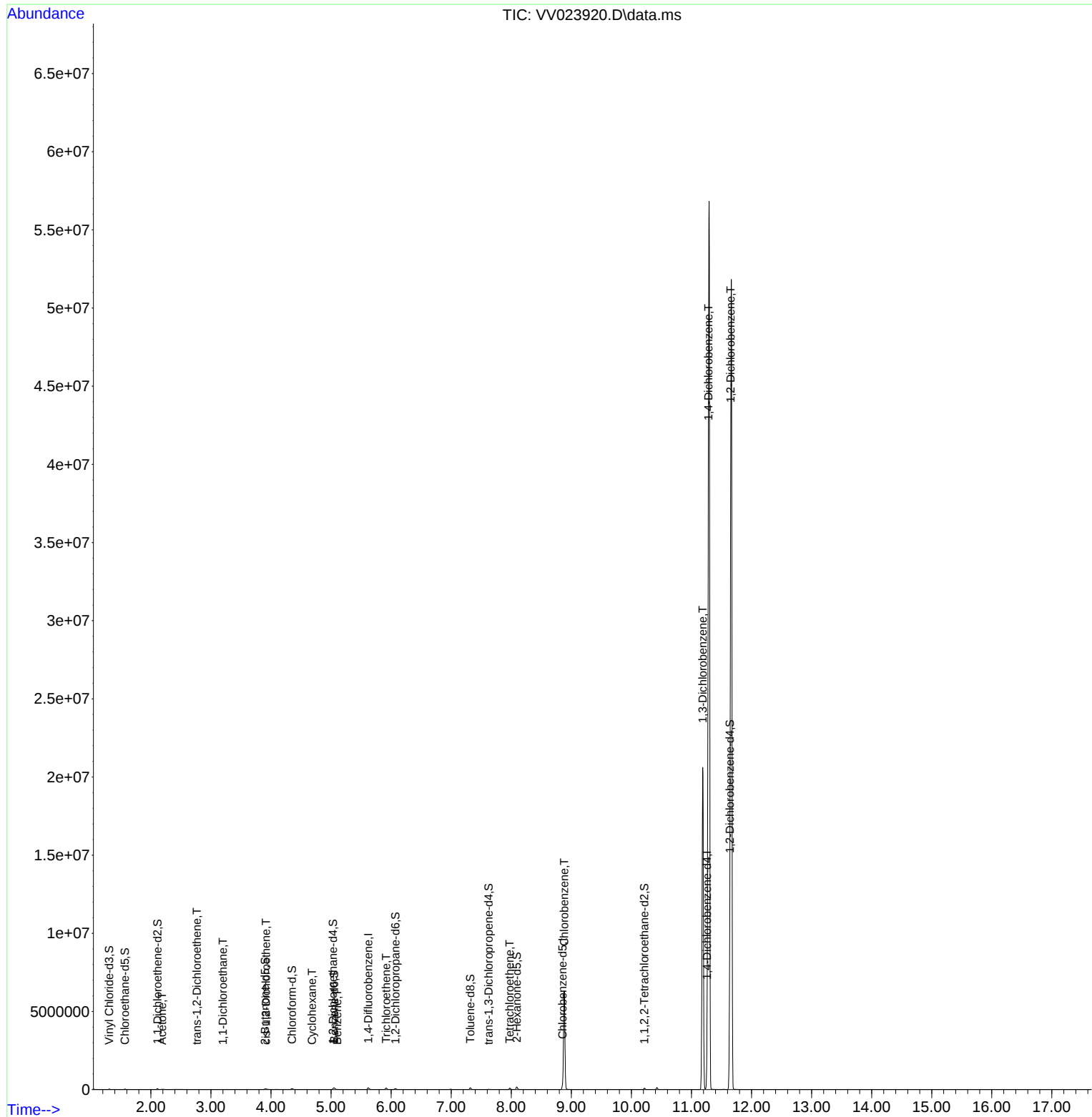
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
Data File : VV023920.D
Acq On : 11 Dec 2021 05:01
Operator : SY/MD
Sample : M5005-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

