

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029189.D
 Acq On : 19 Nov 2022 22:53
 Operator : SY/MD
 Sample : N5648-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D4DL

Quant Time: Nov 20 04:29:21 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)

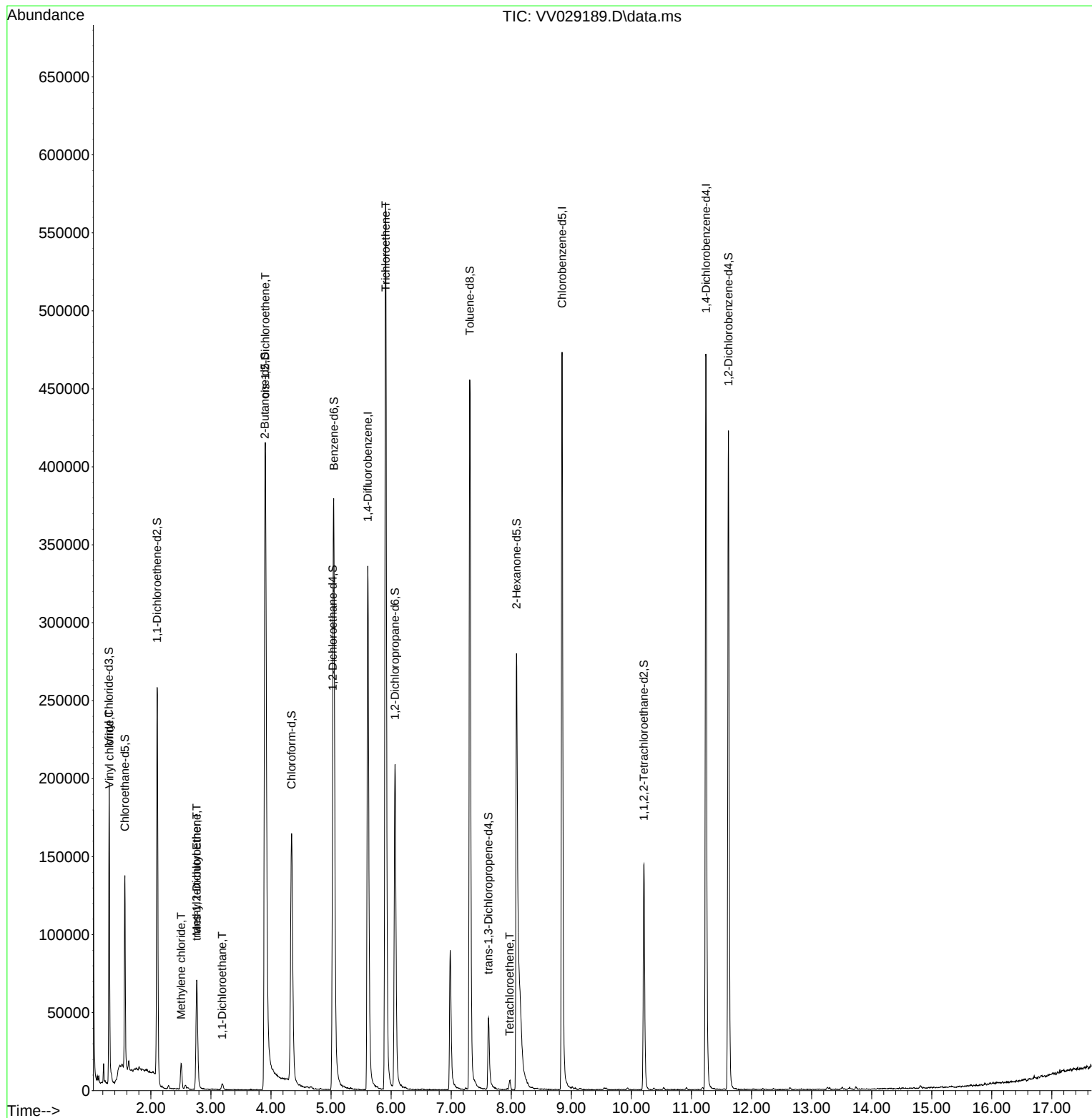
Internal Standards							
1) 1,4-Difluorobenzene		5.612	114	313467	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.847	117	287003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.242	152	135688	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.304	65	99488	5.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5		1.568	69	81332	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2		2.105	63	125701	3.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5		3.899	46	109937	34.366	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.740%	
24) Chloroform-d		4.342	84	174343	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4		5.027	65	79529	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%	
32) Benzene-d6		5.047	84	372253	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6		6.066	67	109582	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%	
41) Toluene-d8		7.310	98	323424	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...		7.619	79	32826	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5		8.088	63	143594	43.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.240%	
56) 1,1,2,2-Tetrachloroeth...		10.207	84	77355	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4		11.615	152	114345	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%	
Target Compounds							
						Qvalue	
5) Vinyl chloride		1.310	62	28444	1.150	ug/L	90
16) Methylene chloride		2.507	84	7324	0.298	ug/L	95
17) Methyl tert-butyl Ether		2.764	73	62156	1.528	ug/L	99
18) trans-1,2-Dichloroethene		2.761	96	5901	0.268	ug/L	93
19) 1,1-Dichloroethane		3.188	63	4236	0.118	ug/L	95
22) cis-1,2-Dichloroethene		3.905	96	222092	9.926	ug/L	97
34) Trichloroethene		5.908	95	205196	9.139	ug/L	98
47) Tetrachloroethene		7.976	164	1556	0.087	ug/L	92

