

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024114.D
 Acq On : 20 Dec 2021 01:48
 Operator : SY/MD
 Sample : M5148-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBS3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 04:20:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	96585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18073	3.646	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.568	69	16765	4.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.108	63	31013	3.205	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.000%	
20) 2-Butanone-d5	3.921	46	35119m	36.260	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.520%	
24) Chloroform-d	4.349	84	46435	4.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.034	65	23065	4.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	5.050	84	83223	4.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.072	67	25805	4.471	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.317	98	74041	4.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.625	79	8893	3.714	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.091	63	29368	27.399	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	54.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17782	3.714	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30628	4.818	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.117	96	3387	0.547	ug/L #	1
13) Acetone	2.224	43	14205m	18.332	ug/L	
18) trans-1,2-Dichloroethene	2.767	96	445	0.065	ug/L #	78
22) cis-1,2-Dichloroethene	3.915	96	21133	2.915	ug/L	100
30) Cyclohexane	4.677	56	5722	0.571	ug/L	98
34) Trichloroethene	5.911	95	827937	107.427	ug/L	98
47) Tetrachloroethene	7.982	164	822	0.121	ug/L	86

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

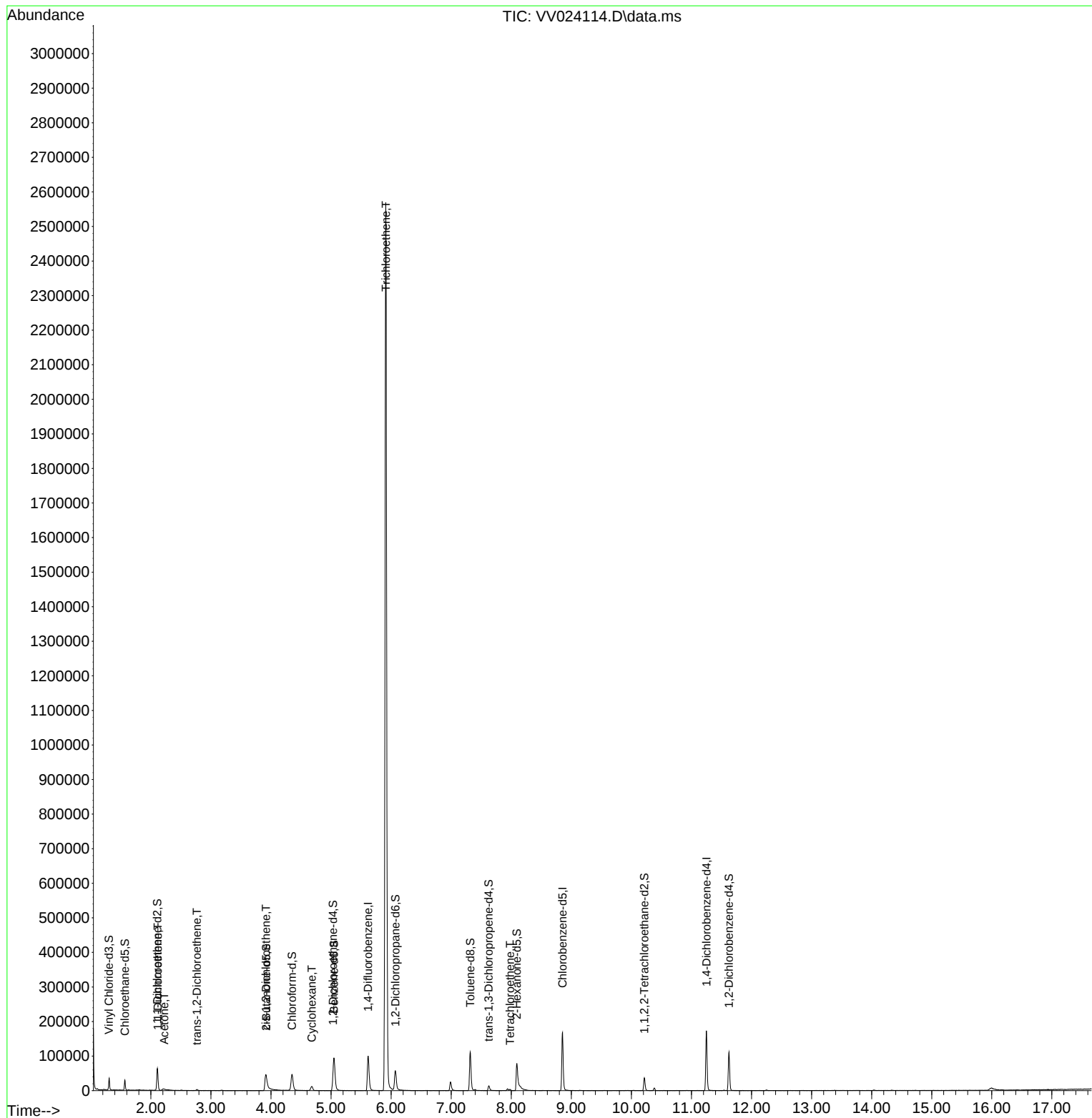
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
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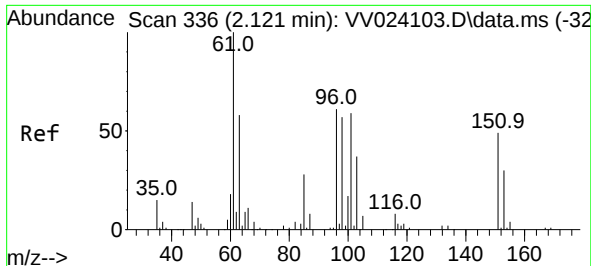
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.547 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024114.D