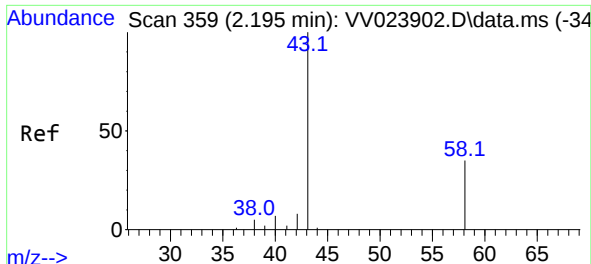
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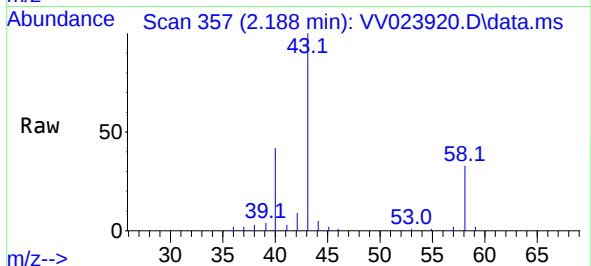
Quant Time: Dec 11 06:50:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration





#13
Acetone
Concen: 55.060 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

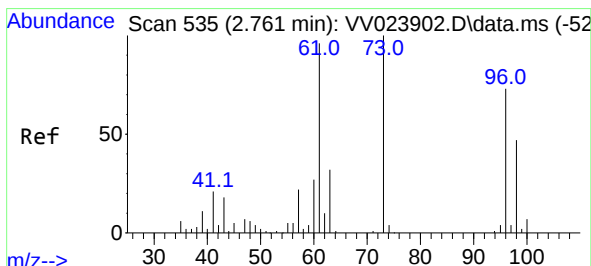
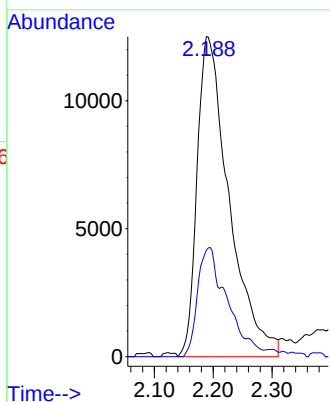
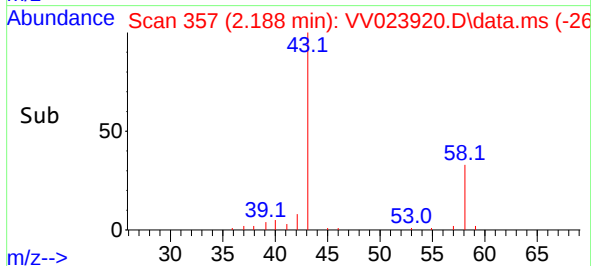
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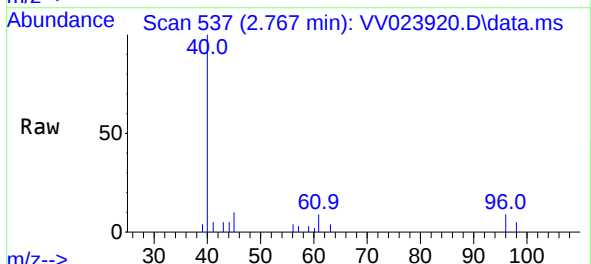
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Ion Ratio Lower Upper
43 100
58 31.5 0.0 41.4

