

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023524.D
 Acq On : 16 Nov 2021 11:14
 Operator : SY/MD
 Sample : M4616-05DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X8DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120908	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37089	4.897	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.000%	
7) Chloroethane-d5	1.568	69	31122	5.041	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54147	3.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.912	46	55541m	42.562	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.120%	
24) Chloroform-d	4.349	84	78348	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.031	65	35872	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.050	84	148308	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.069	67	44614	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.313	98	129201	4.507	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15610	4.572	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.091	63	48557	38.651	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28049	4.331	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48148	5.474	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
9) Trichlorofluoromethane	1.754	101	83521	5.552	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	1746	0.231	ug/L #	76
12) 1,1-Dichloroethene	2.117	96	1227	0.170	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	2762	0.174	ug/L #	87
19) 1,1-Dichloroethane	3.191	63	3958	0.264	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	8245	0.967	ug/L #	91
34) Trichloroethene	5.912	95	105522	11.908	ug/L	97
47) Tetrachloroethene	7.976	164	7341	0.956	ug/L	91

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

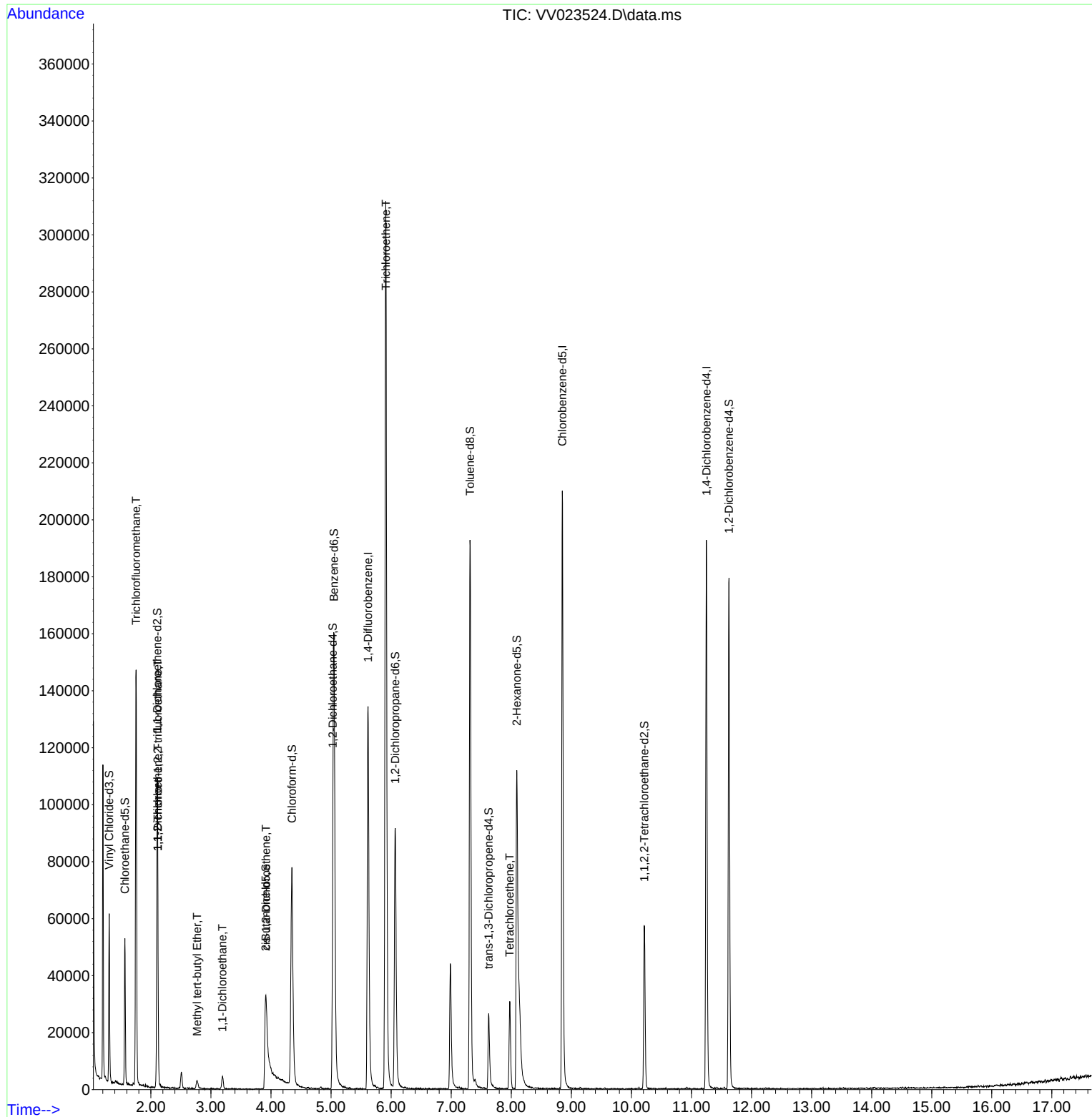
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023524.D
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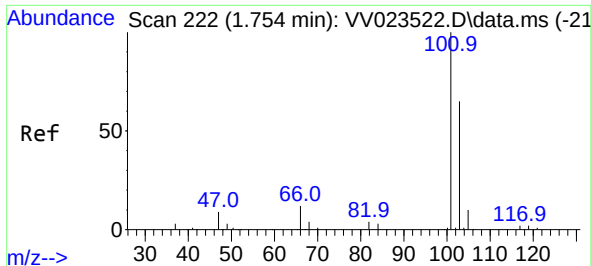
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

