

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
 Data File : VV026360.D
 Acq On : 17 Jun 2022 02:28
 Operator : SY/MD
 Sample : N3318-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ56

Quant Time: Jun 17 07:22:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

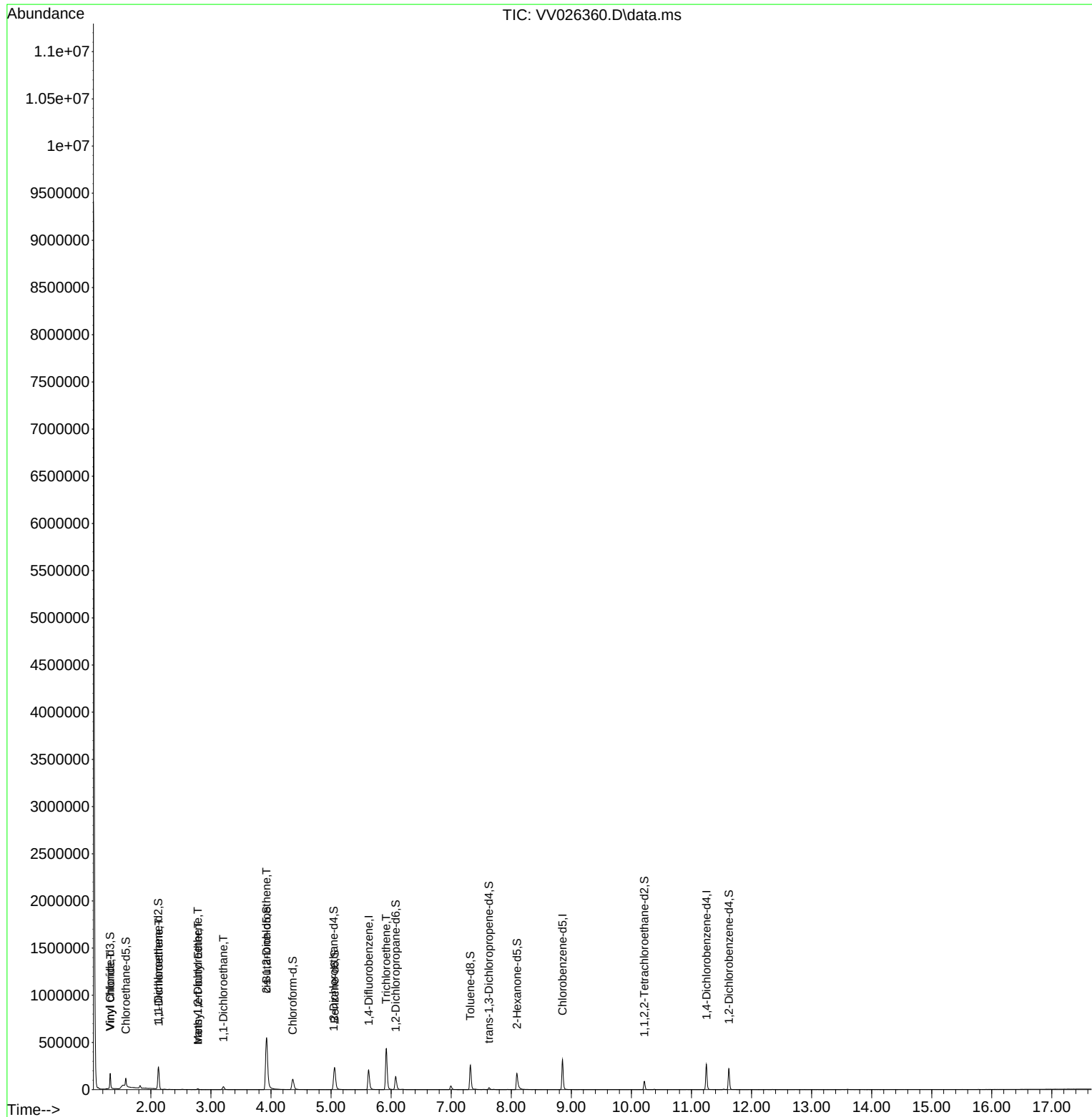
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	186062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	178285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	62309	3.856	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.584	69	53406	4.203	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.124	63	105199	3.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.928	46	85226	54.046	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.100%	
24) Chloroform-d	4.362	84	117847	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.043	65	49624	4.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.059	84	224576	4.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.076	67	71123	5.113	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.320	98	178495	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.629	79	13742	3.046	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.000%	
46) 2-Hexanone-d5	8.095	63	61373	45.040	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44458	5.188	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	58376	5.137	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
5) Vinyl chloride	1.327	62	47223	2.940	ug/L #	81
12) 1,1-Dichloroethene	2.134	96	35607	3.029	ug/L #	80
17) Methyl tert-butyl Ether	2.786	73	1611	0.080	ug/L #	87
18) trans-1,2-Dichloroethene	2.783	96	2738	0.240	ug/L	84
19) 1,1-Dichloroethane	3.208	63	33147	1.525	ug/L	99
22) cis-1,2-Dichloroethene	3.928	96	311777	27.030	ug/L	100
34) Trichloroethene	5.918	95	155340	12.448	ug/L	99

