

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029115.D
 Acq On : 18 Nov 2022 13:57
 Operator : SY/MD
 Sample : N5687-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD5

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 23:34:01 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	293475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76417	4.271	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.568	69	69120	4.395	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.800%	
11) 1,1-Dichloroethene-d2	2.108	63	108108	3.316	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	3.902	46	189986m	63.435	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.860%	
24) Chloroform-d	4.346	84	177072	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.034	65	81306	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.050	84	356109	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.069	67	112540	5.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.313	98	319589	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	7.622	79	34959	4.841	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.800%	
46) 2-Hexanone-d5	8.091	63	158670	51.478	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.960%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83146	5.417	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	112802	5.361	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
3) Chloromethane	1.240	50	12243	0.603	ug/L	99
12) 1,1-Dichloroethene	2.117	96	3860	0.217	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	37672	1.118	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	272036	12.986	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	37694	1.209	ug/L	98
33) Benzene	5.104	78	9912	0.122	ug/L	100
34) Trichloroethene	5.911	95	473886	22.804	ug/L	98
47) Tetrachloroethene	7.976	164	1181	0.071	ug/L #	74

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

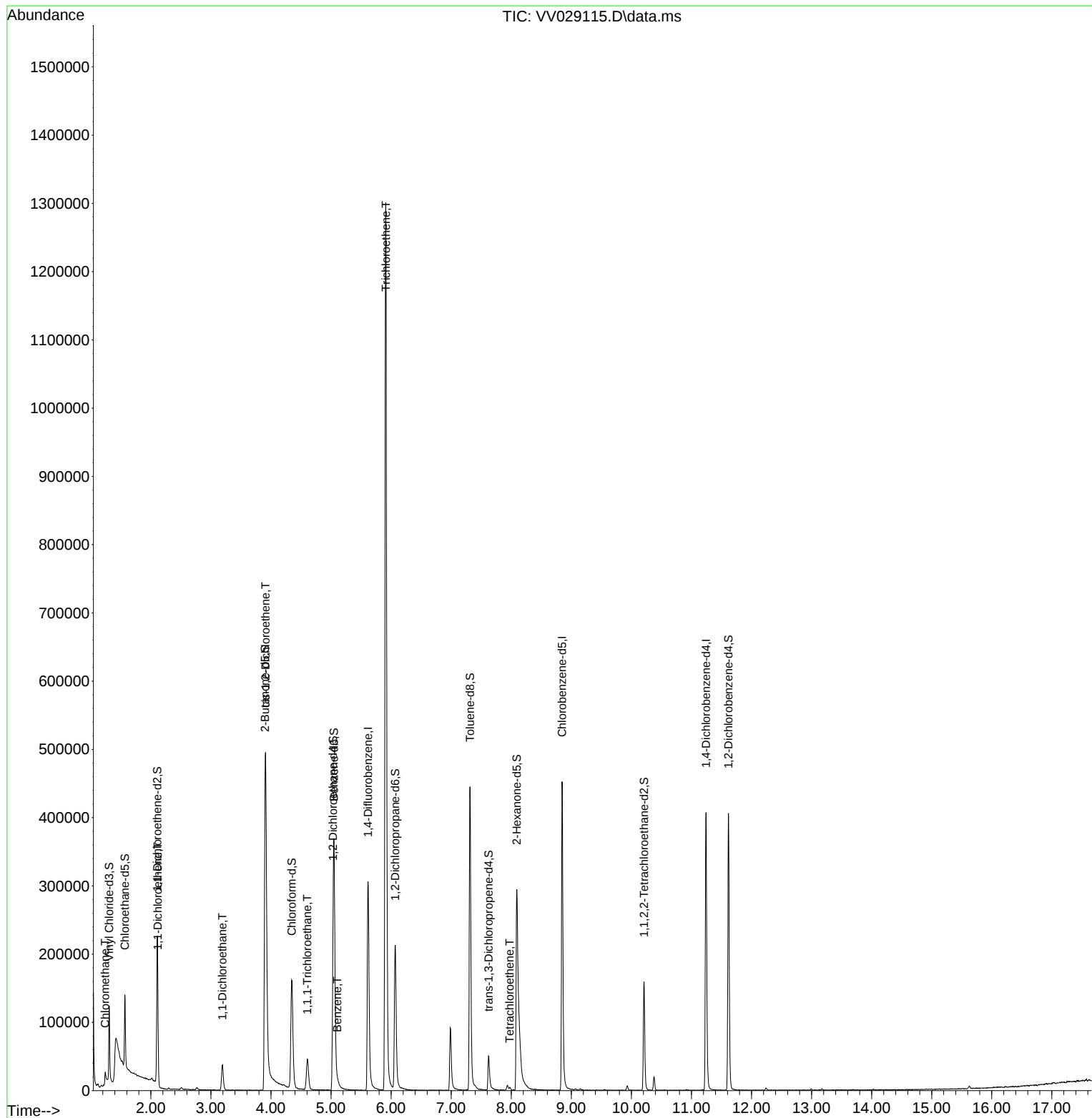
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029115.D
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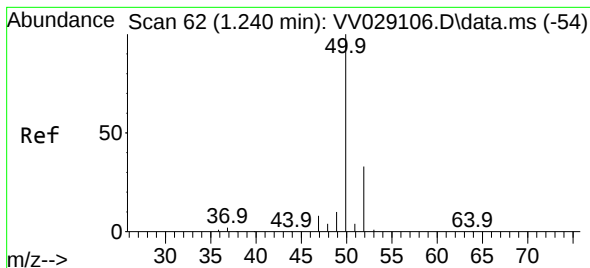
Instrument :
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Quant Time: Nov 18 23:34:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.603 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