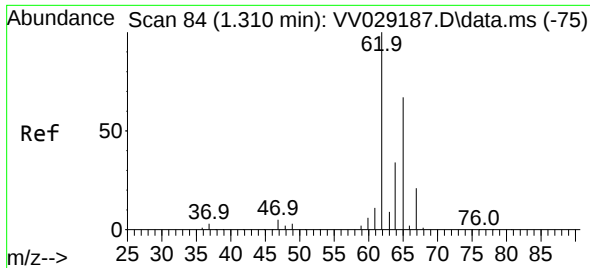
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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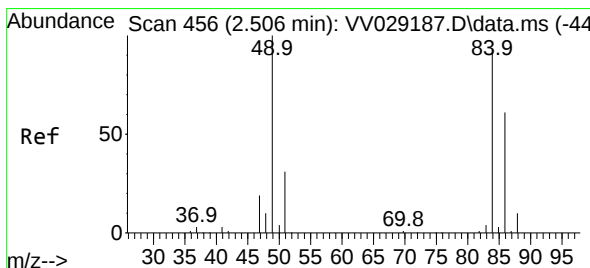
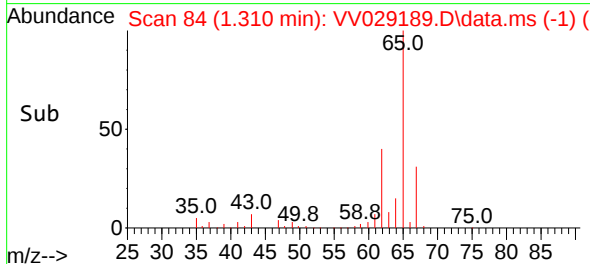
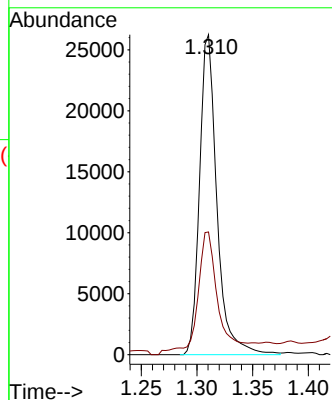
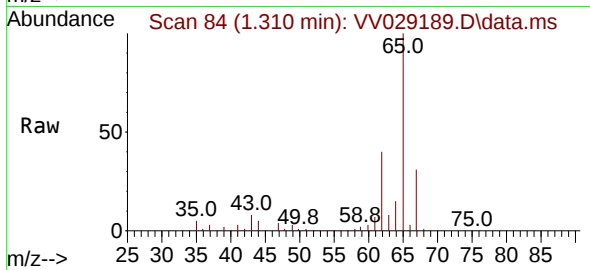




#5
 Vinyl chloride
 Concen: 1.150 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029189.D
 Acq: 19 Nov 2022 22:53

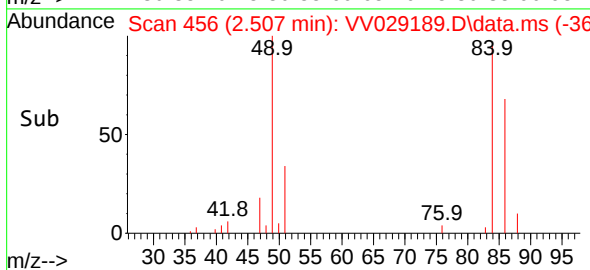
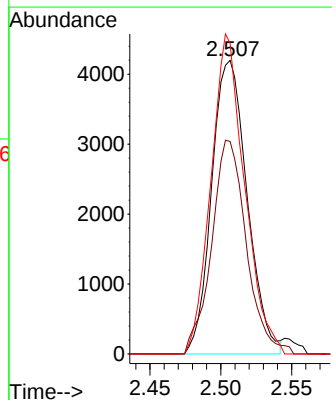
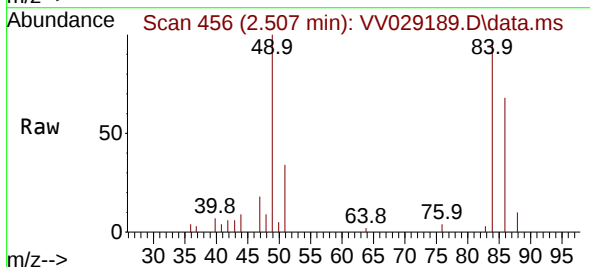
Instrument :
 MSVOA_V
 ClientSampleId :
 H46D4DL

