

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029191.D
 Acq On : 19 Nov 2022 23:42
 Operator : SY/MD
 Sample : N5648-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7DL

Quant Time: Nov 20 04:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

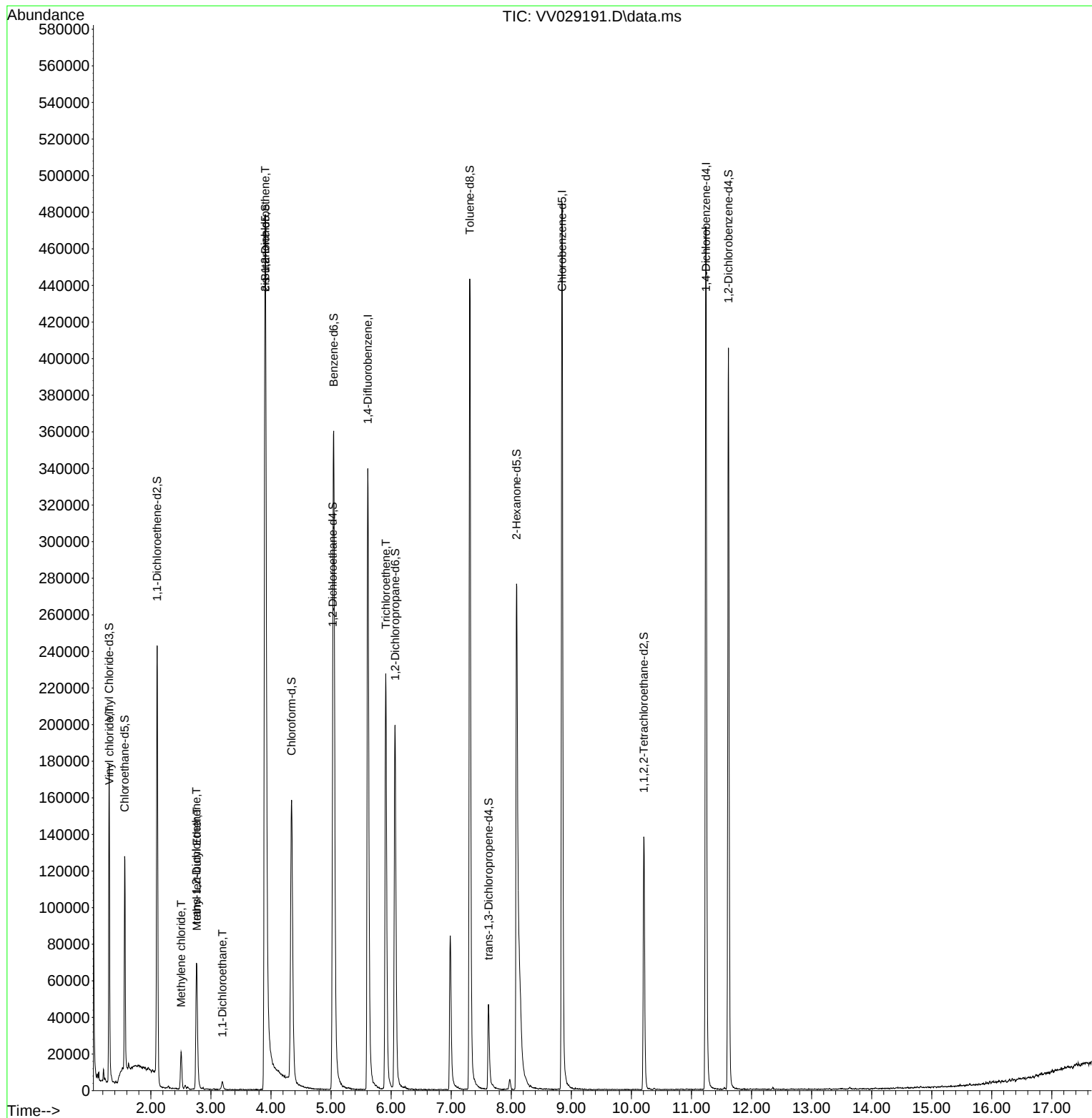
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	320883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	289372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	137587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92926	4.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.564	69	77911	4.530	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.105	63	121632	3.412	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.200%	
20) 2-Butanone-d5	3.905	46	112149	34.247	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.500%	
24) Chloroform-d	4.343	84	170428	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	5.027	65	76147	4.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.043	84	359360	4.161	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.066	67	105851	4.389	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.800%	
41) Toluene-d8	7.310	98	314113	4.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	7.622	79	30011	3.815	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.088	63	142786	42.525	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.040%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73475	4.394	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	113070	4.593	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	25003	0.987	ug/L	89
16) Methylene chloride	2.503	84	8913	0.355	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	28866	0.693	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	18778	0.833	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5137	0.139	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	256695	11.207	ug/L	99
34) Trichloroethene	5.912	95	82632	3.650	ug/L	96