Manual Integrations
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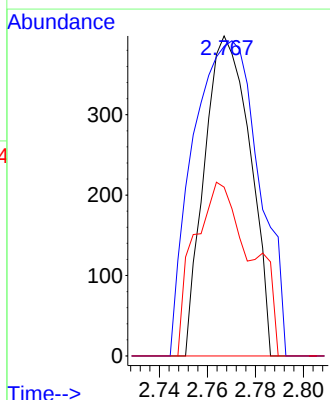
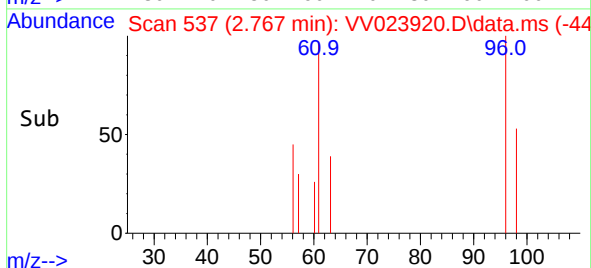
Reviewed By :Mahesh Dadoda 12/13/2021
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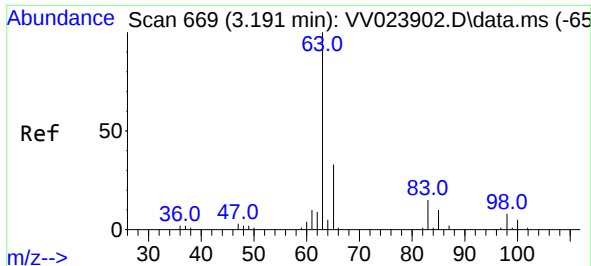


#18
trans-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01



Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 96.7 88.2 163.8
98 52.8 44.9 83.5





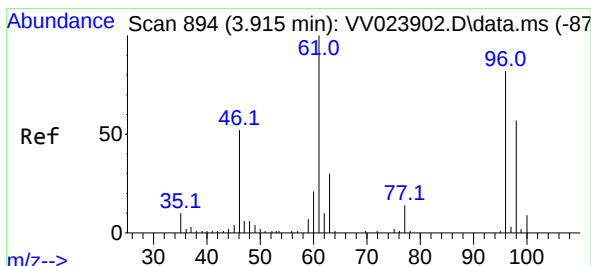
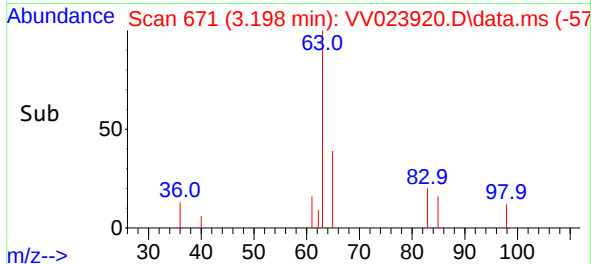
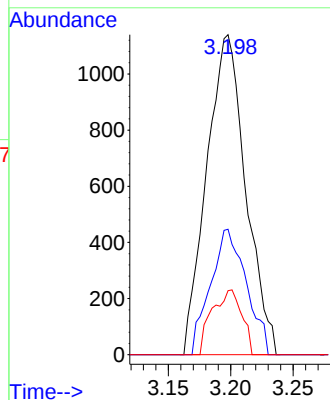
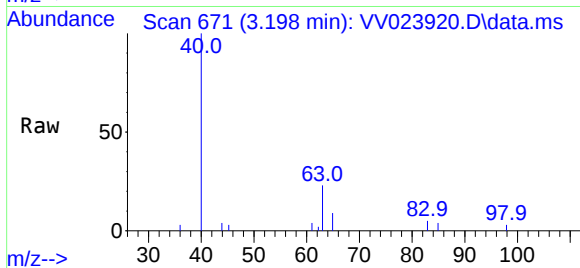
#19
1,1-Dichloroethane
Concen: 0.182 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

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Tgt Ion: 63 Resp: 248
Ion Ratio Lower Upper
63 100
65 39.2 22.3 41.3
83 20.0 10.7 19.9