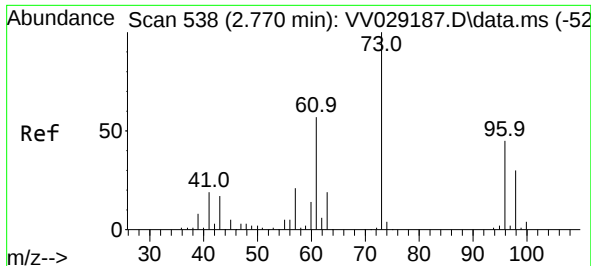
Tgt Ion: 62 Resp: 28444
 Ion Ratio Lower Upper
 62 100
 64 38.3 22.8 42.4



#16
 Methylene chloride
 Concen: 0.298 ug/L
 RT: 2.507 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VV029189.D
 Acq: 19 Nov 2022 22:53

Tgt Ion: 84 Resp: 7324
 Ion Ratio Lower Upper
 84 100
 86 72.4 45.8 85.0
 49 105.8 75.5 140.1

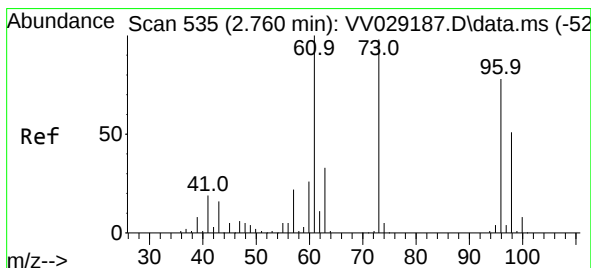
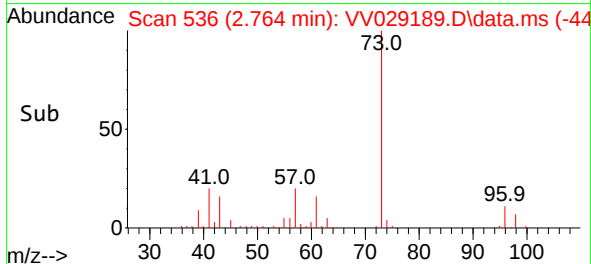
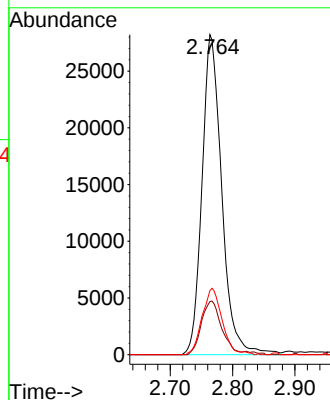
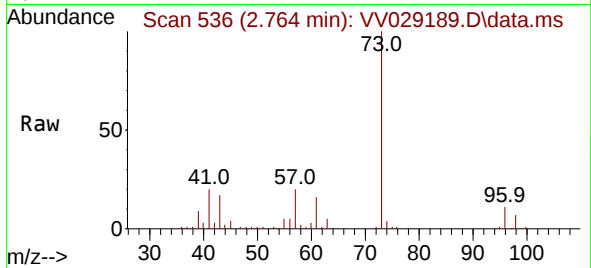




#17
Methyl tert-butyl Ether
Concen: 1.528 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV029189.D
Acq: 19 Nov 2022 22:53

