

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029099.D
 Acq On : 18 Nov 2022 05:51
 Operator : SY/MD
 Sample : N5648-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46F7

Quant Time: Nov 18 08:33:26 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)

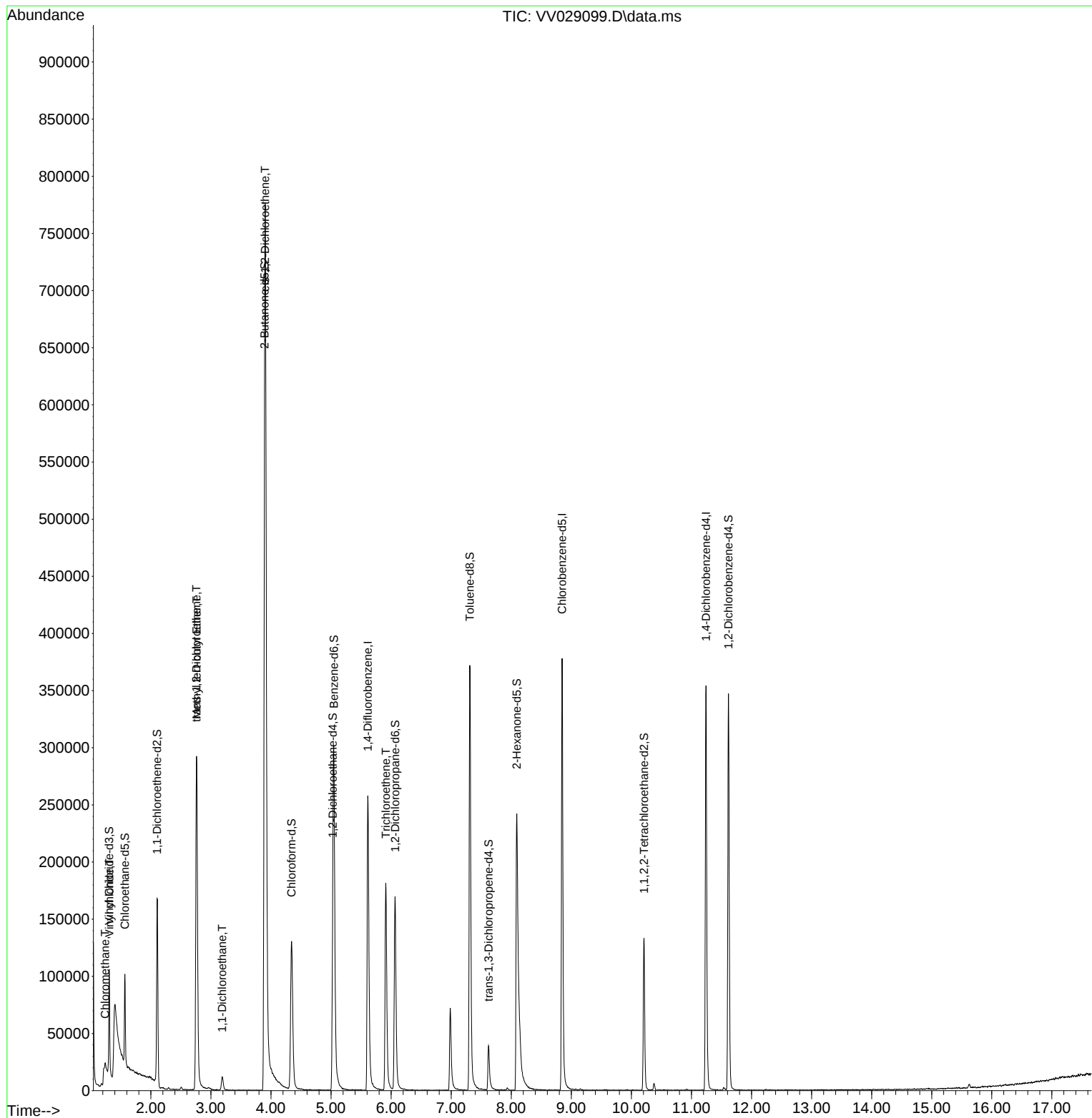
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	254975	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	234366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	105596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56458	3.632	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.600%	
7) Chloroethane-d5	1.568	69	49988	3.658	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.200%	
11) 1,1-Dichloroethene-d2	2.105	63	81930	2.892	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.800%#	
20) 2-Butanone-d5	3.892	46	109716	42.165	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.320%	
24) Chloroform-d	4.342	84	144106	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.027	65	67258	4.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.047	84	305335	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.066	67	88097	4.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.310	98	277985	4.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	7.622	79	26264	4.122	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.091	63	117813	43.322	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.640%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66677	4.923	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	103046	5.454	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3424	0.194	ug/L #	80
5) Vinyl chloride	1.310	62	6891	0.342	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	199164	6.018	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	53411	2.984	ug/L	92
19) 1,1-Dichloroethane	3.188	63	12368	0.423	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	470859	25.872	ug/L	93
34) Trichloroethene	5.912	95	66202	3.611	ug/L	93