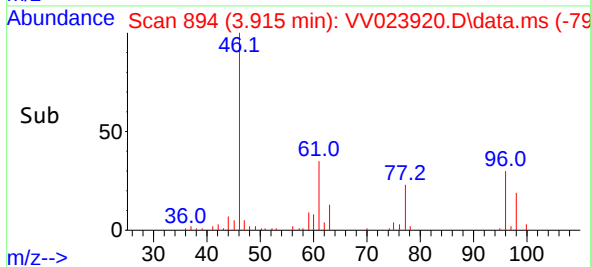
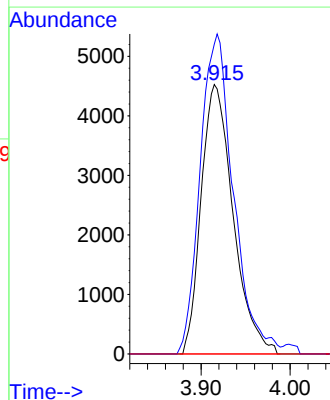
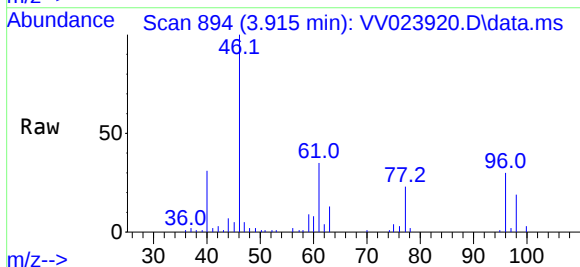
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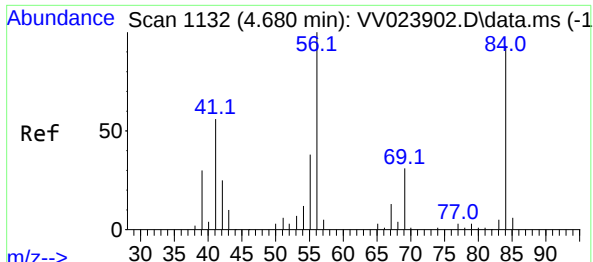
Reviewed By :Mahesh Dadoda 12/13/2021
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#22
cis-1,2-Dichloroethene
Concen: 1.407 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

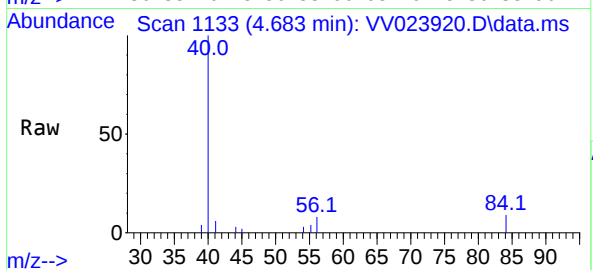
Tgt Ion: 96 Resp: 11303
Ion Ratio Lower Upper
96 100
61 115.0 83.4 154.8
68 0.0 0.0 0.0





#30
Cyclohexane
Concen: 0.099 ug/L
RT: 4.683 min Scan# 1132
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