Quant Time: Nov 17 00:50:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
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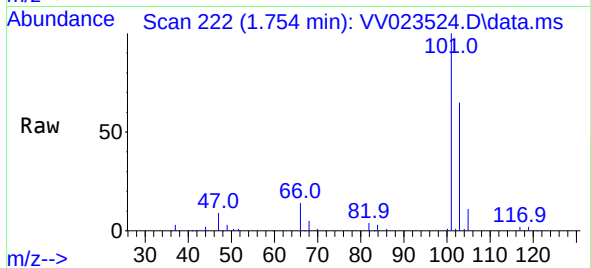
Reviewed By : John Carlone 11/17/2021
Supervised By : Mahesh Dadoda 11/18/2021





#9
Trichlorofluoromethane
Concen: 5.552 ug/L
RT: 1.754 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

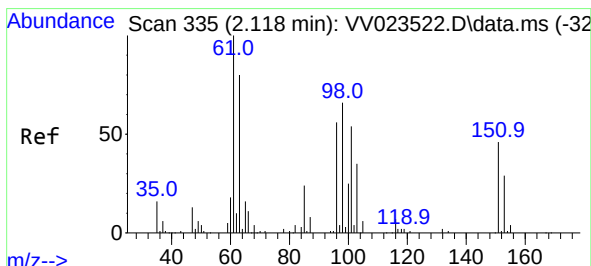
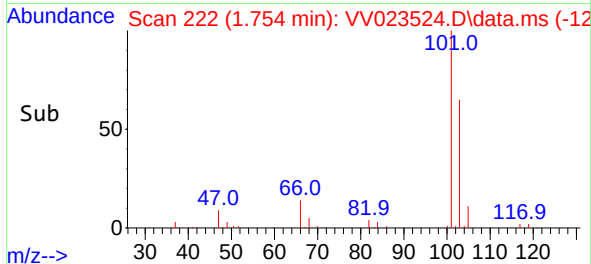
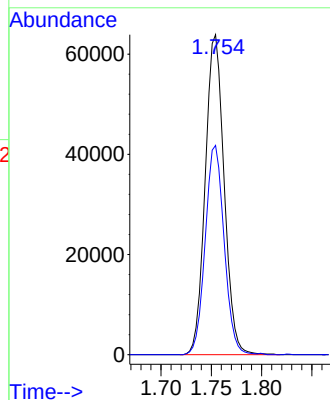
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL



Tgt Ion:101 Resp: 8352
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0

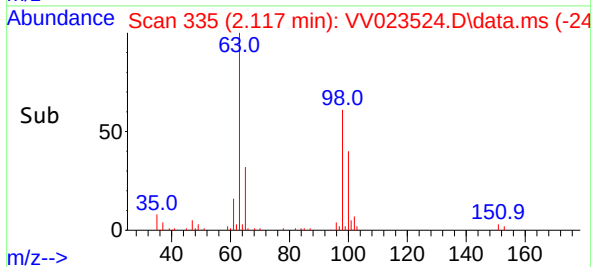
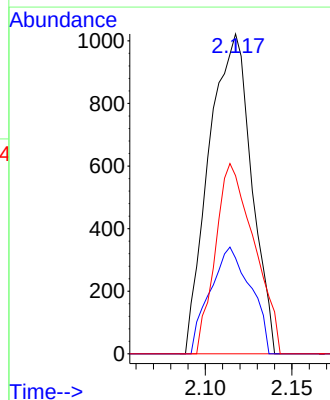
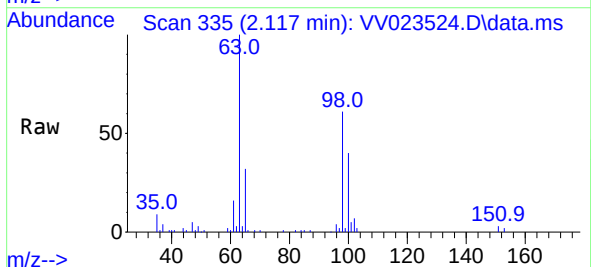
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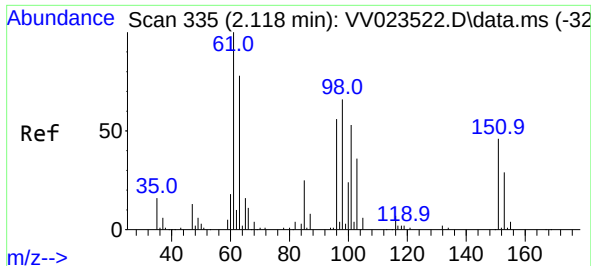
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.231 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