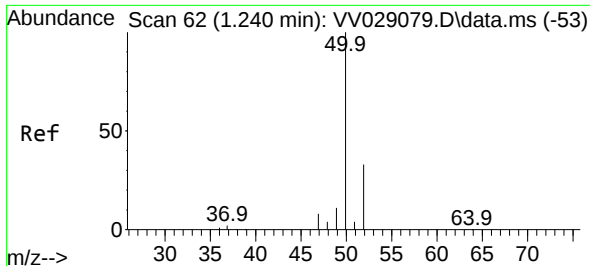
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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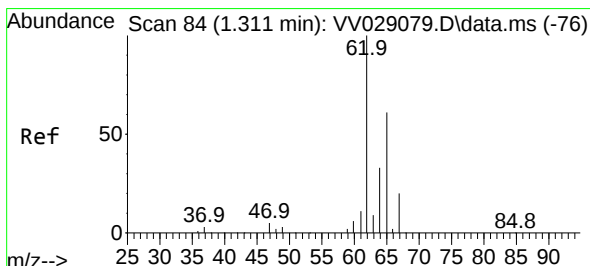
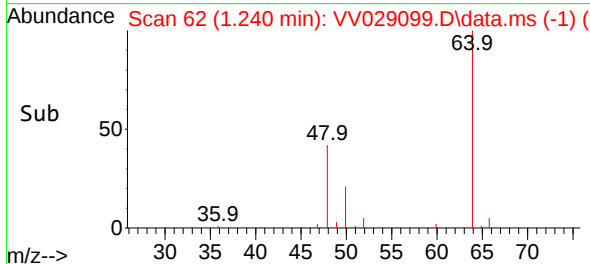
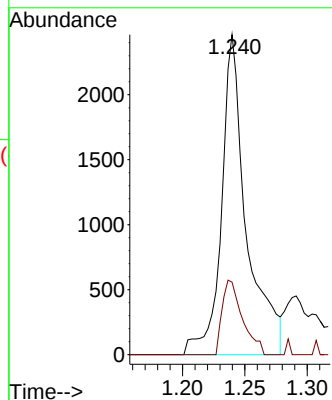
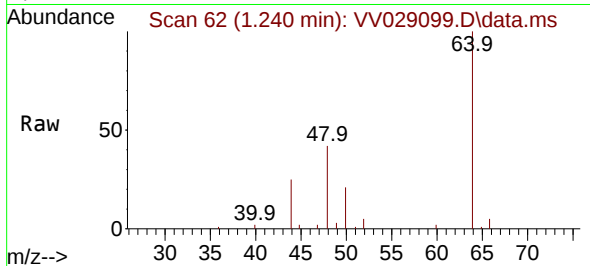




#3
Chloromethane
Concen: 0.194 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

