

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029122.D
 Acq On : 18 Nov 2022 16:47
 Operator : SY/MD
 Sample : N5687-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/20/2022
 Supervised By :Mahesh Dadoda 11/20/2022

Quant Time: Nov 18 23:34:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	266849	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	233390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	106049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66113	4.064	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.200%	
7) Chloroethane-d5	1.561	69	60334	4.219	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.101	63	99176	3.345	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.000%	
20) 2-Butanone-d5	3.905	46	181539m	66.662	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.320%#	
24) Chloroform-d	4.342	84	160044	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.031	65	77627	5.166	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.047	84	330482	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.066	67	104650	5.380	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.313	98	283600	4.522	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.622	79	30691	4.837	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.800%	
46) 2-Hexanone-d5	8.088	63	149810	55.319	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.640%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75553	5.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	103831	5.473	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
3) Chloromethane	1.240	50	11944	0.647	ug/L	97
12) 1,1-Dichloroethene	2.111	96	5267	0.326	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	11490	0.613	ug/L	99
19) 1,1-Dichloroethane	3.188	63	31945	1.043	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	559746	29.387	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	167802	6.127	ug/L	98
34) Trichloroethene	5.908	95	1851448	101.401	ug/L	98
47) Tetrachloroethene	7.979	164	1405	0.096	ug/L	89

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

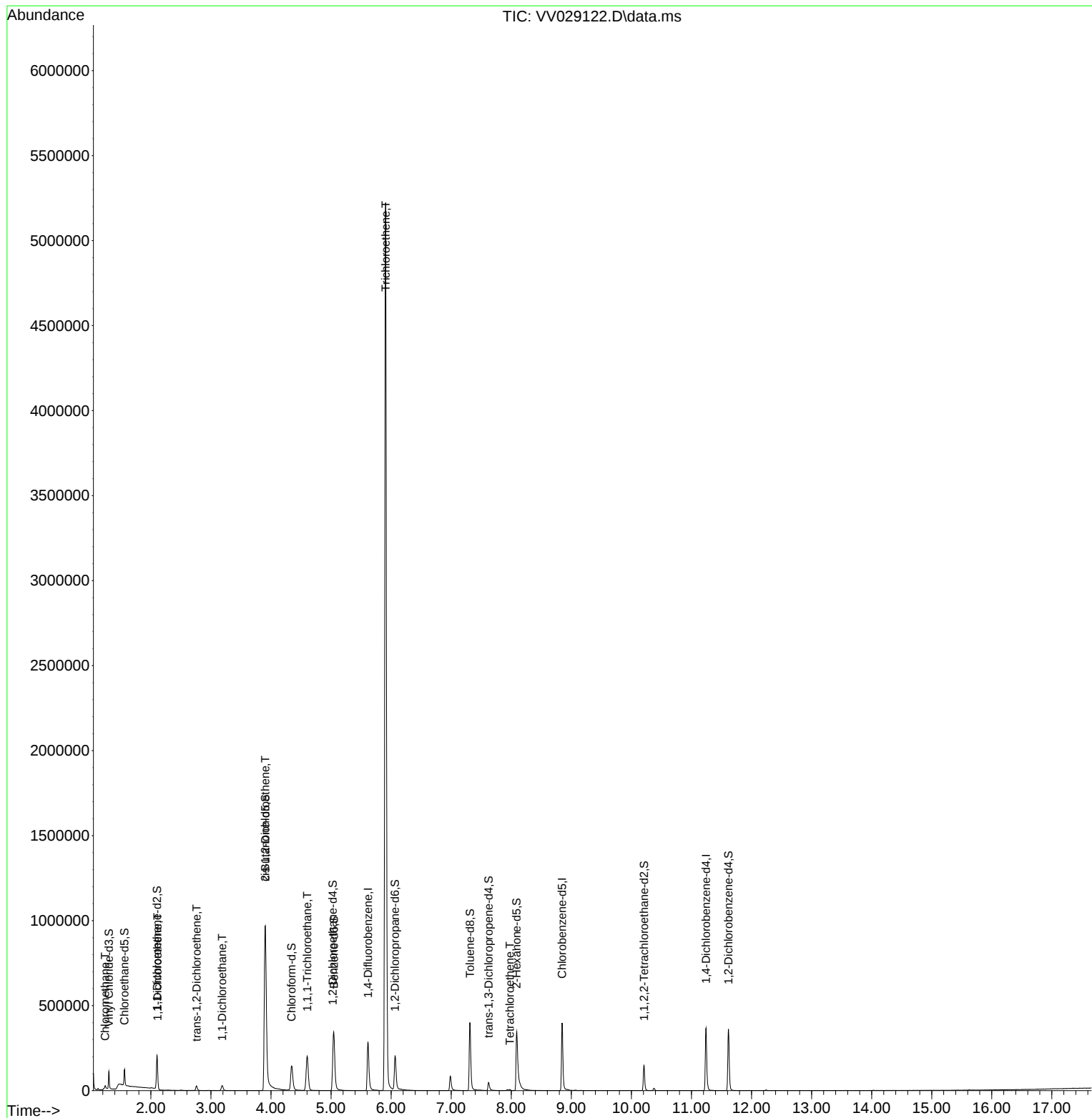
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029122.D
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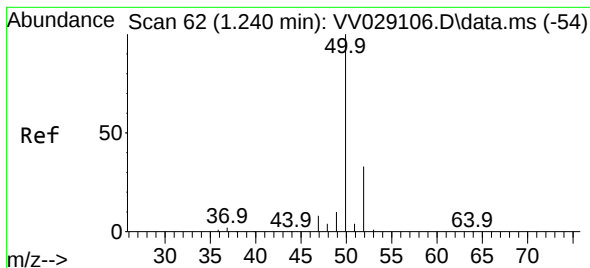
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.647 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029122.D