Acq: 20 Dec 2021 01:48

Instrument :

MSVOA_V

ClientSampleId :

GBBS3

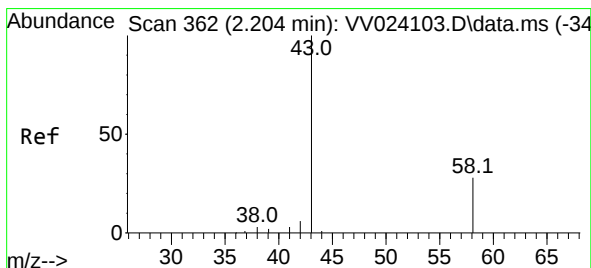
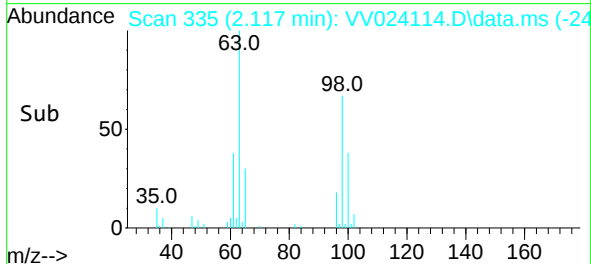
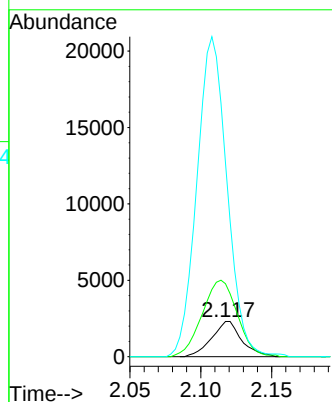
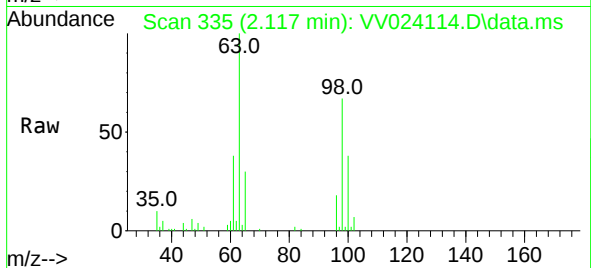
Tgt Ion:	96	Resp:	338
Ion	Ratio	Lower	Upper
96	100		
61	206.9	116.1	215.5
63	549.8	79.4	147.4