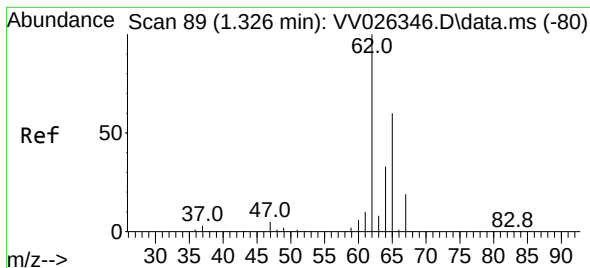
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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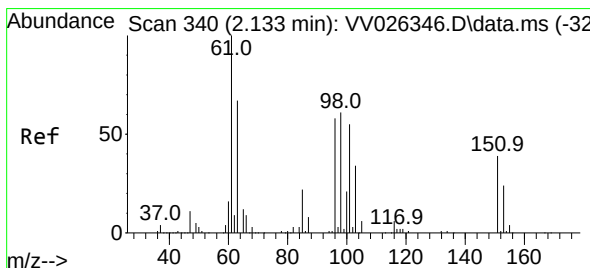
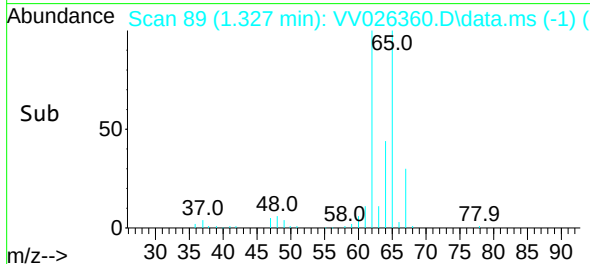
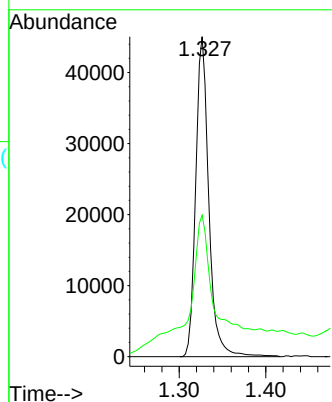
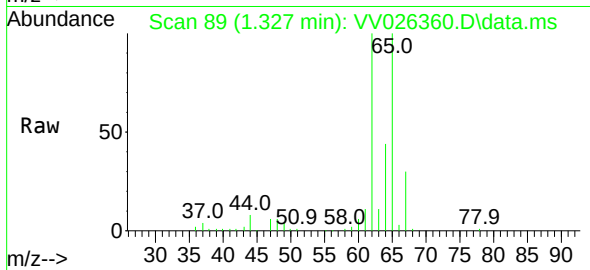




#5
 Vinyl chloride
 Concen: 2.940 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026360.D
 Acq: 17 Jun 2022 02:28