Acq: 18 Nov 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

BGCE4

Tgt Ion: 50 Resp: 11944

Ion Ratio Lower Upper

50 100

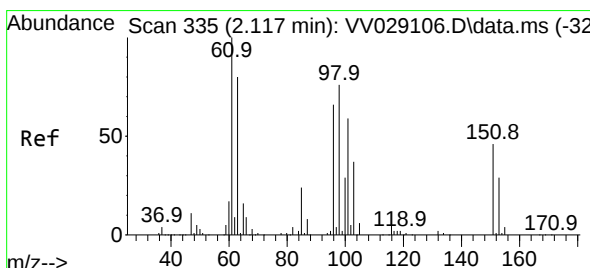
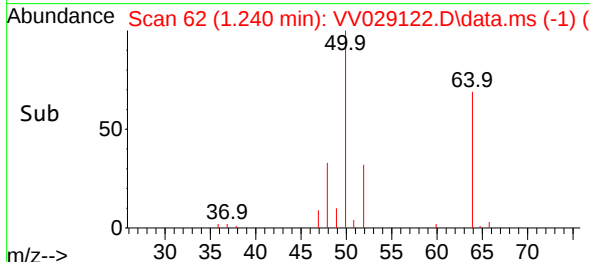
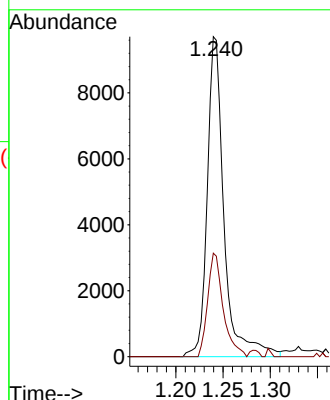
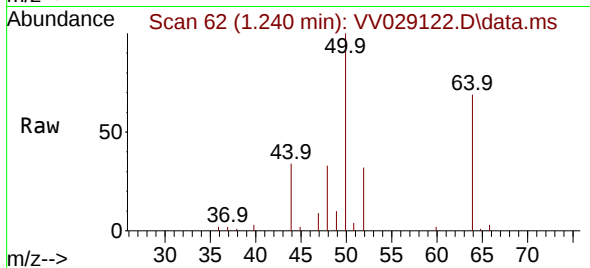
52 32.4 23.7 43.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.326 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.010 min