Tgt Ion:101 Resp: 1746
Ion Ratio Lower Upper
101 100
85 31.9 35.3 52.9#
151 54.4 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 0.170 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

Instrument :

MSVOA_V

ClientSampleId :

BG1X8DL

Tgt Ion: 96 Resp: 122

Ion Ratio Lower Upper

96 100

61 427.6 121.5 225.7

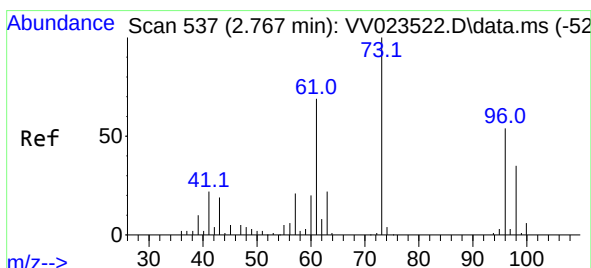
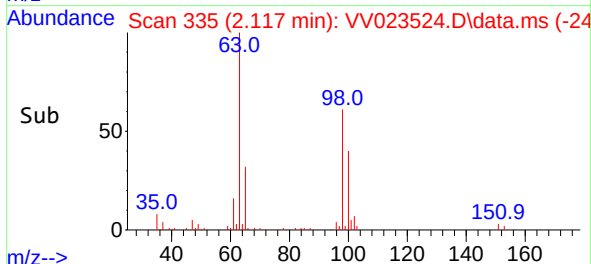
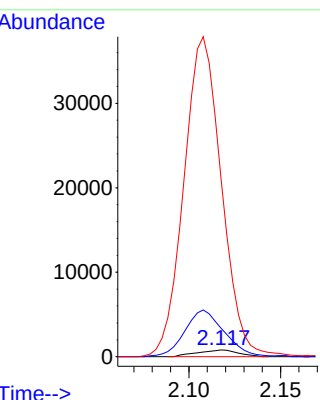
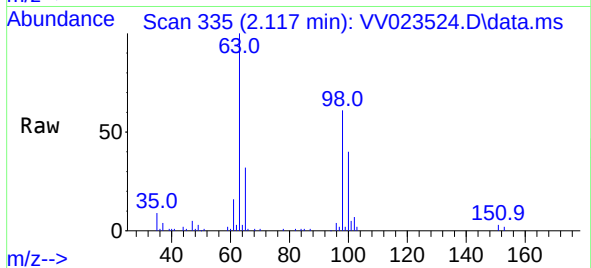
63 2679.8 99.6 185.0

Manual Integrations

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#17

Methyl tert-butyl Ether

Concen: 0.174 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

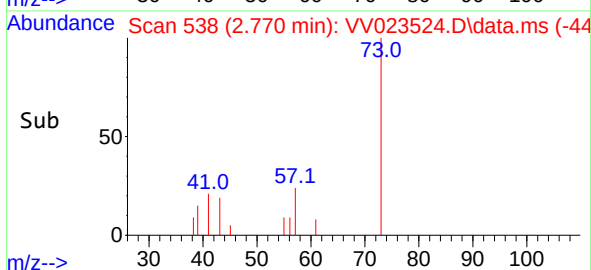
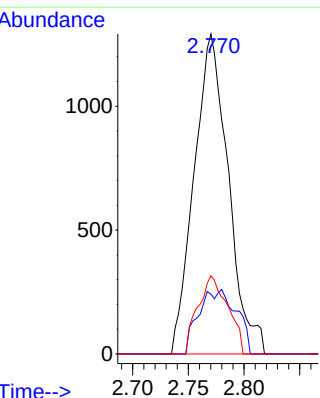
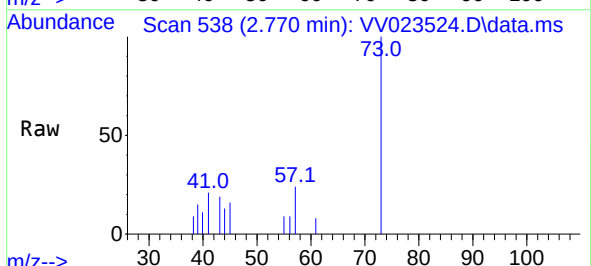
Tgt Ion: 73 Resp: 2762