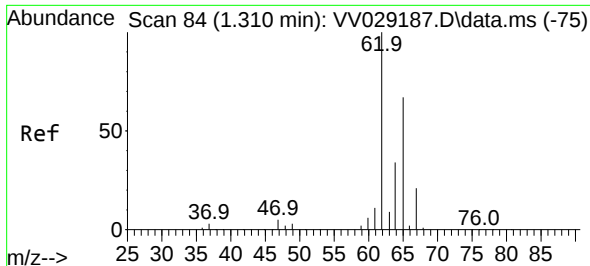
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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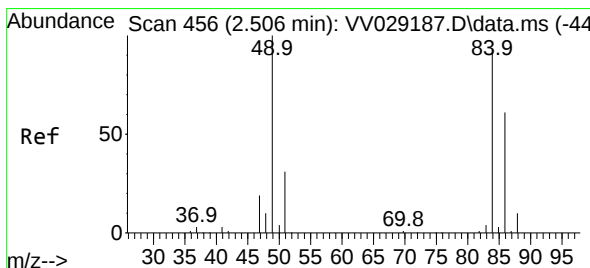
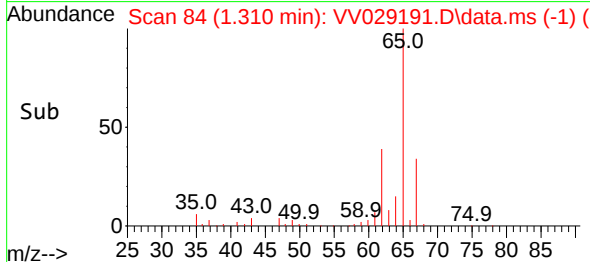
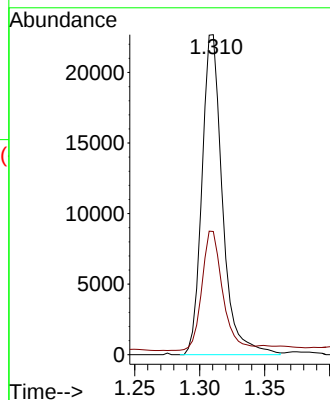
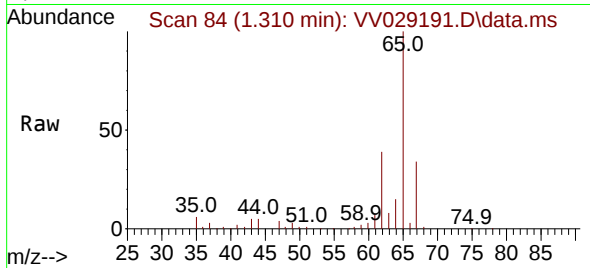




#5
 Vinyl chloride
 Concen: 0.987 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