Lab File: VV029122.D

Acq: 18 Nov 2022 16:47

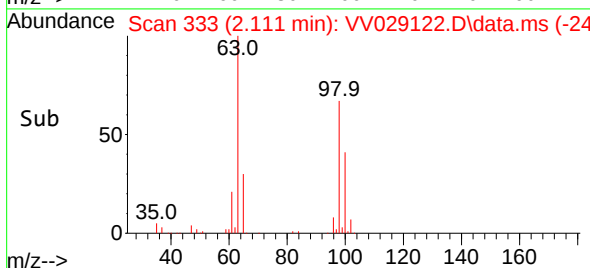
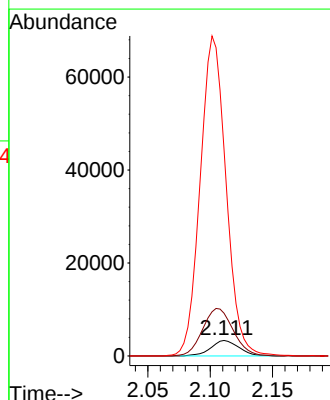
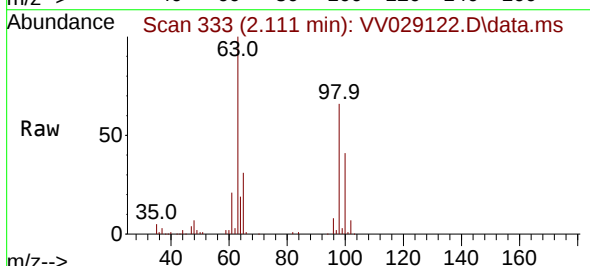
Tgt Ion: 96 Resp: 5267

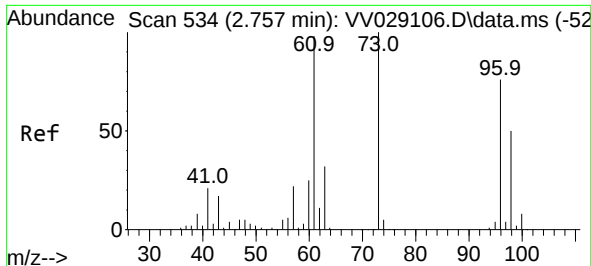
Ion Ratio Lower Upper

96 100

61 273.7 104.2 193.4#

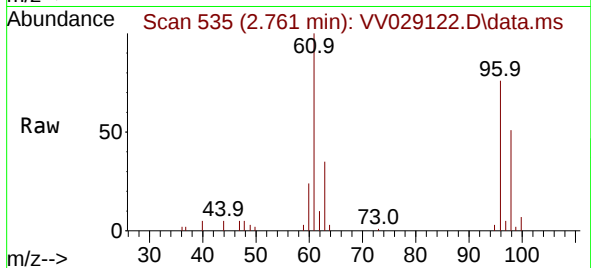
63 1324.3 75.9 140.9#





#18
trans-1,2-Dichloroethene
Concen: 0.613 ug/L
RT: 2.761 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV029122.D
Acq: 18 Nov 2022 16:47