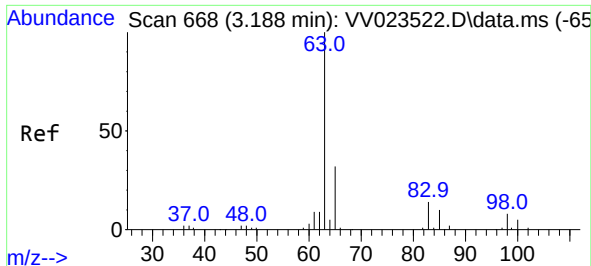
Ion Ratio Lower Upper

73 100

43 10.2 17.4 26.0

57 21.3 16.5 24.7





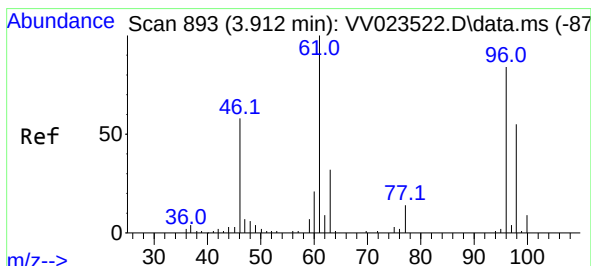
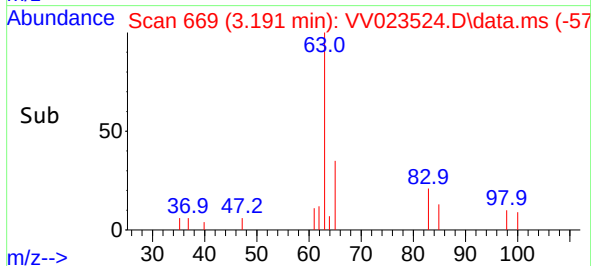
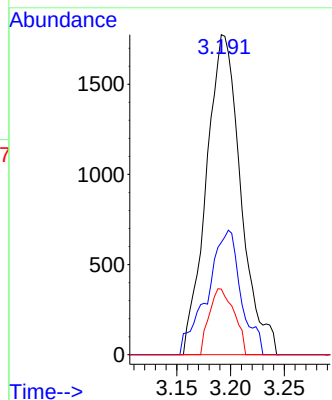
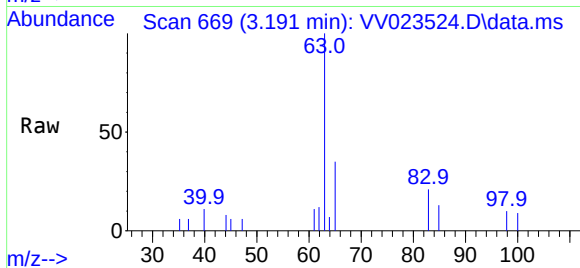
#19
1,1-Dichloroethane
Concen: 0.264 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

Tgt Ion: 63 Resp: 3958
Ion Ratio Lower Upper
63 100
65 35.1 22.6 42.0
83 20.5 11.1 20.7