BGCD5

Tgt Ion: 50 Resp: 1224

Ion Ratio Lower Upper

50 100

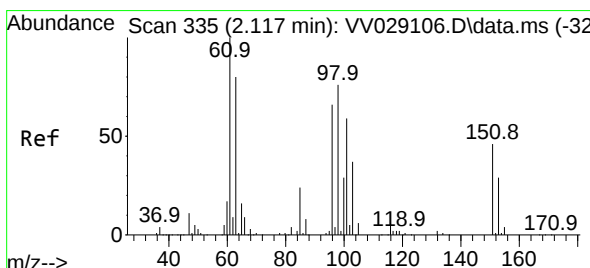
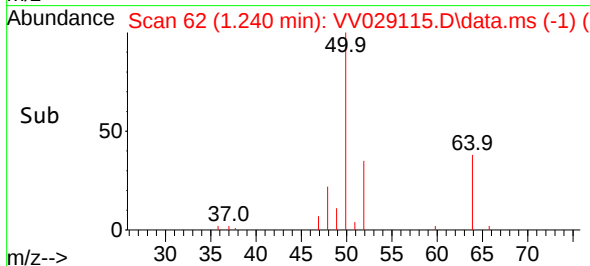
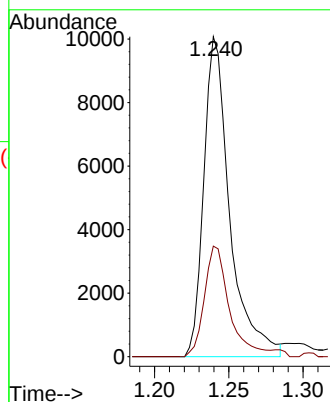
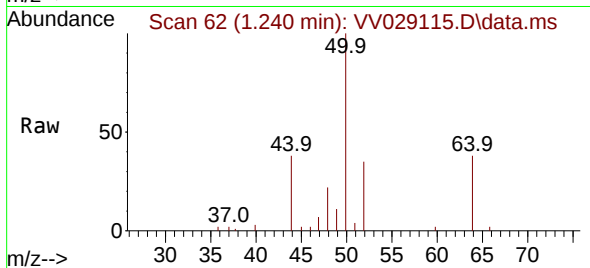
52 34.5 23.7 43.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.217 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

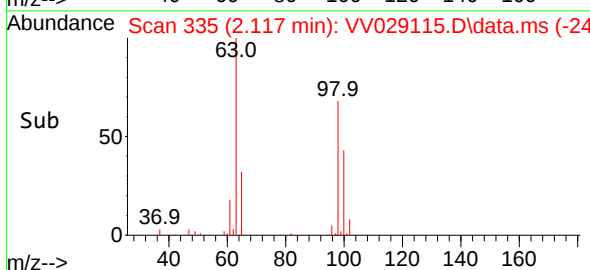
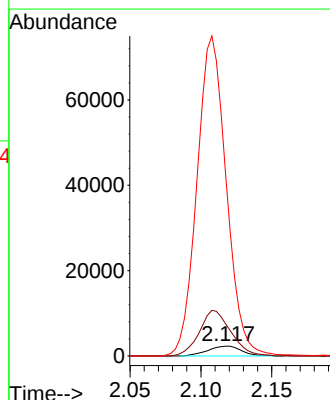
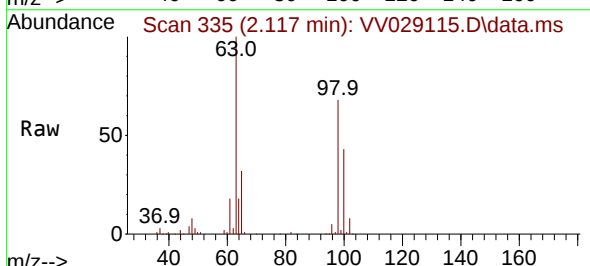
Tgt Ion: 96 Resp: 3860