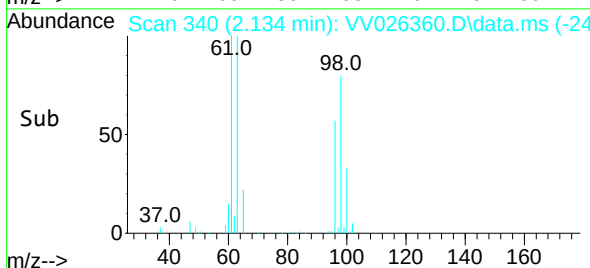
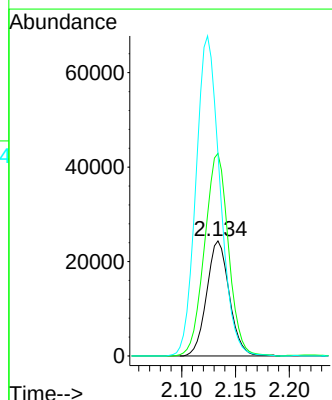
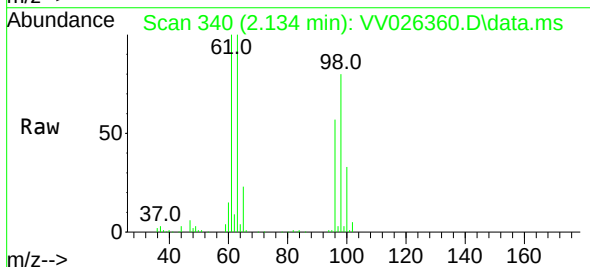
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ56

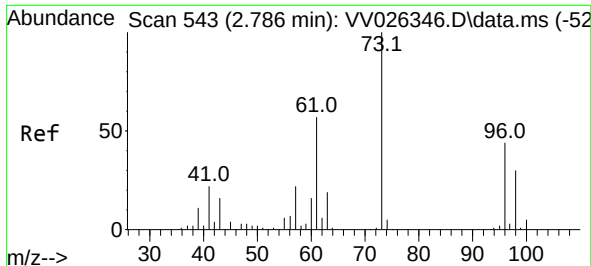
Tgt Ion: 62 Resp: 47223
 Ion Ratio Lower Upper
 62 100
 64 44.2 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 3.029 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026360.D
 Acq: 17 Jun 2022 02:28

Tgt Ion: 96 Resp: 35607
 Ion Ratio Lower Upper
 96 100
 61 176.1 117.1 217.5
 63 175.7 92.8 172.4#

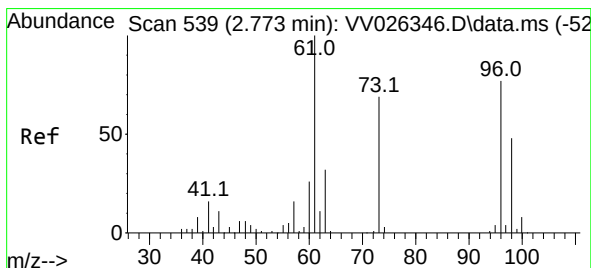
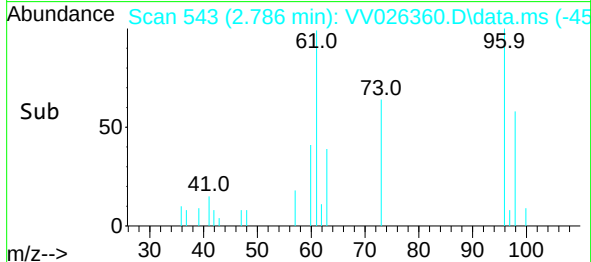
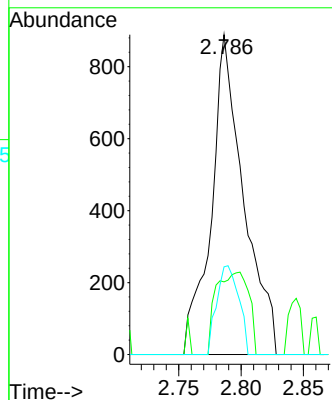
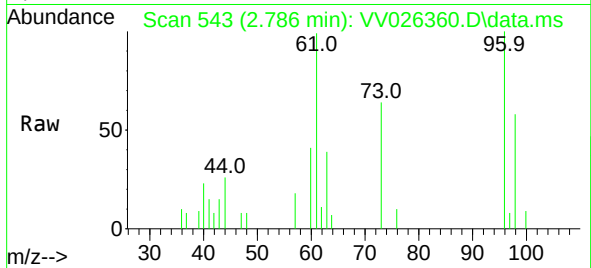