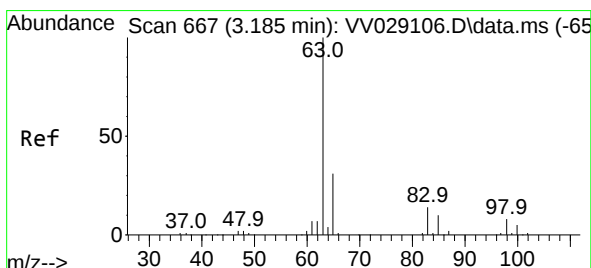
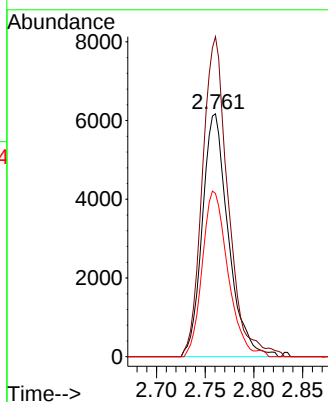
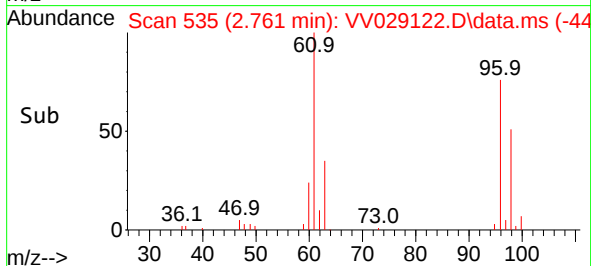
Instrument :
MSVOA_V
ClientSampleId :
BGCE4



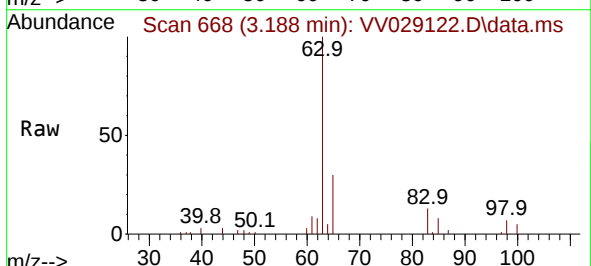
Tgt Ion: 96 Resp: 11490
Ion Ratio Lower Upper
96 100
61 131.7 91.8 170.6
98 67.2 46.4 86.2

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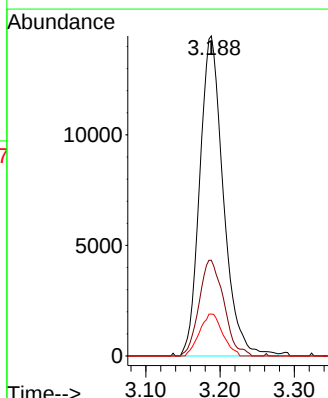
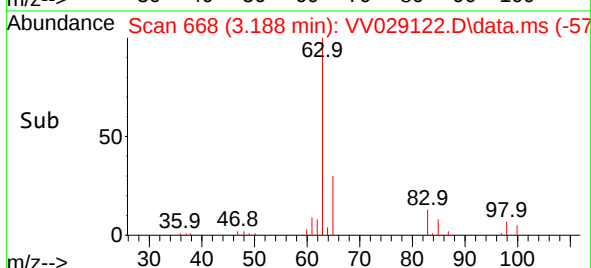
Reviewed By :Krupa Patel 11/20/2022
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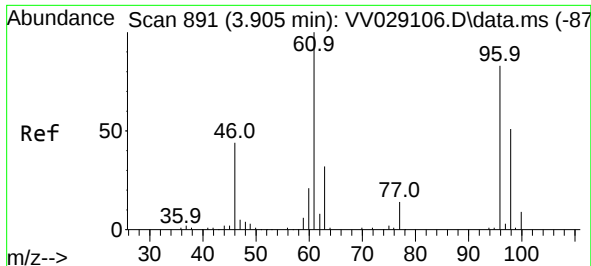


#19
1,1-Dichloroethane
Concen: 1.043 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029122.D
Acq: 18 Nov 2022 16:47