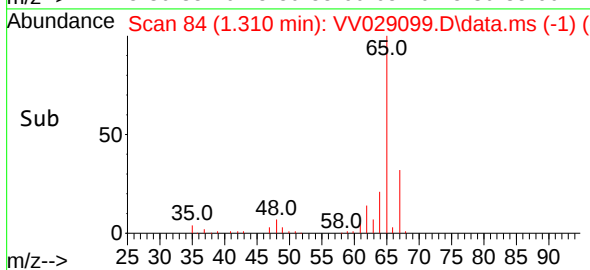
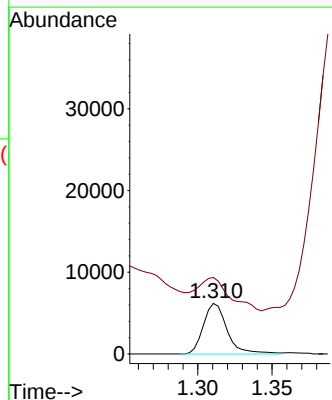
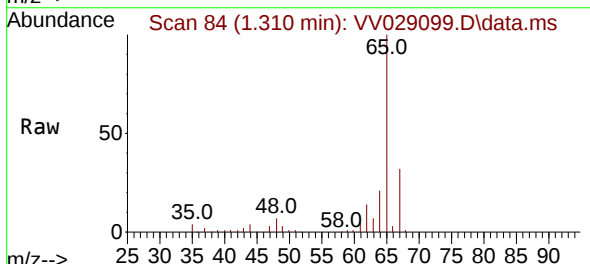
Instrument :
MSVOA_V
ClientSampleId :
H46F7

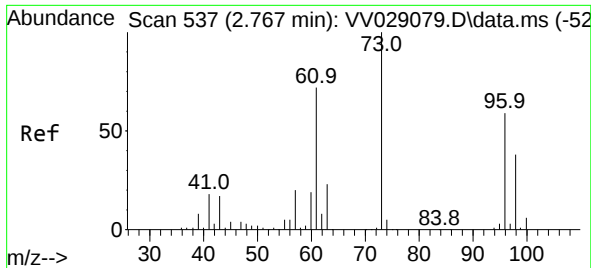
Tgt Ion: 50 Resp: 3424
Ion Ratio Lower Upper
50 100
52 22.6 23.7 43.9#



#5
Vinyl chloride
Concen: 0.342 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 62 Resp: 6891
Ion Ratio Lower Upper
62 100
64 151.0 22.8 42.4#

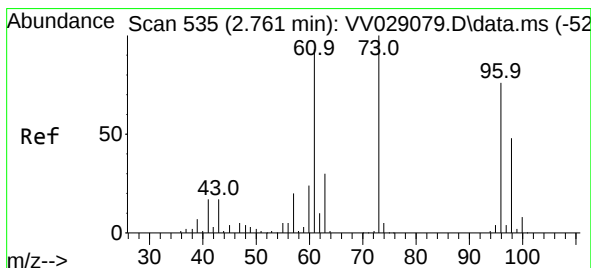
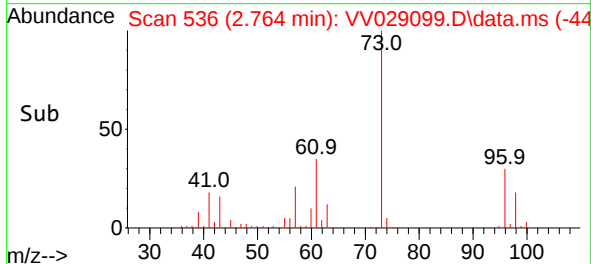
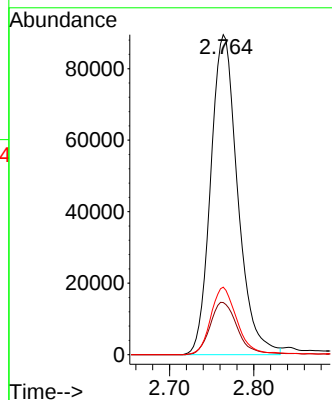
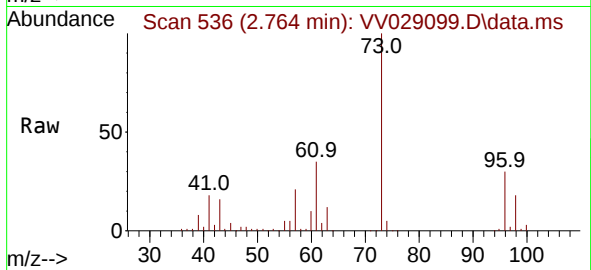