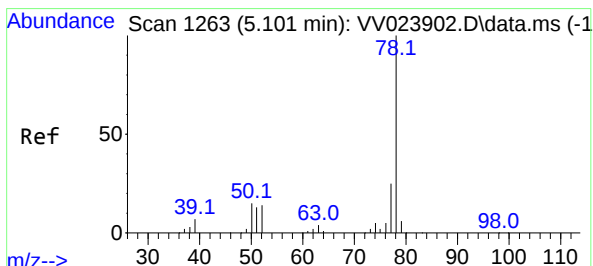
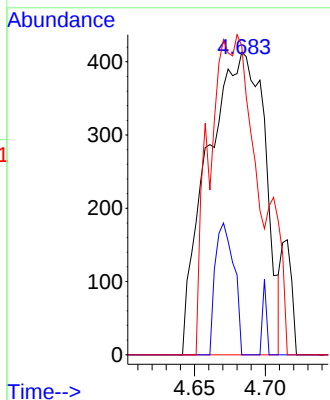
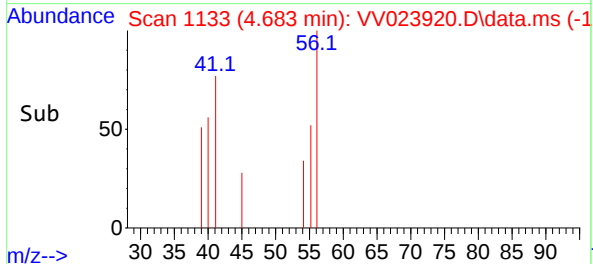
Instrument :
MSVOA_V
ClientSampleId :
EW209



Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
69 14.2 24.8 37.2
84 45.3 75.9 113.9

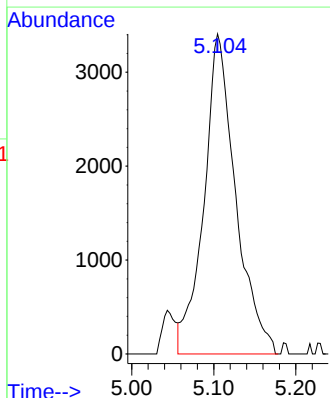
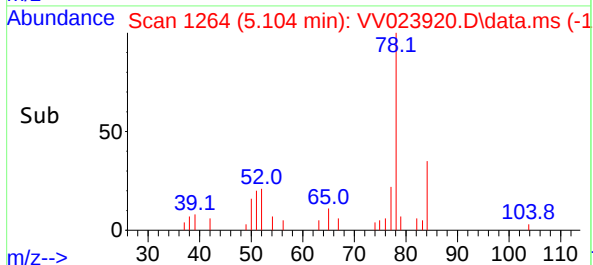
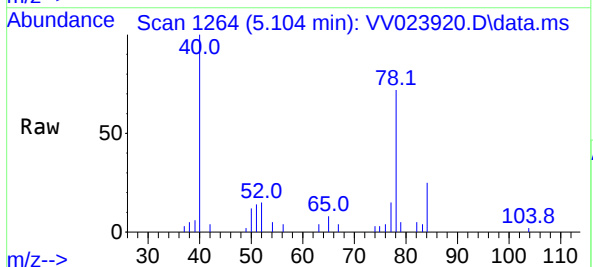
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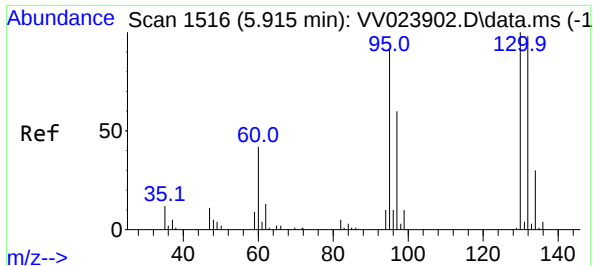
Reviewed By :Mahesh Dadoda 12/13/2021
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#33
Benzene
Concen: 0.284 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

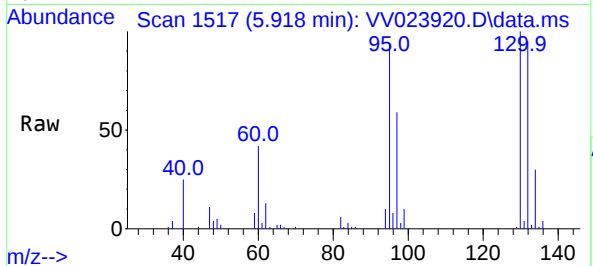
Tgt Ion: 78 Resp: 9154





#34
Trichloroethene
Concen: 3.682 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