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#13

Acetone

Concen: 18.332 ug/L m

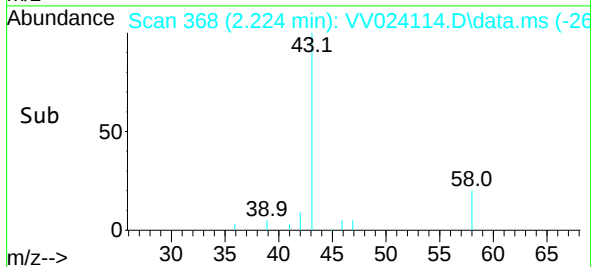
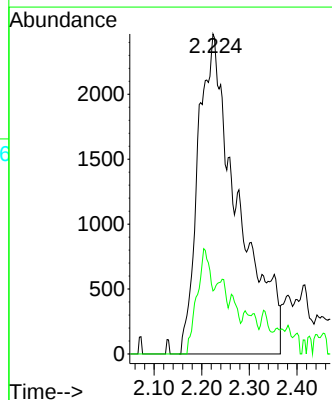
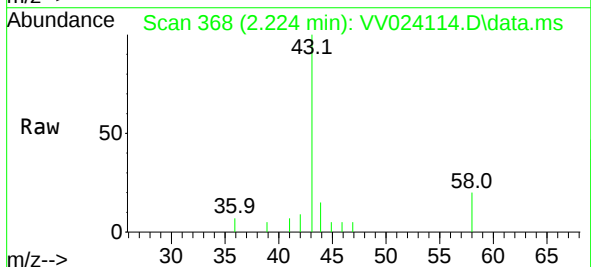
RT: 2.224 min Scan# 368

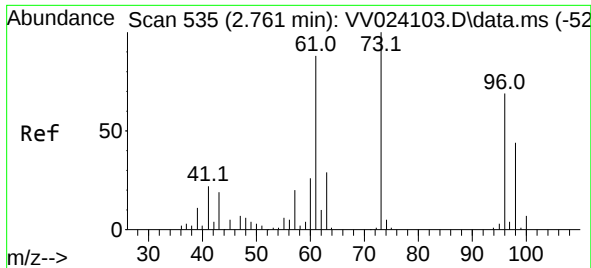
Delta R.T. 0.019 min

Lab File: VV024114.D

Acq: 20 Dec 2021 01:48

Tgt Ion:	43	Resp:	14205
Ion	Ratio	Lower	Upper
43	100		
58	11.6	0.0	41.4





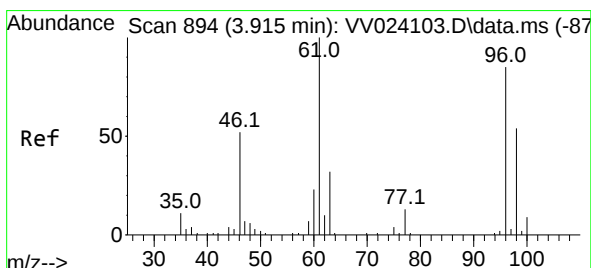
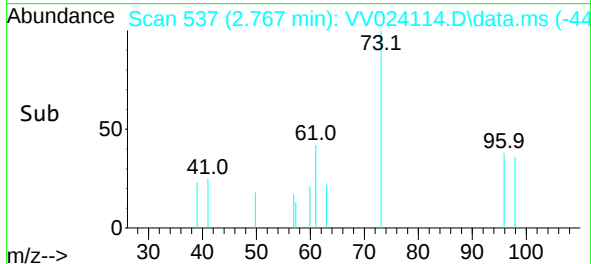
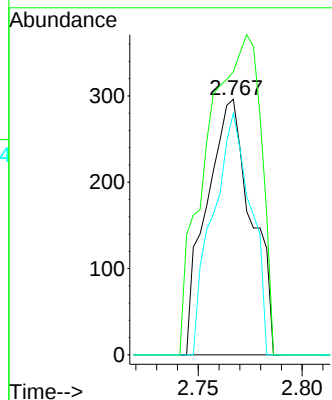
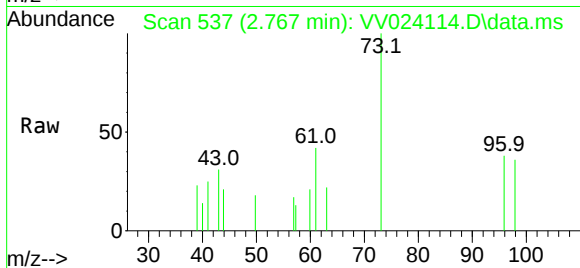
#18
trans-1,2-Dichloroethene
Concen: 0.065 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024114.D
Acq: 20 Dec 2021 01:48