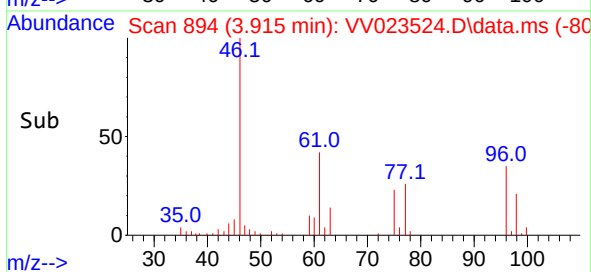
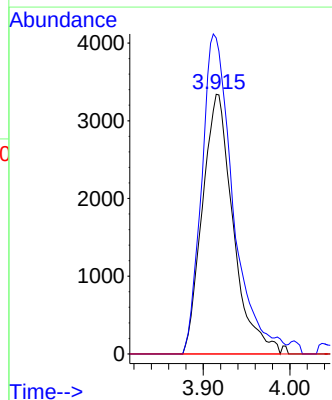
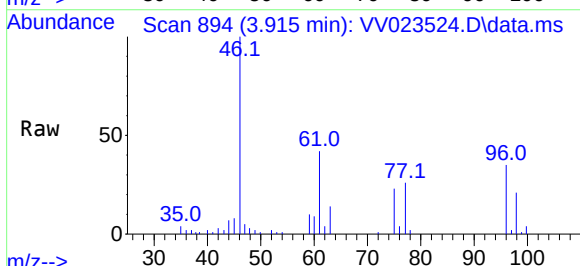
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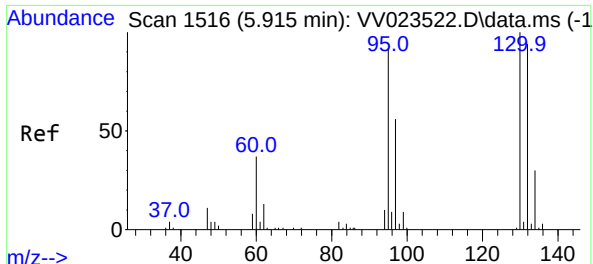
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
cis-1,2-Dichloroethene
Concen: 0.967 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

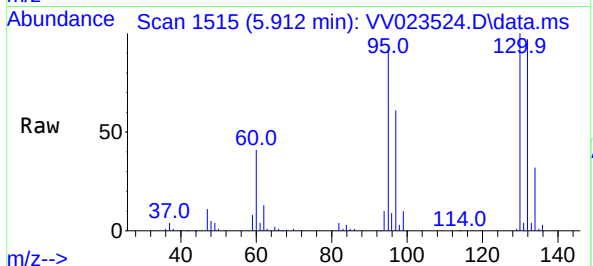
Tgt Ion: 96 Resp: 8245
Ion Ratio Lower Upper
96 100
61 121.7 92.3 171.3
68 0.0 0.4 0.8





#34
Trichloroethene
Concen: 11.908 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

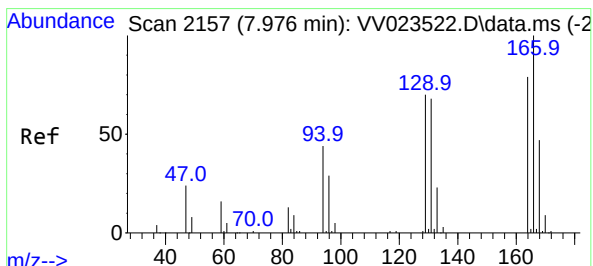
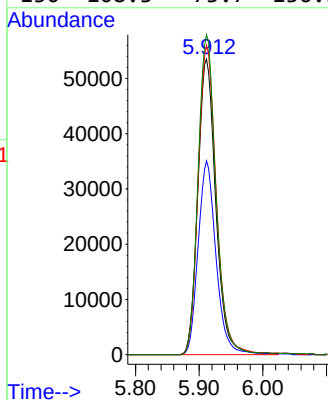
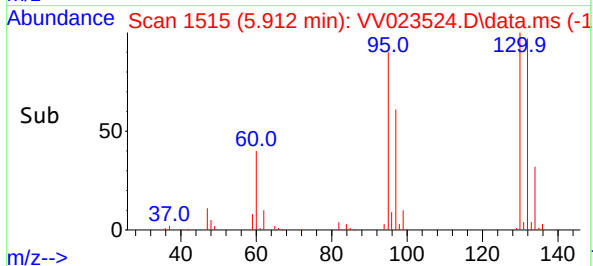
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL



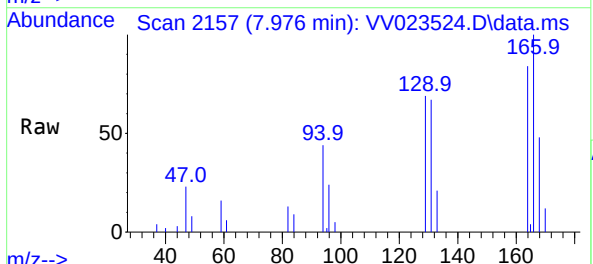
Tgt Ion: 95 Resp: 10552
Ion Ratio Lower Upper
95 100
97 65.6 45.0 83.6
132 104.7 69.7 129.4
130 108.3 73.7 136.9

Manual Integrations
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#47
Tetrachloroethene
Concen: 0.956 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14



Tgt Ion:164 Resp: 7341
Ion Ratio Lower Upper
164 100
129 82.1 64.0 119.0
131 80.4 63.4 117.8
166 119.2 89.3 165.9