#17
Methyl tert-butyl Ether
Concen: 6.018 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

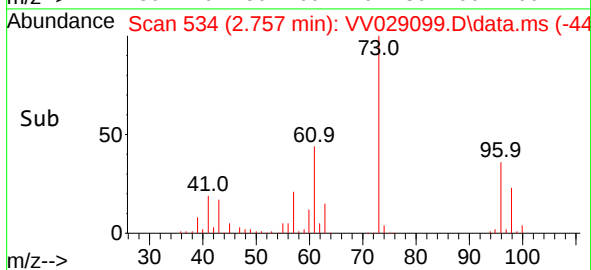
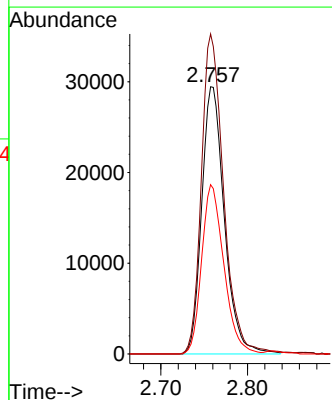
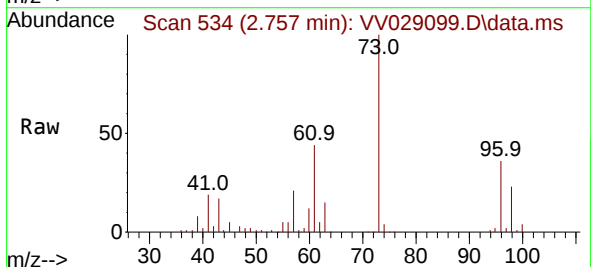
Instrument :
MSVOA_V
ClientSampleId :
H46F7

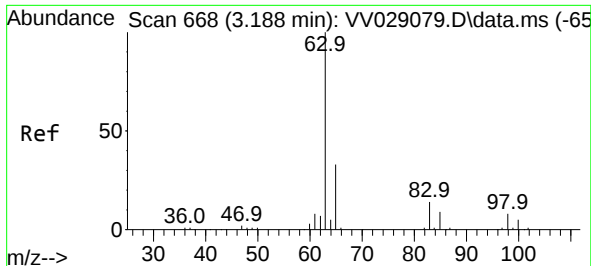
Tgt Ion: 73 Resp: 199164
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 20.7 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 2.984 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 96 Resp: 53411
Ion Ratio Lower Upper
96 100
61 119.8 91.8 170.6
98 63.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.423 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029099.D