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Tgt Ion: 96 Resp: 44
Ion Ratio Lower Upper
96 100
61 110.8 88.2 163.8
98 94.6 44.9 83.5

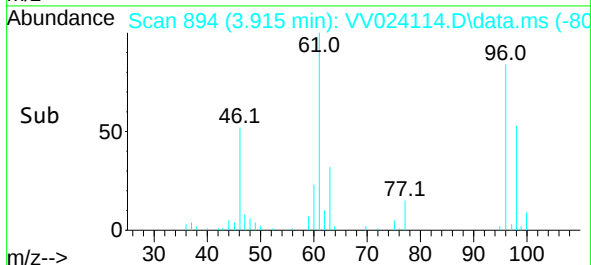
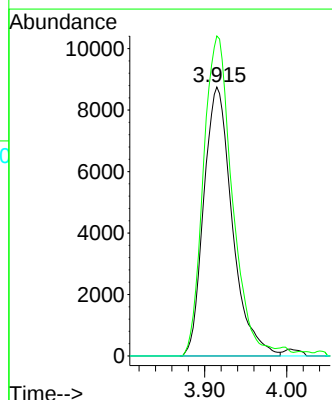
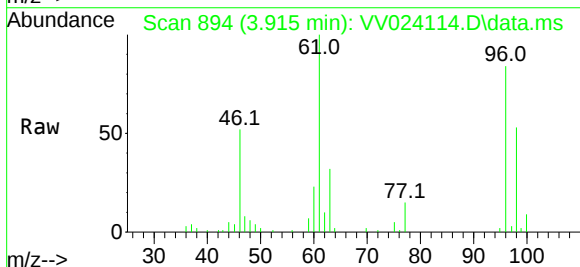
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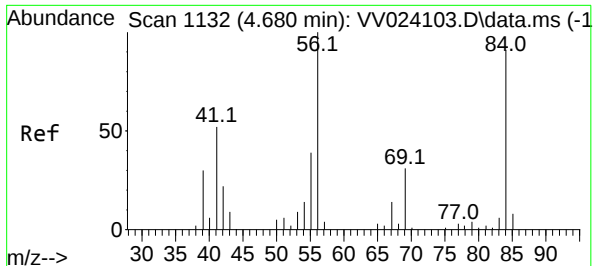
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#22
cis-1,2-Dichloroethene
Concen: 2.915 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV024114.D
Acq: 20 Dec 2021 01:48

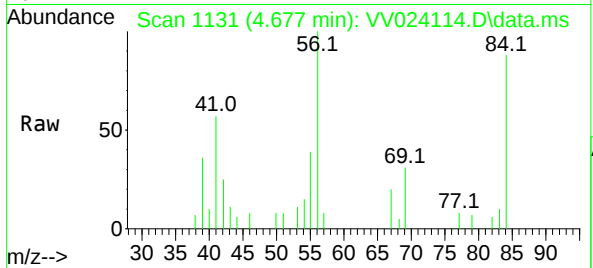
Tgt Ion: 96 Resp: 21133
Ion Ratio Lower Upper
96 100
61 119.0 83.4 154.8
68 0.0 0.0 0.0





#30
Cyclohexane
Concen: 0.571 ug/L
RT: 4.677 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV024114.D
Acq: 20 Dec 2021 01:48