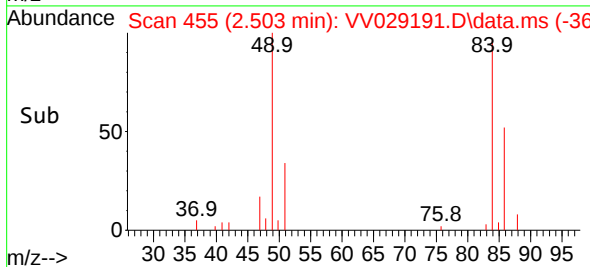
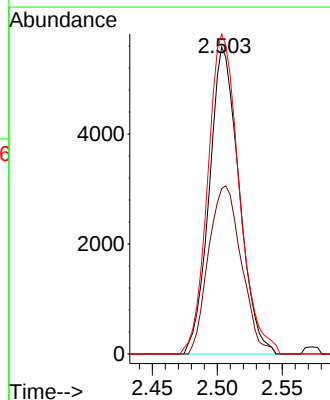
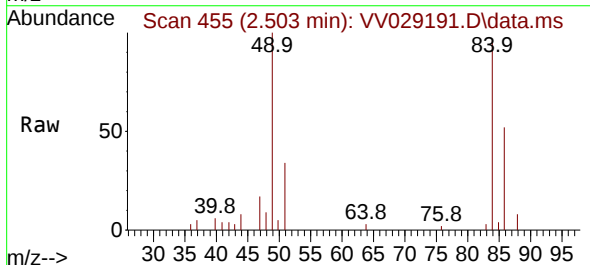
Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7DL

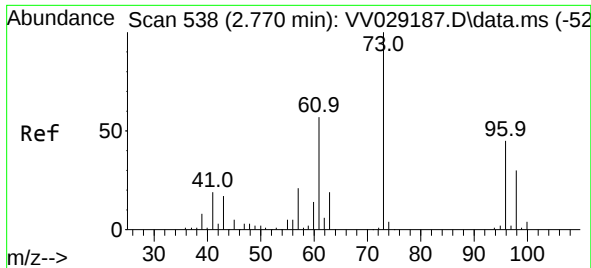
Tgt Ion: 62 Resp: 25003
 Ion Ratio Lower Upper
 62 100
 64 38.5 22.8 42.4



#16
 Methylene chloride
 Concen: 0.355 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. -0.003 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

Tgt Ion: 84 Resp: 8913
 Ion Ratio Lower Upper
 84 100
 86 53.9 45.8 85.0
 49 109.4 75.5 140.1

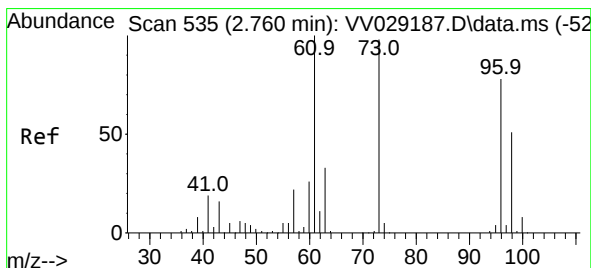
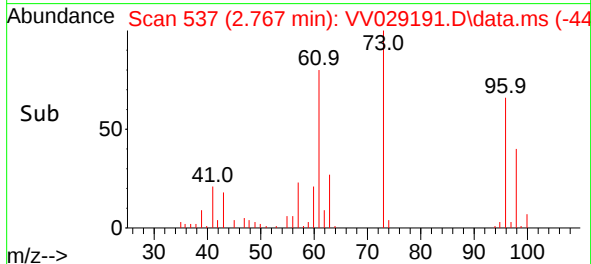
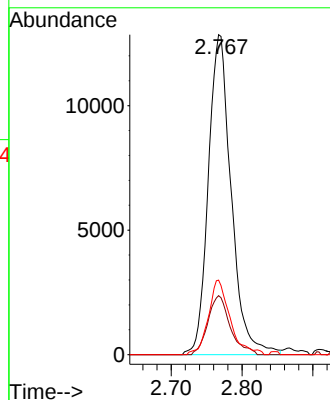
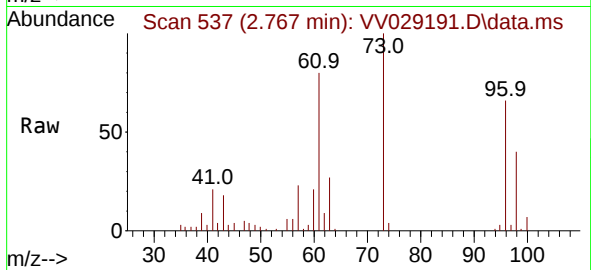