Tgt Ion: 63 Resp: 31945
Ion Ratio Lower Upper
63 100
65 29.9 23.0 42.6
83 13.1 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 29.387 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV029122.D

Acq: 18 Nov 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

BGCE4

Tgt Ion: 96 Resp: 559740

Ion Ratio Lower Upper

96 100

61 119.1 82.3 152.9

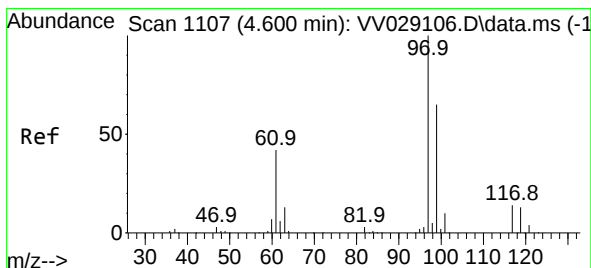
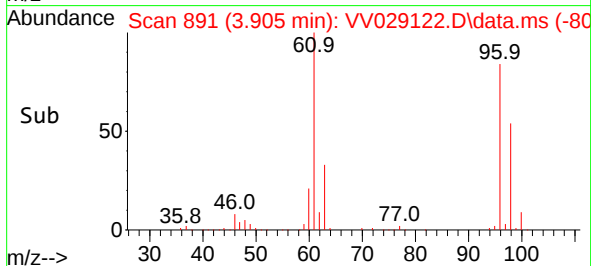
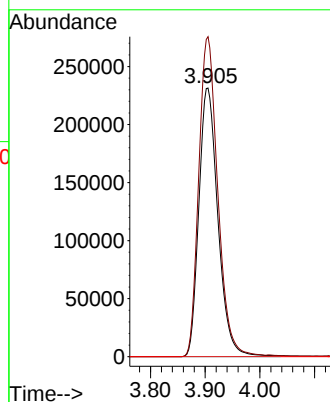
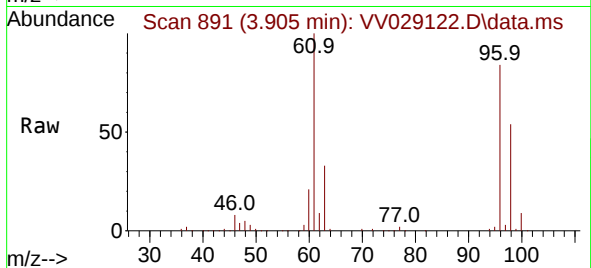
68 0.0 0.0 0.0

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#29

1,1,1-Trichloroethane

Concen: 6.127 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029122.D

Acq: 18 Nov 2022 16:47

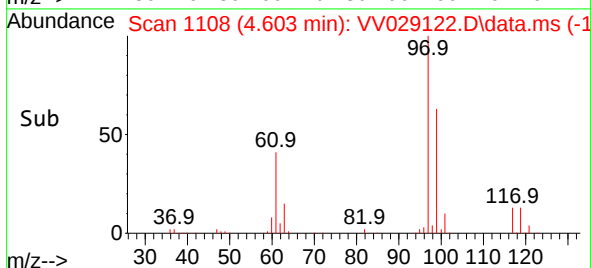
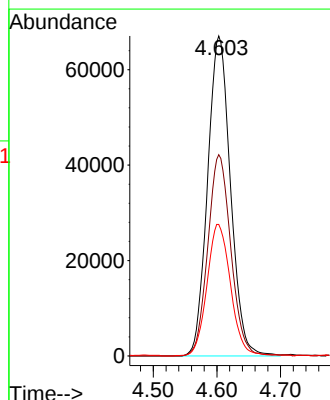
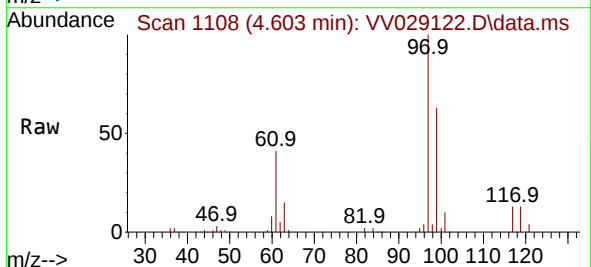
Tgt Ion: 97 Resp: 167802