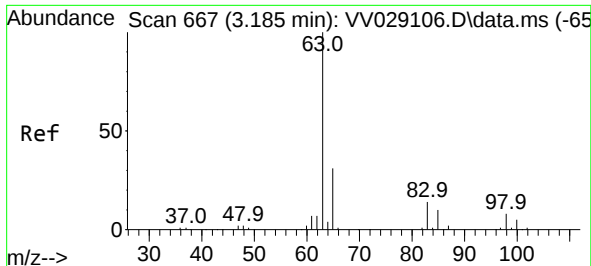
Ion Ratio Lower Upper

96 100

61 328.8 104.2 193.4#

63 1867.6 75.9 140.9#





#19

1,1-Dichloroethane

Concen: 1.118 ug/L

RT: 3.191 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

BGCD5

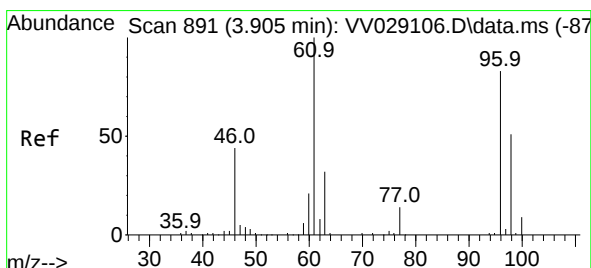
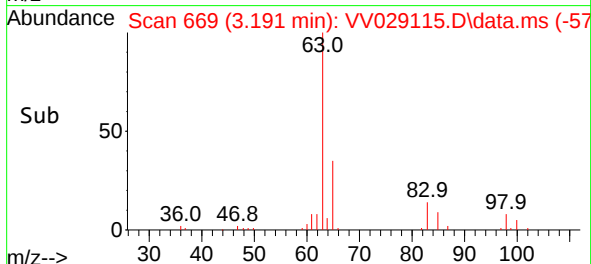
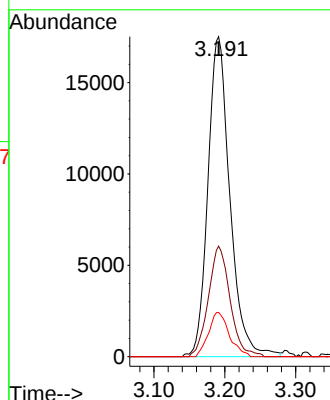
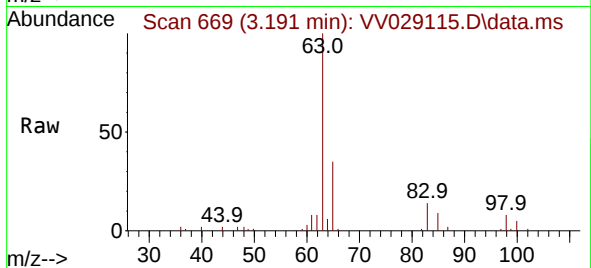
Tgt Ion: 63 Resp: 37672
 Ion Ratio Lower Upper
 63 100
 65 34.6 23.0 42.6
 83 13.9 9.4 17.6