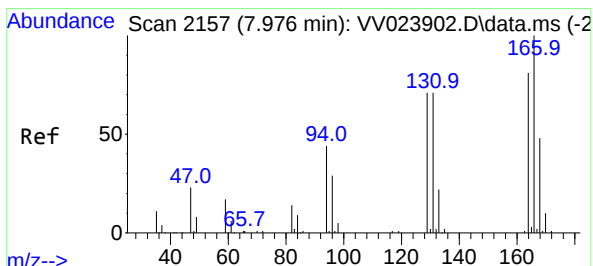
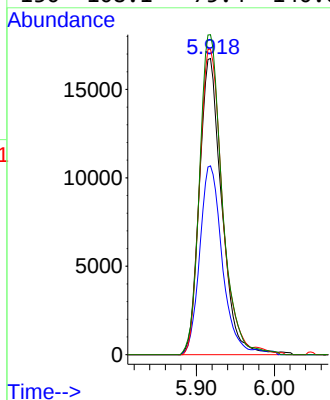
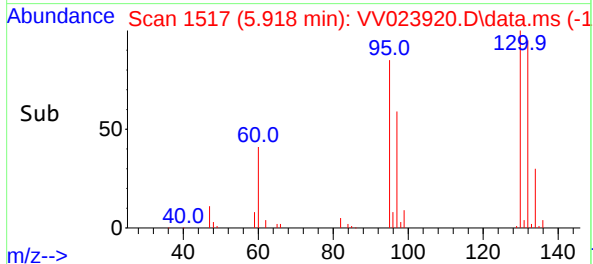
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ClientSampleId :
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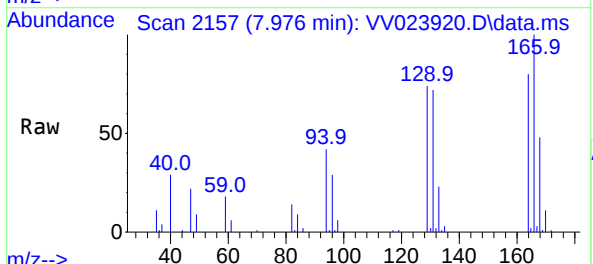
Tgt Ion: 95 Resp: 3342
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 103.2 76.1 141.3
130 108.1 75.4 140.0

Manual Integrations
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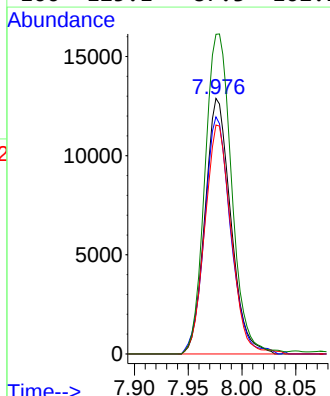
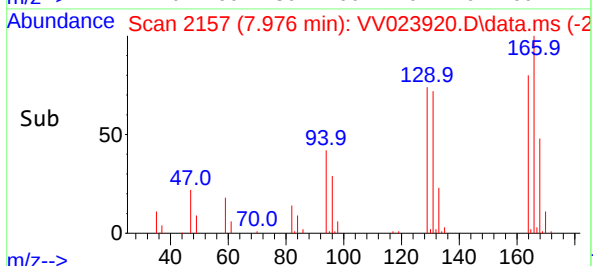
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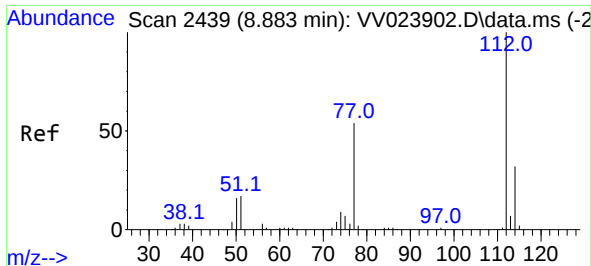


