

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023411.D
 Acq On : 12 Nov 2021 00:35
 Operator : SY/MD
 Sample : M4580-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8G7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 12 02:10:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122118	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	27051	3.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.558	69	23556	3.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.098	63	42544	2.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.966	46	60181	45.661	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.320%	
24) Chloroform-d	4.342	84	67368	4.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
26) 1,2-Dichloroethane-d4	5.034	65	33802	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.043	84	137300	4.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.069	67	40800	4.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.313	98	111816	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.628	79	13191	3.944	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.104	63	44172	35.893	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26086	4.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40826	4.906	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.741	101	1471	0.097	ug/L	99
13) Acetone	2.262	43	4712m	5.851	ug/L	
38) Bromodichloromethane	6.516	83	1548	0.152	ug/L #	78
47) Tetrachloroethene	7.976	164	4069	0.541	ug/L	97

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

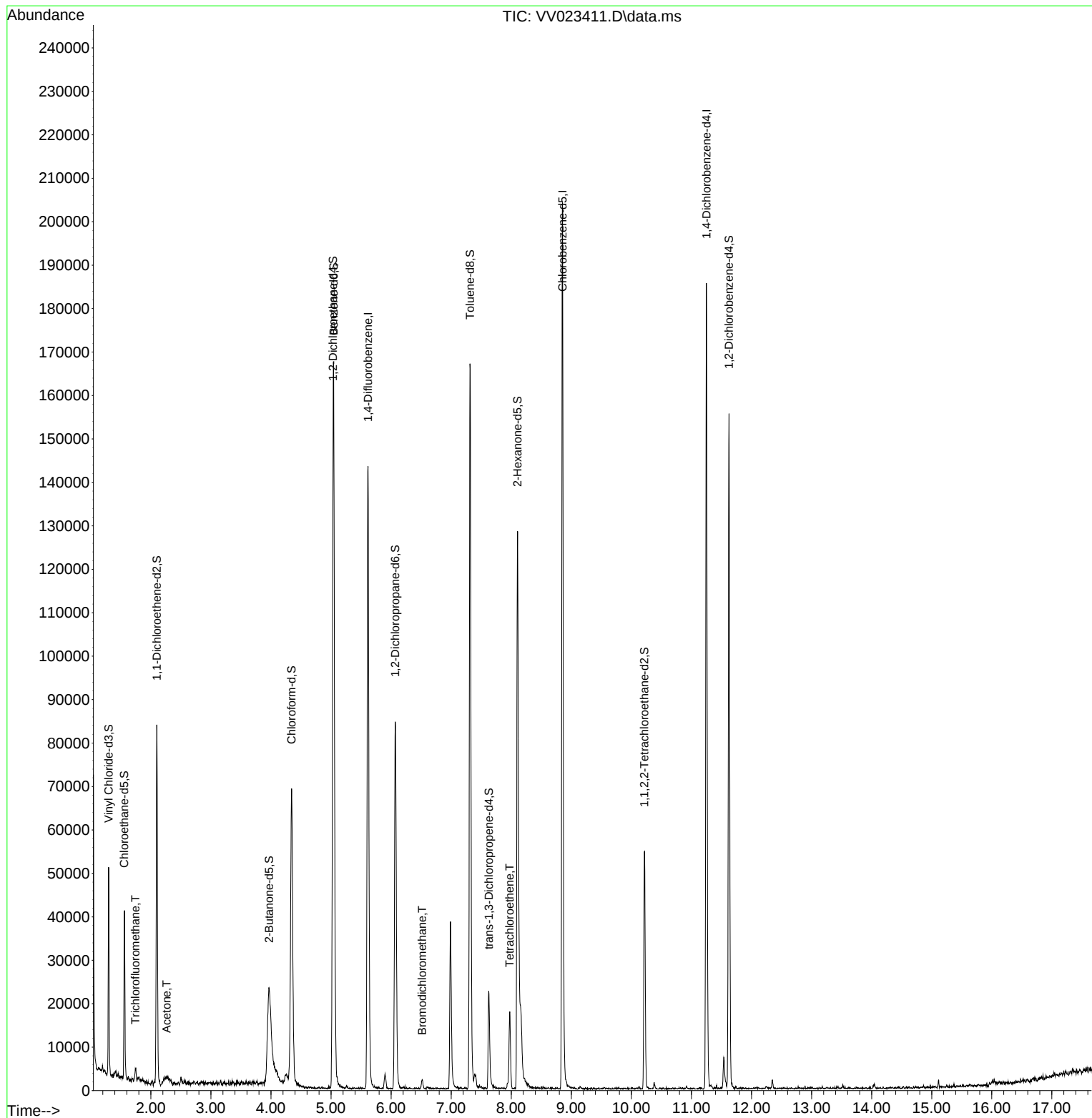
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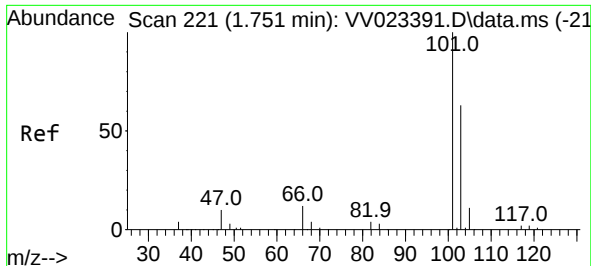
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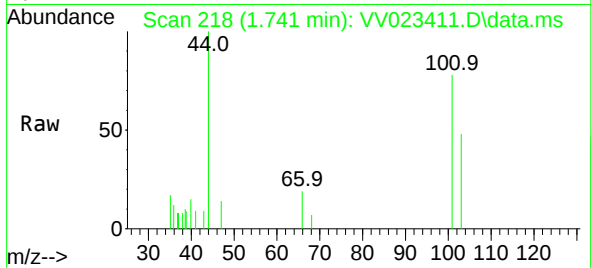
Reviewed By : John Carlone 11/15/2021
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#9
Trichlorofluoromethane
Concen: 0.097 ug/L
RT: 1.741 min Scan# 217
Delta R.T. -0.010 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