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#22

cis-1,2-Dichloroethene

Concen: 12.986 ug/L

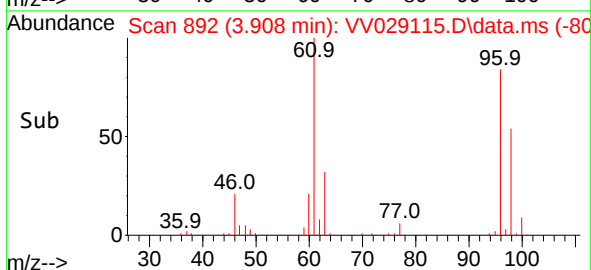
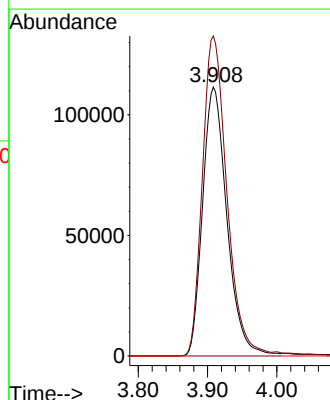
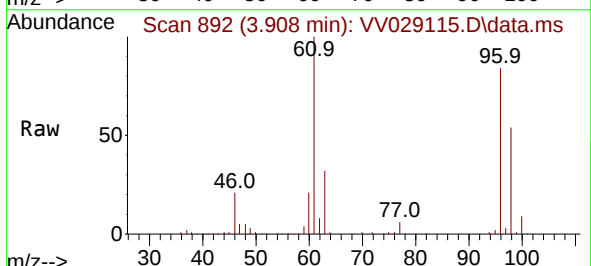
RT: 3.908 min Scan# 892

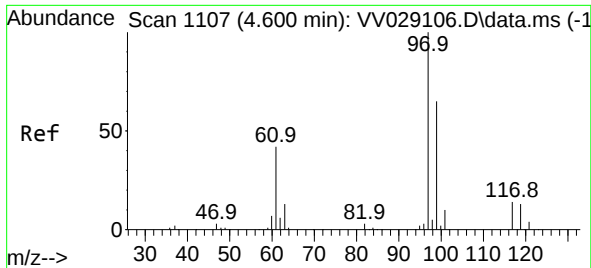
Delta R.T. -0.003 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

Tgt Ion: 96 Resp: 272036
 Ion Ratio Lower Upper
 96 100
 61 118.9 82.3 152.9
 68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.209 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

BGCD5

Tgt Ion: 97 Resp: 37694

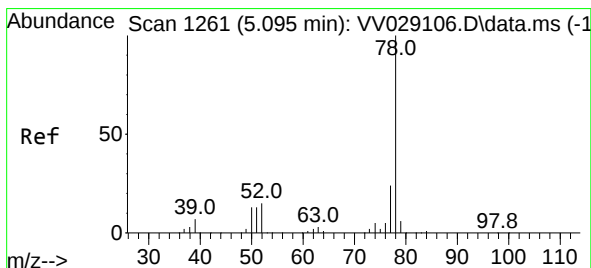
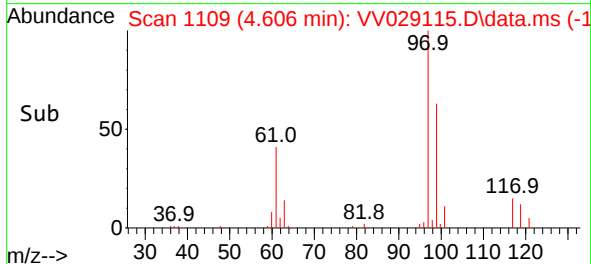
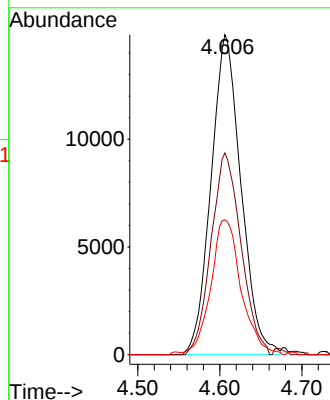
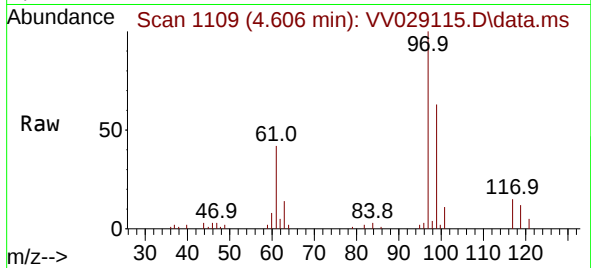
Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.7	79.1
61	42.7	33.8	50.6