Acq: 18 Nov 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

H46F7

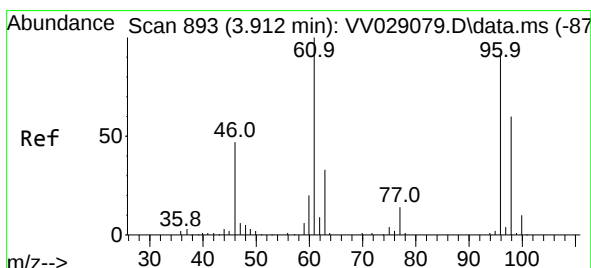
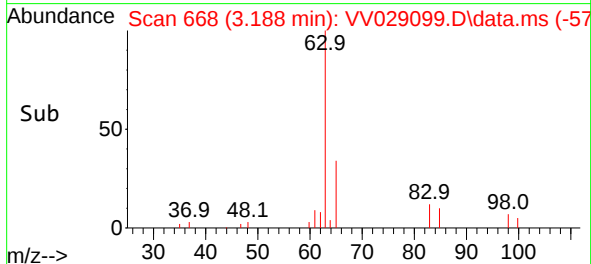
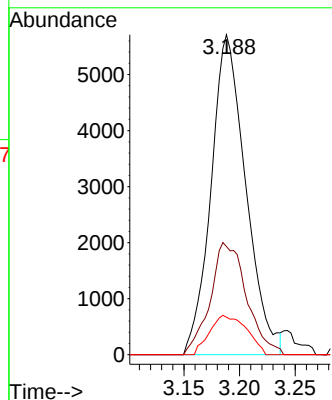
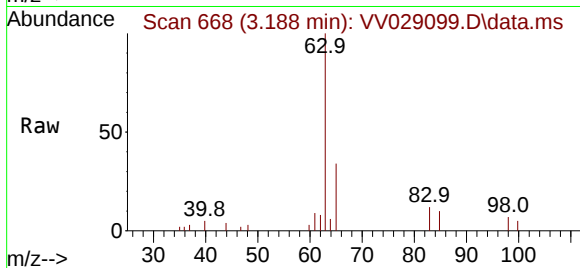
Tgt Ion: 63 Resp: 12368

Ion Ratio Lower Upper

63 100

65 33.8 23.0 42.6

83 11.7 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 25.872 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.010 min

Lab File: VV029099.D

Acq: 18 Nov 2022 05:51

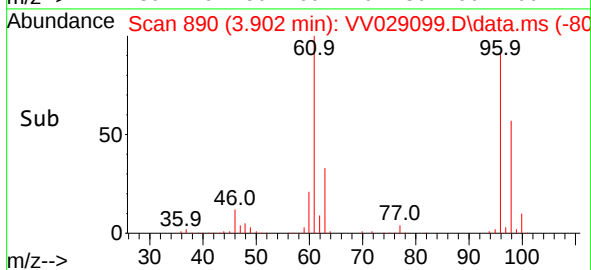
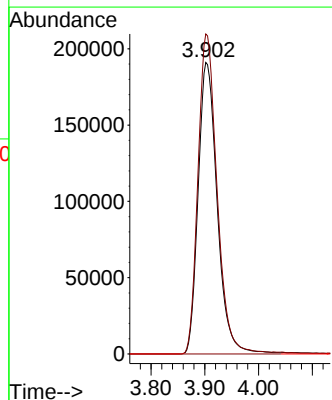
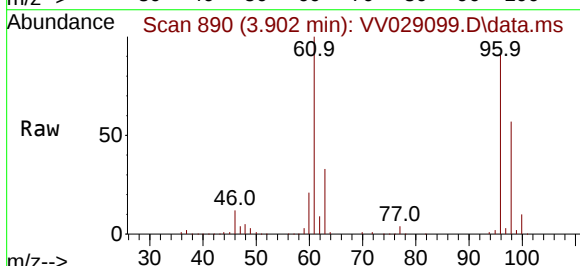
Tgt Ion: 96 Resp: 470859

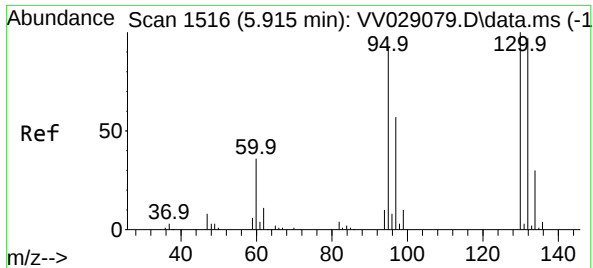
Ion Ratio Lower Upper

96 100

61 109.7 82.3 152.9

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 3.611 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV029099.D
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Tgt Ion: 95 Resp: 66202
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.6 84.8
 132 110.2 69.1 128.3
 130 113.4 74.9 139.1