#47
Tetrachloroethene
Concen: 2.694 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01



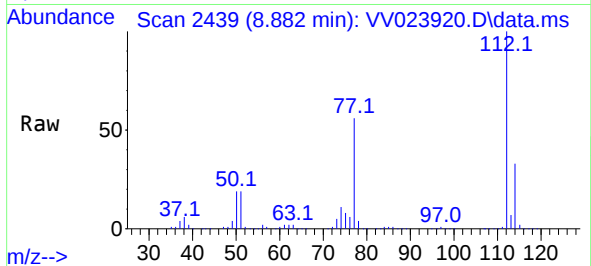
Tgt Ion:164 Resp: 21529
Ion Ratio Lower Upper
164 100
129 92.8 62.6 116.2
131 89.6 61.0 113.4
166 125.1 87.3 162.1





#51
Chlorobenzene
Concen: 134.462 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

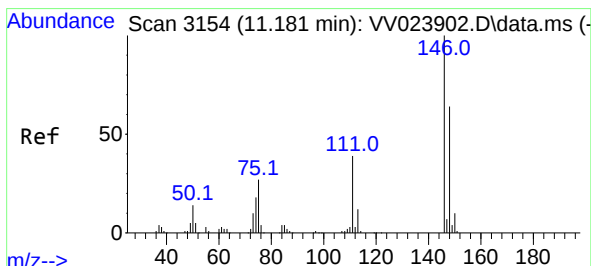
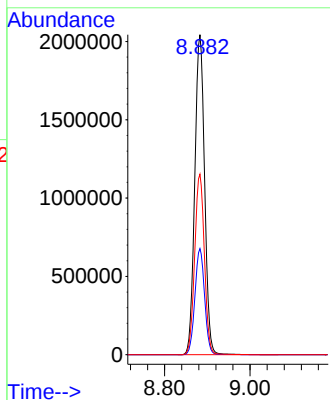
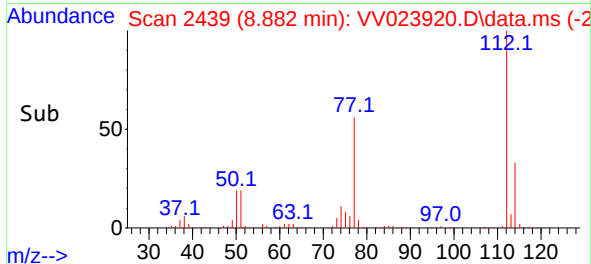
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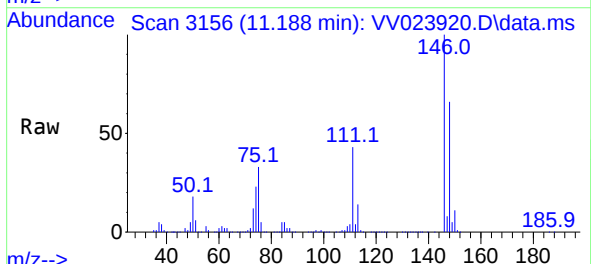
Tgt Ion:112 Resp: 3254490
Ion Ratio Lower Upper
112 100
114 33.2 23.3 43.3
77 56.4 43.3 64.9