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#33

Benzene

Concen: 0.122 ug/L

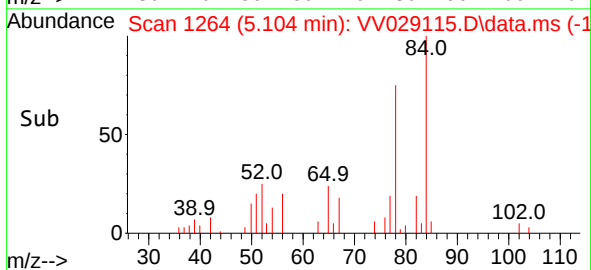
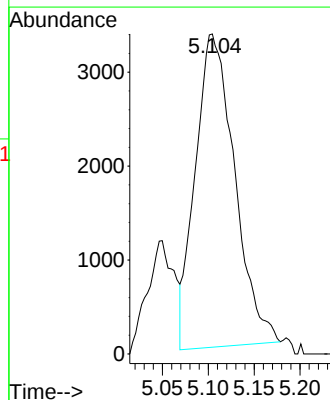
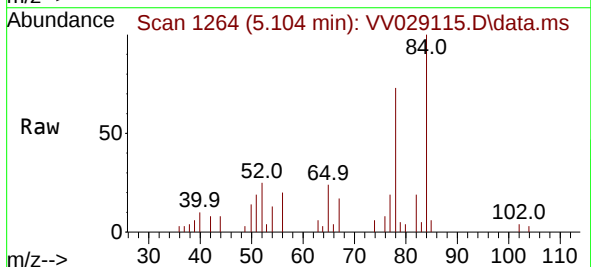
RT: 5.104 min Scan# 1264

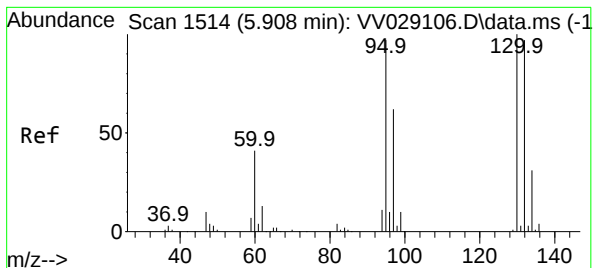
Delta R.T. 0.006 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

Tgt Ion: 78 Resp: 9912





#34

Trichloroethene

Concen: 22.804 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029115.D

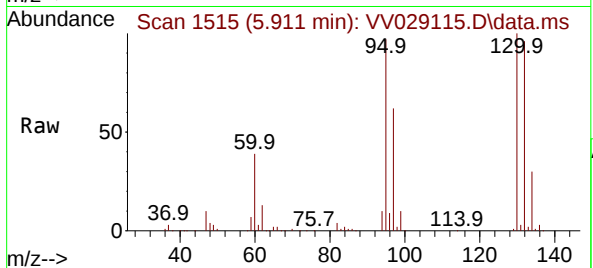
Acq: 18 Nov 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

BGCD5



Tgt Ion: 95 Resp: 47388

Ion Ratio Lower Upper

95 100

97 63.9 45.6 84.8

132 99.1 69.1 128.3

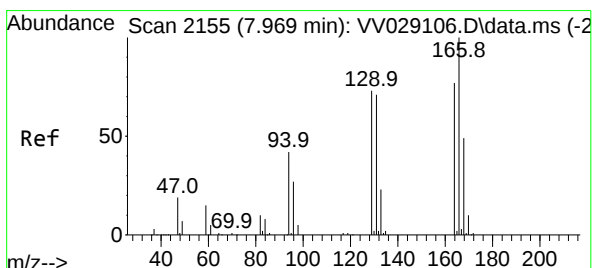
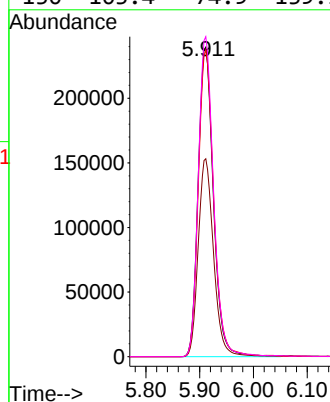
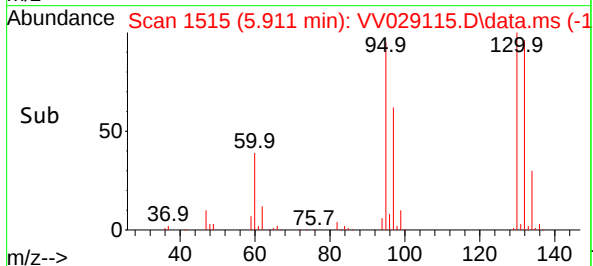
130 103.4 74.9 139.1

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#47

Tetrachloroethene

Concen: 0.071 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV029115.D

Acq: 18 Nov 2022 13:57

Tgt Ion:164 Resp: 1181

Ion Ratio Lower Upper

164 100

129 72.1 63.9 118.7

131 80.8 61.8 114.8

166 79.8 90.2 167.4#