#17
Methyl tert-butyl Ether
Concen: 0.080 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.000 min
Lab File: VV026360.D
Acq: 17 Jun 2022 02:28

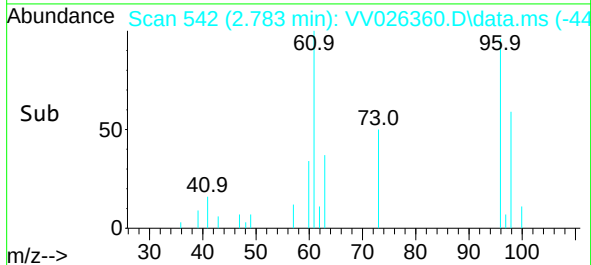
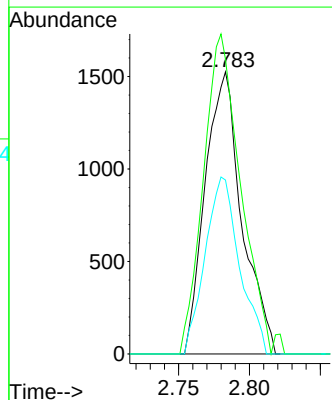
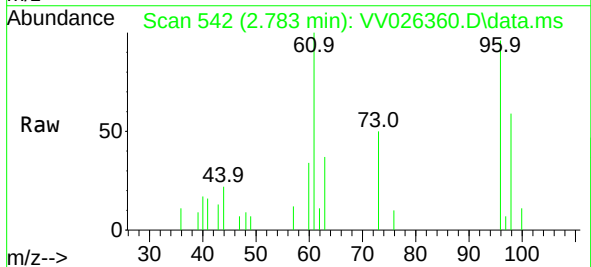
Instrument :
MSVOA_V
ClientSampleId :
BGJ56

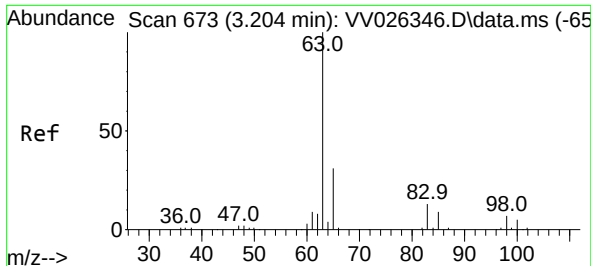
Tgt Ion: 73 Resp: 1611
Ion Ratio Lower Upper
73 100
43 25.8 13.0 19.6#
57 18.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.240 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.010 min
Lab File: VV026360.D
Acq: 17 Jun 2022 02:28

Tgt Ion: 96 Resp: 2738
Ion Ratio Lower Upper
96 100
61 104.5 91.3 169.6
98 61.6 45.3 84.1





#19

1,1-Dichloroethane

Concen: 1.525 ug/L

RT: 3.208 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026360.D

Acq: 17 Jun 2022 02:28

Instrument :

MSVOA_V

ClientSampleId :

BGJ56

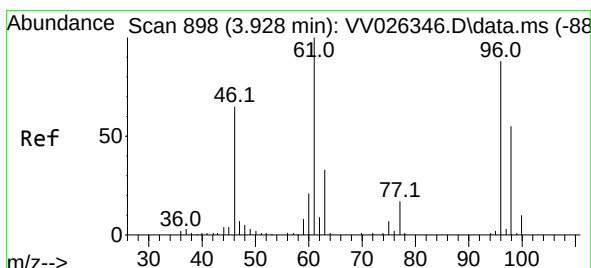
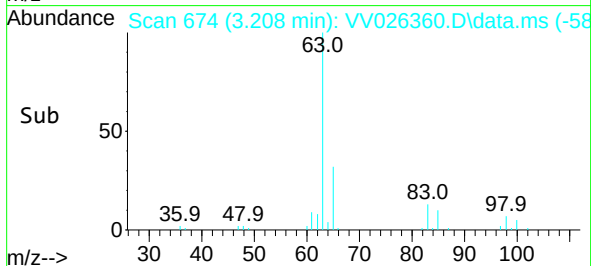
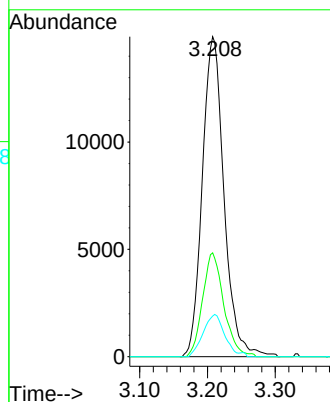
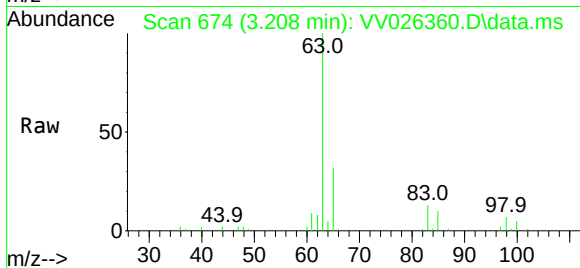
Tgt Ion: 63 Resp: 33147