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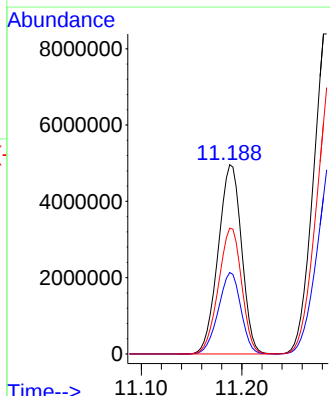
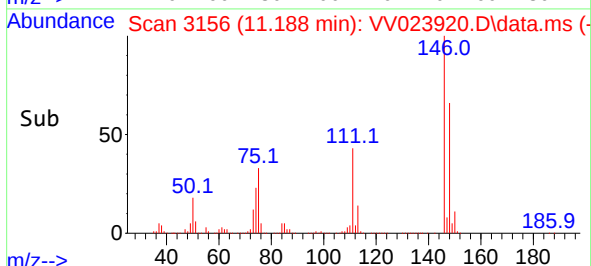
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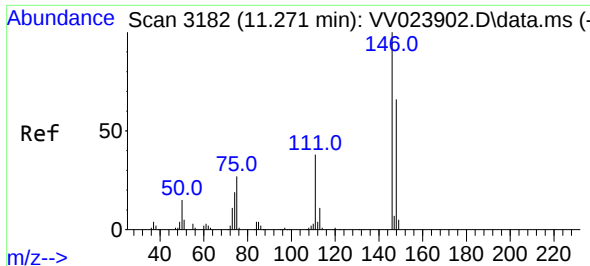


#64
1,3-Dichlorobenzene
Concen: 315.741 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01



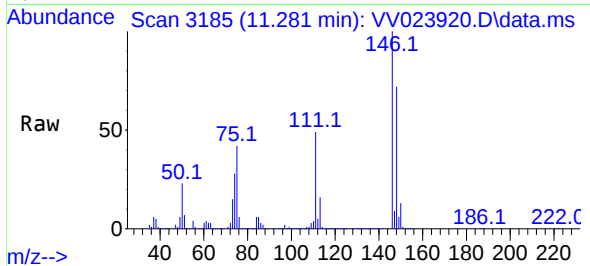
Tgt Ion:146 Resp: 8029879
Ion Ratio Lower Upper
146 100
111 43.0 26.3 48.9
148 66.5 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 786.125 ug/L m
RT: 11.281 min Scan# 3182
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

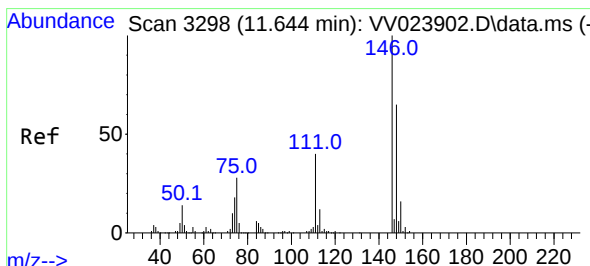
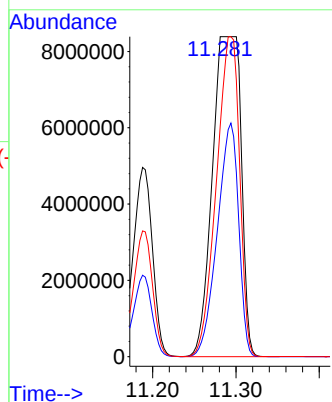
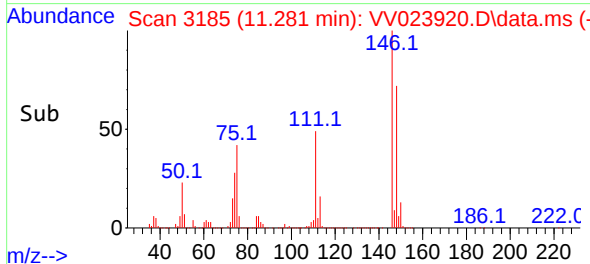
Instrument :
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Tgt Ion:146 Resp:2008000
Ion Ratio Lower Upper
146 100
111 49.0 25.6 47.6
148 72.0 44.8 83.2

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#67
1,2-Dichlorobenzene
Concen: 821.331 ug/L m
RT: 11.654 min Scan# 3301
Delta R.T. 0.013 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Tgt Ion:146 Resp:19136836
Ion Ratio Lower Upper
146 100
111 52.9 31.9 47.9
148 72.7 50.5 75.7