#17
Methyl tert-butyl Ether
Concen: 0.693 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

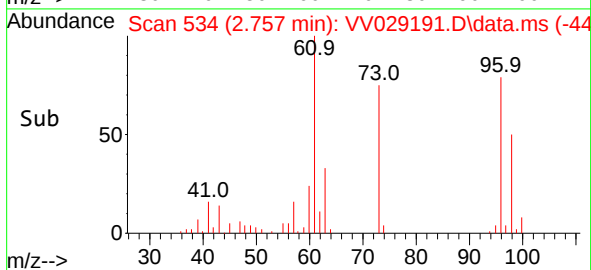
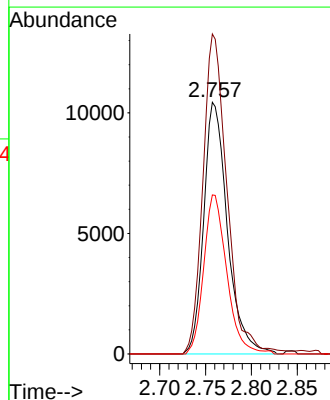
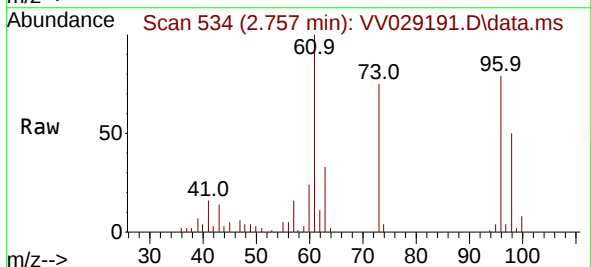
Instrument :
MSVOA_V
ClientSampleId :
H46D7DL

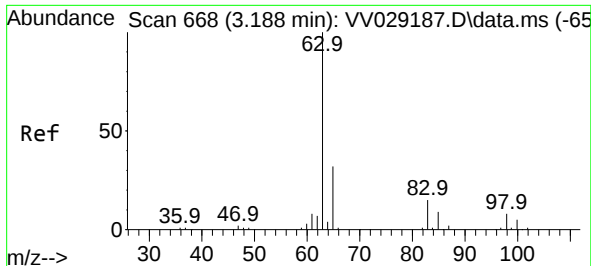
Tgt Ion: 73 Resp: 28866
Ion Ratio Lower Upper
73 100
43 18.0 13.0 19.4
57 21.9 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.833 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

Tgt Ion: 96 Resp: 18778
Ion Ratio Lower Upper
96 100
61 127.1 91.8 170.6
98 63.2 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.139 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