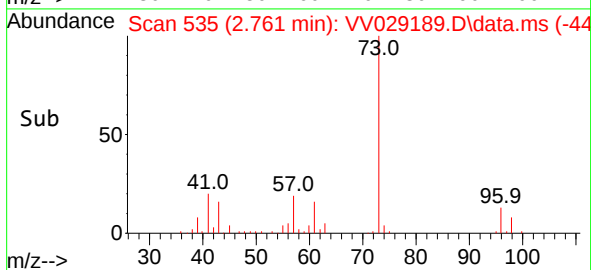
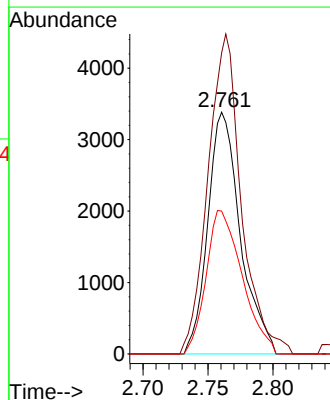
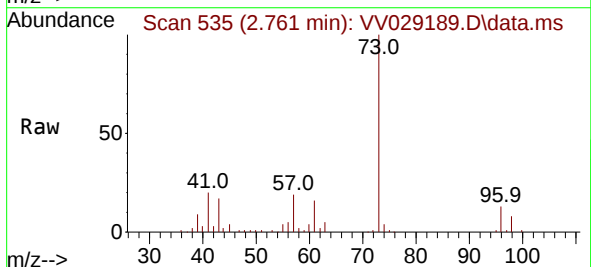
Instrument :
MSVOA_V
ClientSampleId :
H46D4DL

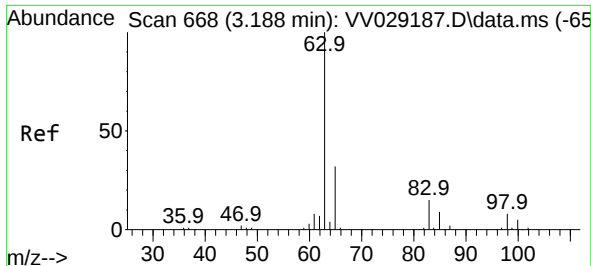
Tgt Ion: 73 Resp: 62156
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.4
57 20.6 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029189.D
Acq: 19 Nov 2022 22:53

Tgt Ion: 96 Resp: 5901
Ion Ratio Lower Upper
96 100
61 124.6 91.8 170.6
98 59.1 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.118 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV029189.D

Acq: 19 Nov 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

H46D4DL

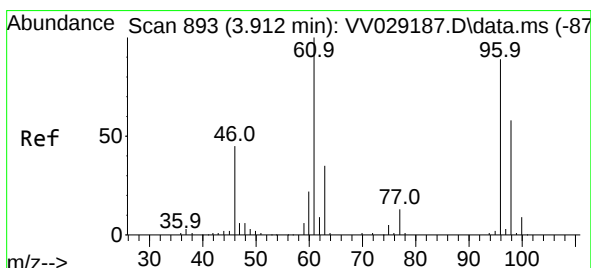
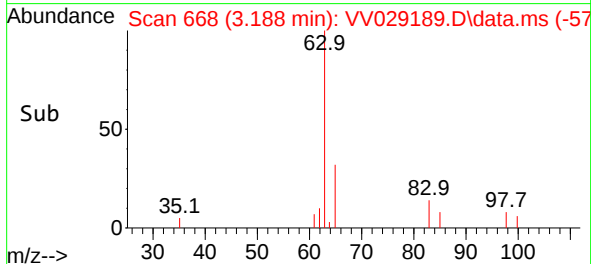
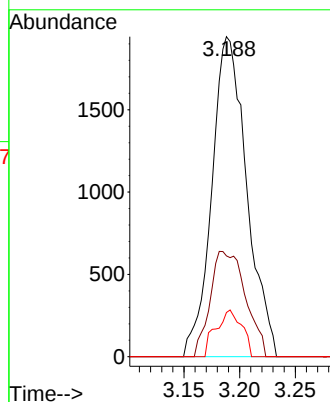
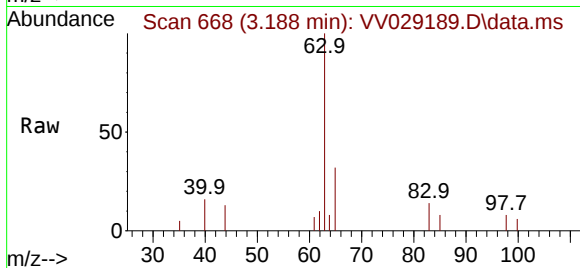
Tgt Ion: 63 Resp: 4236

Ion Ratio Lower Upper

63 100

65 29.1 23.0 42.6

83 12.8 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 9.926 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV029189.D