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.3

83 12.7 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 27.030 ug/L

RT: 3.928 min Scan# 898

Delta R.T. 0.000 min

Lab File: VV026360.D

Acq: 17 Jun 2022 02:28

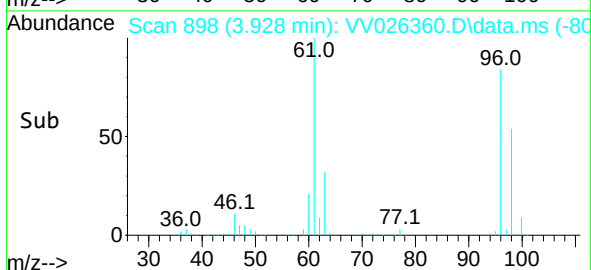
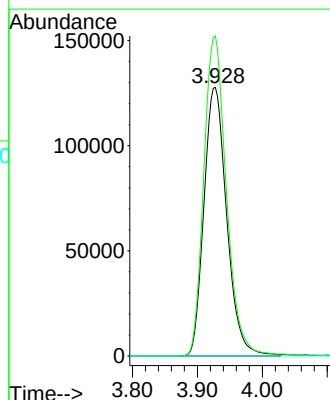
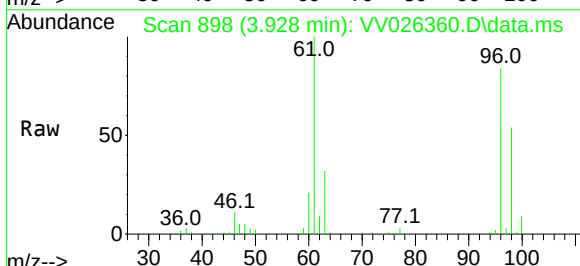
Tgt Ion: 96 Resp: 311777

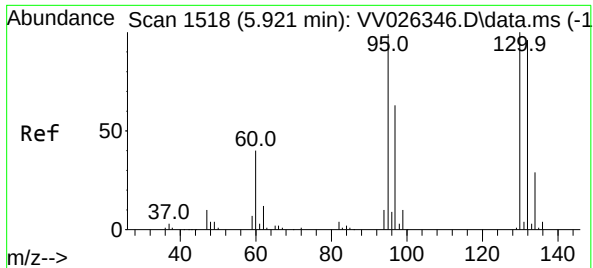
Ion Ratio Lower Upper

96 100

61 119.2 83.6 155.2

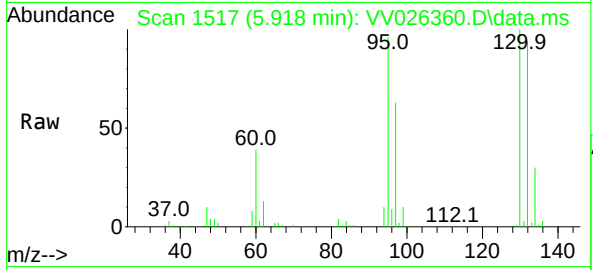
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 12.448 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV026360.D
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 ClientSampleId :
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Tgt Ion: 95 Resp: 155340

Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.5	86.3
132	98.1	68.8	127.8
130	104.3	73.6	136.6