H46D7DL

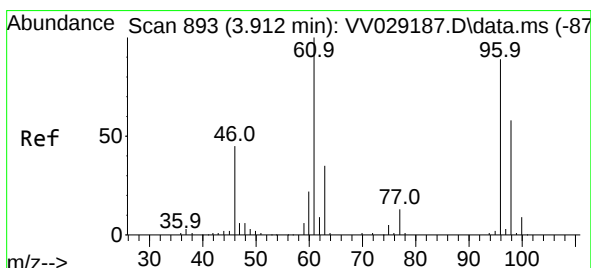
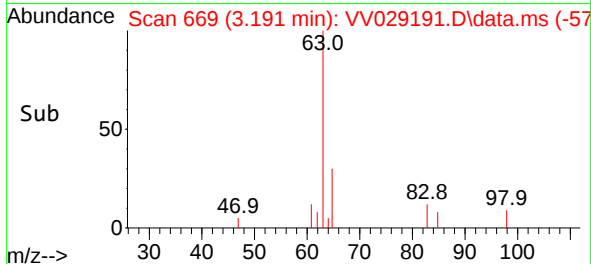
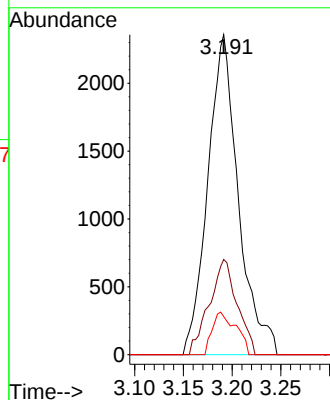
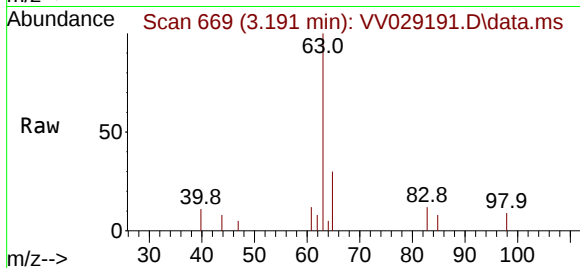
Tgt Ion: 63 Resp: 5137

Ion Ratio Lower Upper

63 100

65 29.7 23.0 42.6

83 11.9 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 11.207 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

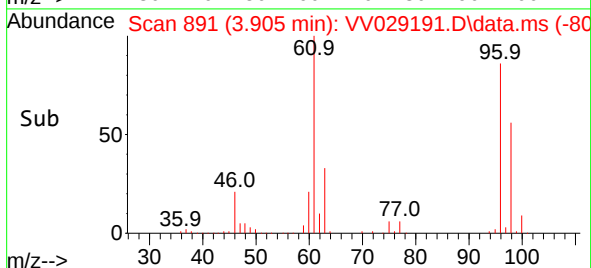
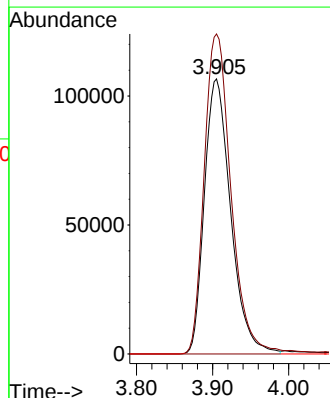
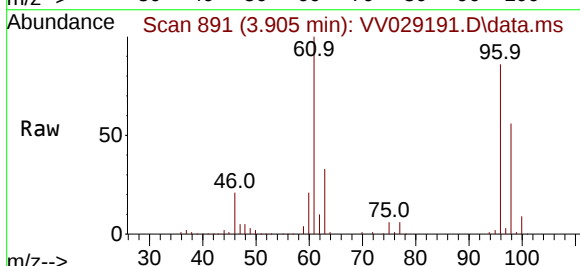
Tgt Ion: 96 Resp: 256695

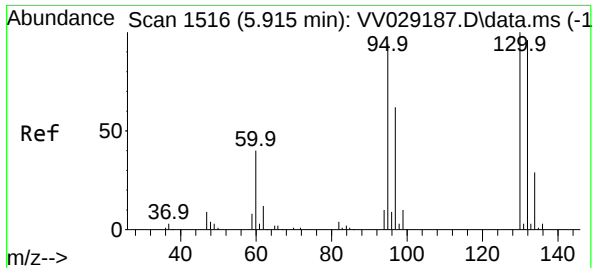
Ion Ratio Lower Upper

96 100

61 116.3 82.3 152.9

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 3.650 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7DL

Tgt Ion: 95 Resp: 82632

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.6	84.8
132	105.4	69.1	128.3
130	104.2	74.9	139.1