Acq: 19 Nov 2022 22:53

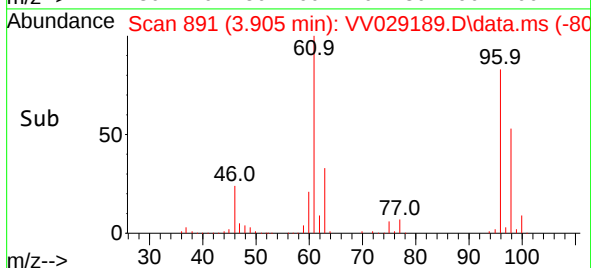
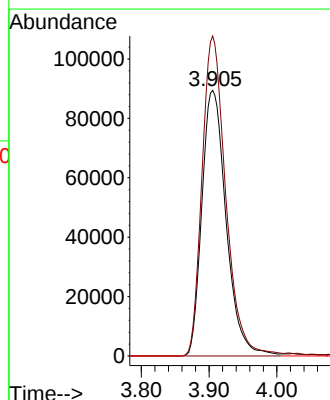
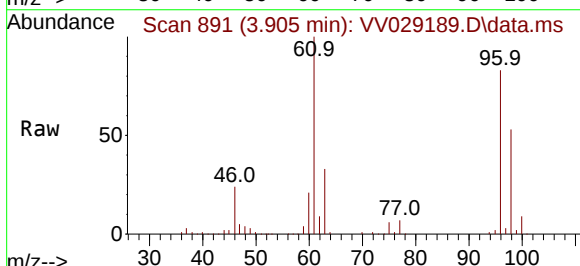
Tgt Ion: 96 Resp: 222092

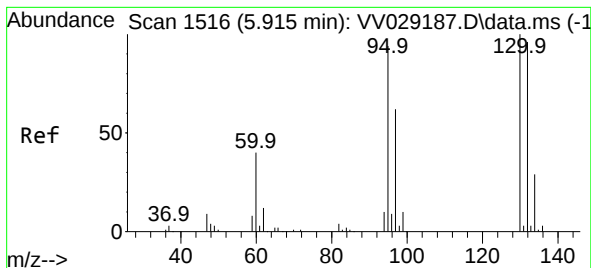
Ion Ratio Lower Upper

96 100

61 120.5 82.3 152.9

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.139 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV029189.D

Acq: 19 Nov 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

H46D4DL

Tgt Ion: 95 Resp: 205196

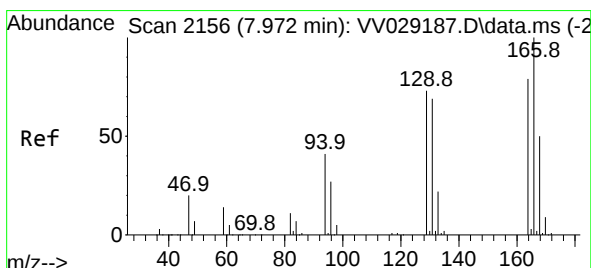
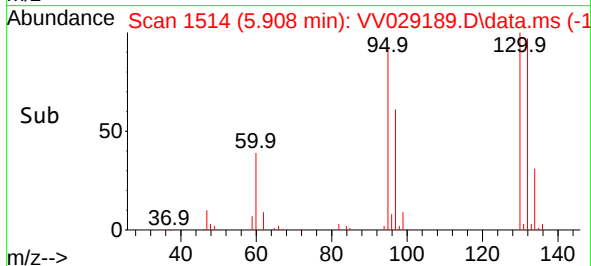
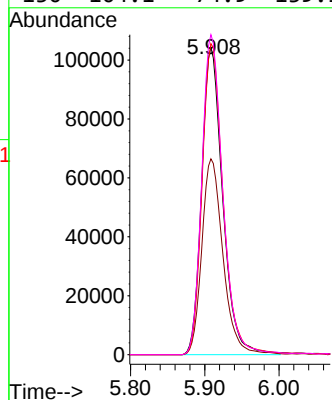
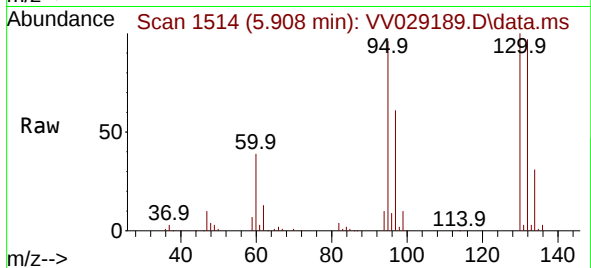
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.8

132 101.2 69.1 128.3

130 104.1 74.9 139.1



#47

Tetrachloroethene

Concen: 0.087 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV029189.D

Acq: 19 Nov 2022 22:53

Tgt Ion: 164 Resp: 1556

Ion Ratio Lower Upper

164 100

129 92.4 63.9 118.7

131 105.8 61.8 114.8

166 121.4 90.2 167.4