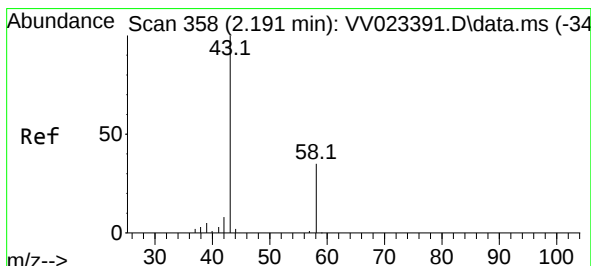
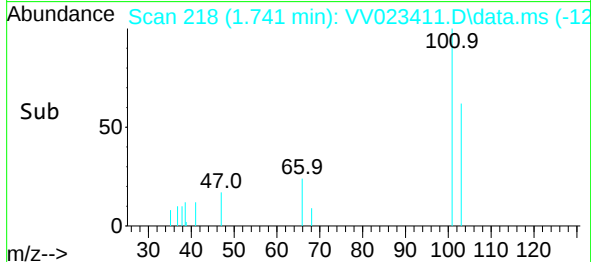
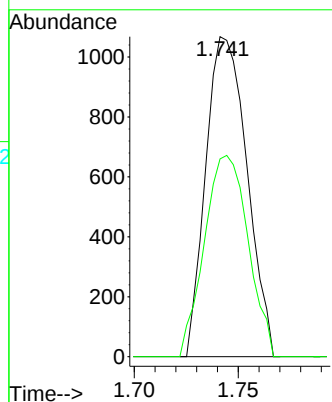
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Tgt Ion:101 Resp: 147
Ion Ratio Lower Upper
101 100
103 66.7 52.6 79.0