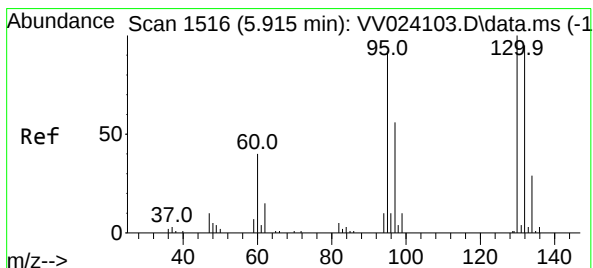
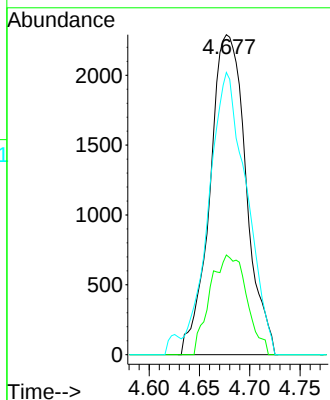
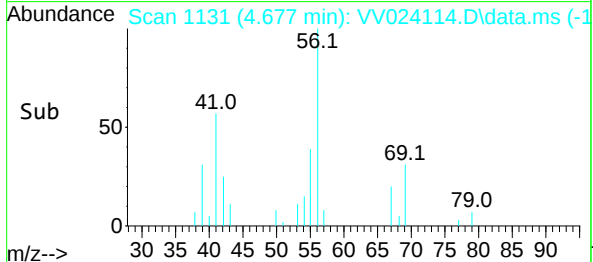
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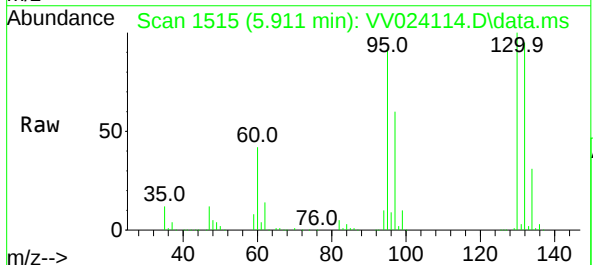
Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
69 31.5 24.8 37.2
84 92.1 75.9 113.9

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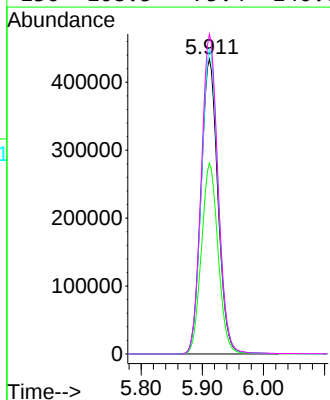
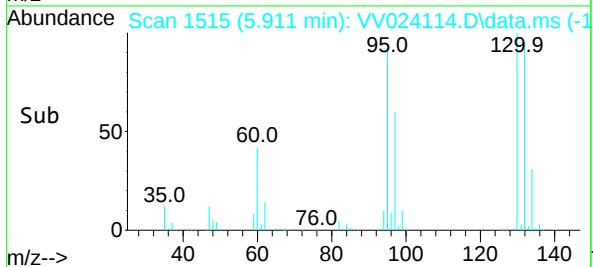
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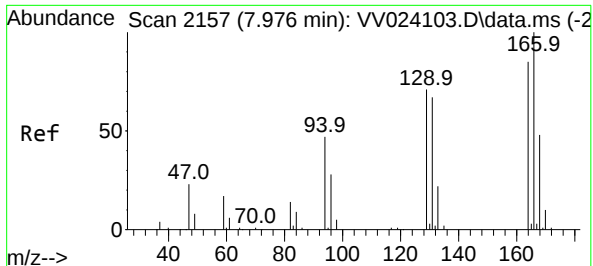


#34
Trichloroethene
Concen: 107.427 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV024114.D
Acq: 20 Dec 2021 01:48



Tgt Ion: 95 Resp: 827937
Ion Ratio Lower Upper
95 100
97 64.7 45.2 84.0
132 103.4 76.1 141.3
130 108.5 75.4 140.0





#47

Tetrachloroethene

Concen: 0.121 ug/L

RT: 7.982 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV024114.D

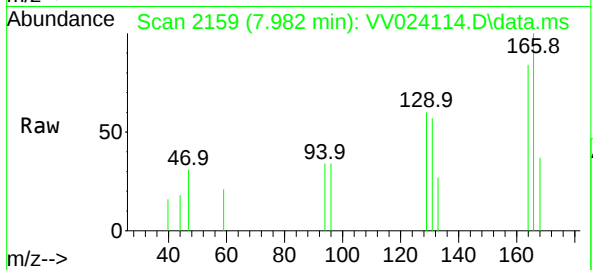
Acq: 20 Dec 2021 01:48

Instrument :

MSVOA_V

ClientSampleId :

GBBS3



Tgt Ion:164 Resp: 82

Ion Ratio Lower Upper

164 100

129 71.5 62.6 116.2

131 67.4 61.0 113.4

166 119.0 87.3 162.1

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