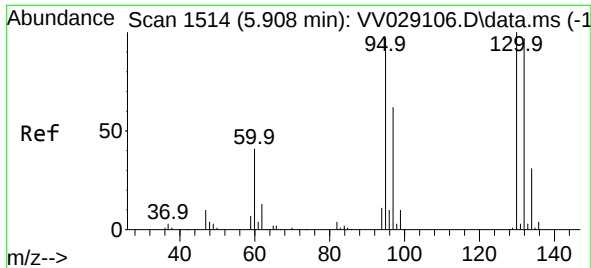
Ion Ratio Lower Upper

97 100

99 63.4 52.7 79.1

61 42.5 33.8 50.6





#34

Trichloroethene

Concen: 101.401 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV029122.D

Acq: 18 Nov 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

BGCE4

Tgt Ion: 95 Resp: 185144

Ion Ratio Lower Upper

95 100

97 65.0 45.6 84.8

132 99.3 69.1 128.3

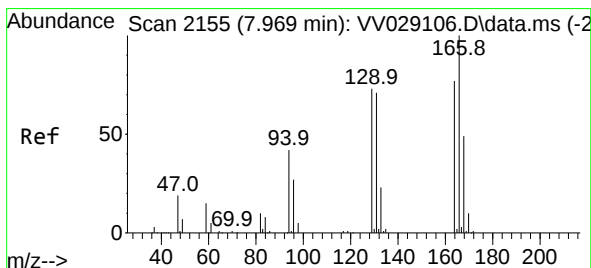
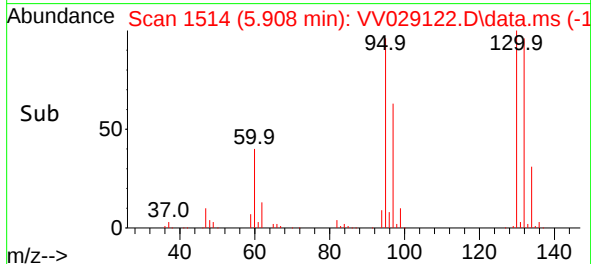
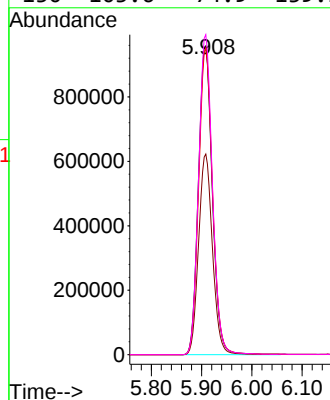
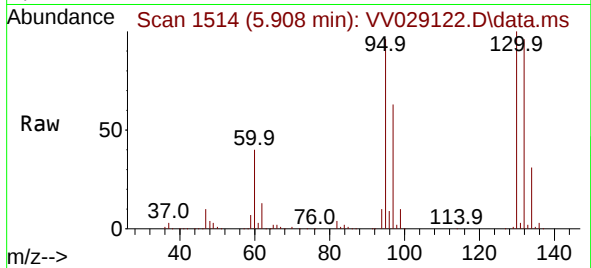
130 103.6 74.9 139.1

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#47

Tetrachloroethene

Concen: 0.096 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV029122.D

Acq: 18 Nov 2022 16:47

Tgt Ion:164 Resp: 1405

Ion Ratio Lower Upper

164 100

129 68.7 63.9 118.7

131 90.7 61.8 114.8

166 119.2 90.2 167.4