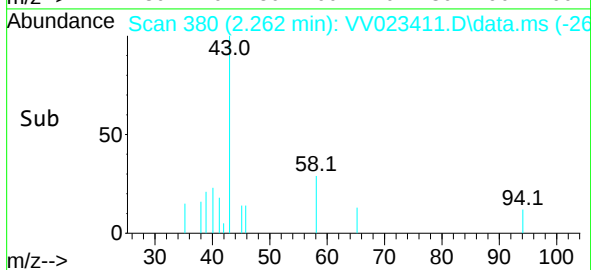
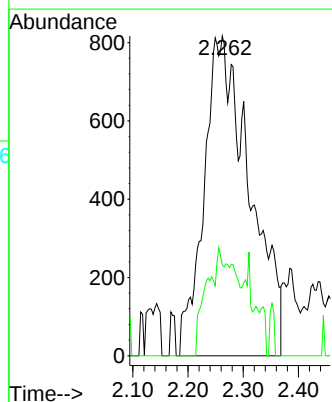
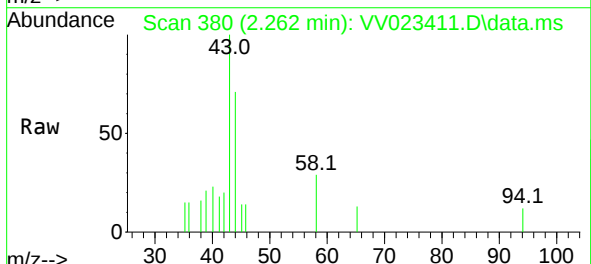
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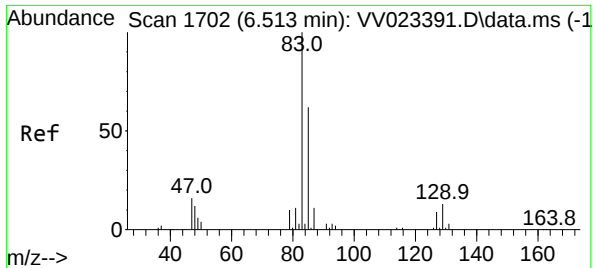
Reviewed By :John Carlone 11/15/2021
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#13
Acetone
Concen: 5.851 ug/L m
RT: 2.262 min Scan# 380
Delta R.T. 0.071 min
Lab File: VV023411.D
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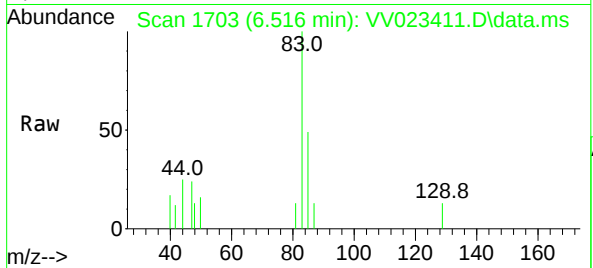
Tgt Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
58 6.7 0.0 55.4





#38
Bromodichloromethane
Concen: 0.152 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023411.D
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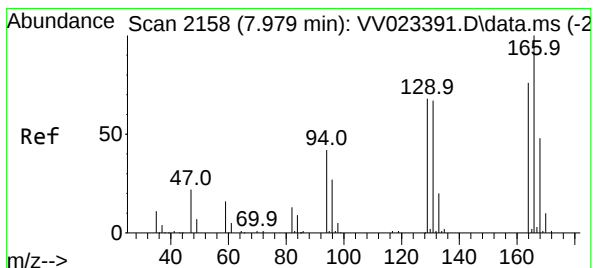
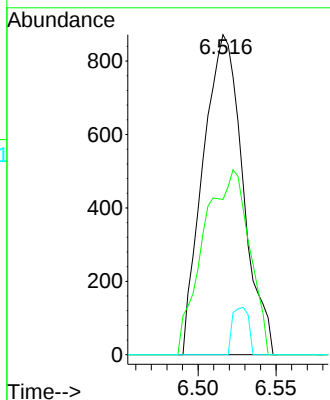
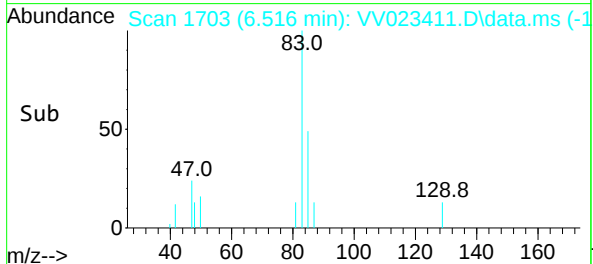
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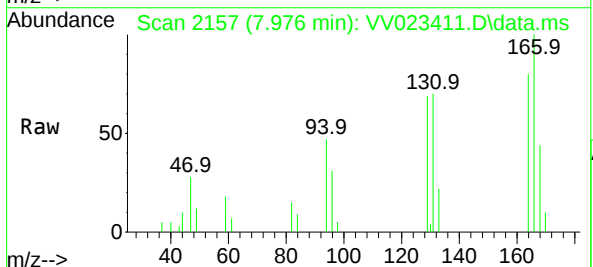
Tgt Ion: 83 Resp: 154
Ion Ratio Lower Upper
83 100
85 48.5 46.1 85.7
127 0.0 7.2 10.8

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#47
Tetrachloroethene
Concen: 0.541 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35



Tgt Ion:164 Resp: 4069
Ion Ratio Lower Upper
164 100
129 87.3 64.0 119.0
131 88.3 63.4 117.8
166 125.7 89.3 165.9

