

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029805.D
 Acq On : 13 Jan 2023 13:54
 Operator : SY/MD
 Sample : 01136-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W1

Quant Time: Jan 13 22:51:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

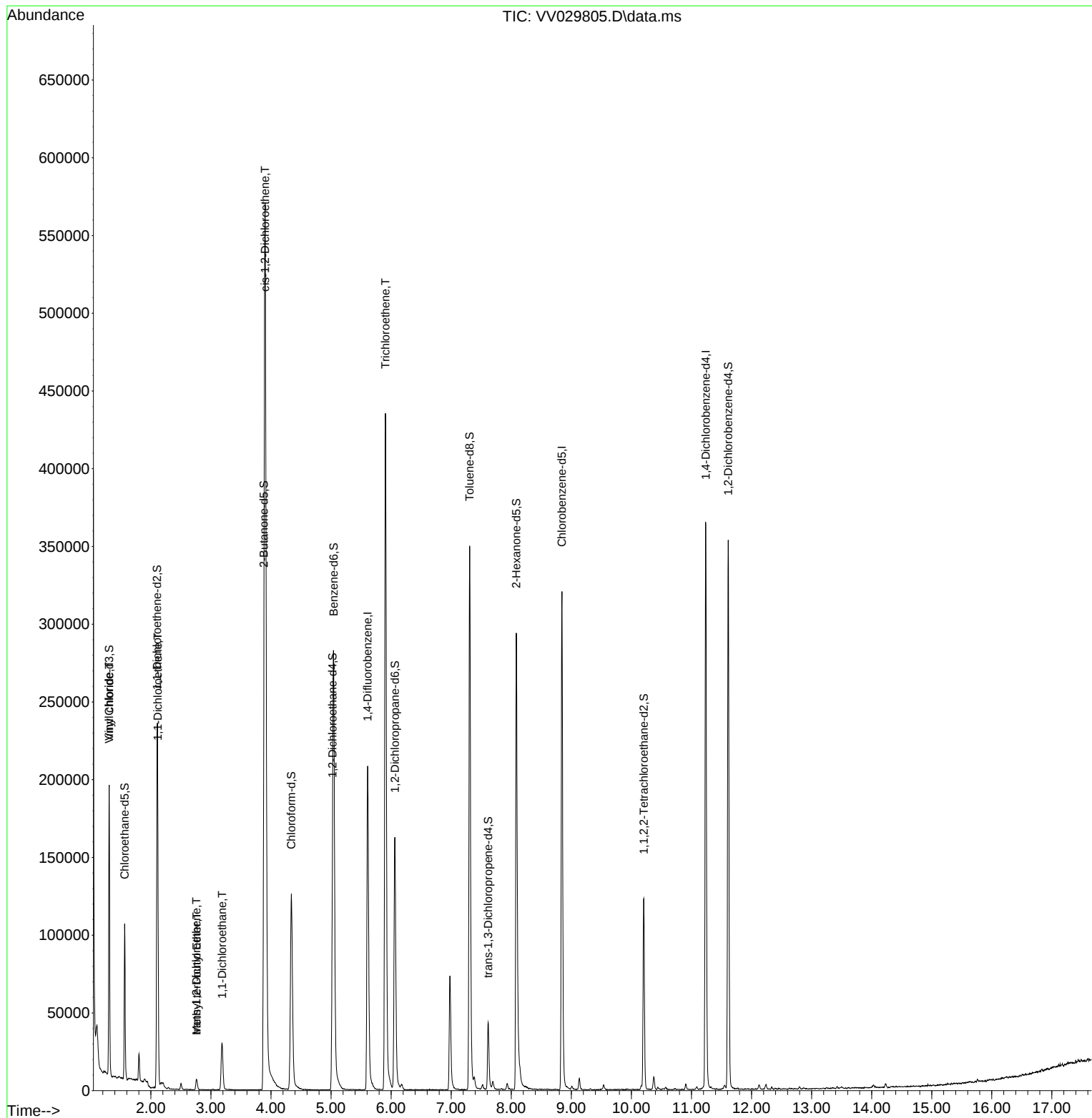
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	198227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	191468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71060	4.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.564	69	62004	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.104	63	106944	3.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.883	46	119462	44.828	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.660%
24) Chloroform-d	4.339	84	138090	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.024	65	60560	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.043	84	287496	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.063	67	88951	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.307	98	251050	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.616	79	28053	4.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.085	63	114985	46.525	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62004	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	96571	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
5) Vinyl chloride	1.307	62	53440	2.807	ug/L	99
12) 1,1-Dichloroethene	2.114	96	29805	1.761	ug/L #	42
17) Methyl tert-butyl Ether	2.764	73	2416	0.083	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	2460	0.156	ug/L	91
19) 1,1-Dichloroethane	3.185	63	32041	1.217	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	331093	19.748	ug/L	100
34) Trichloroethene	5.905	95	161868	10.090	ug/L	97

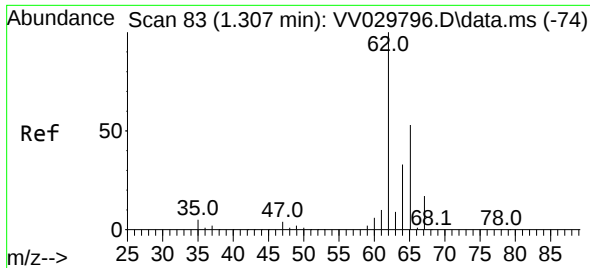
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

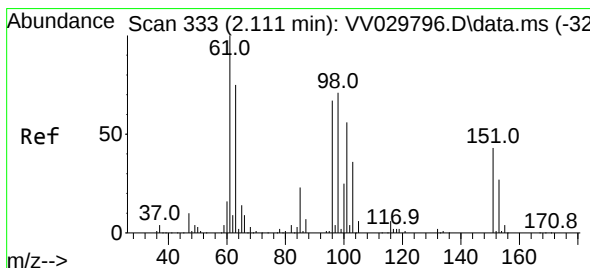
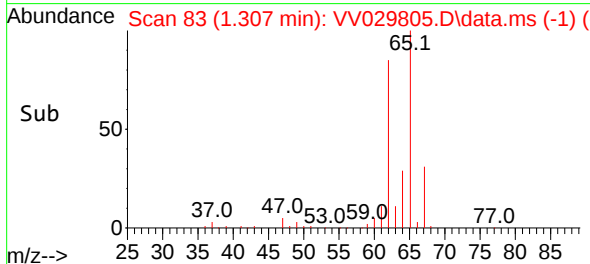
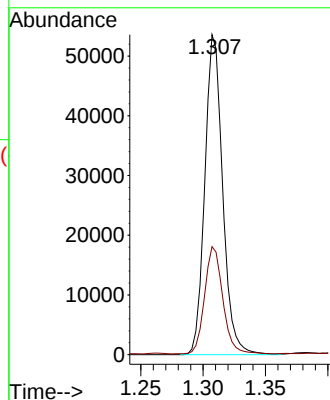
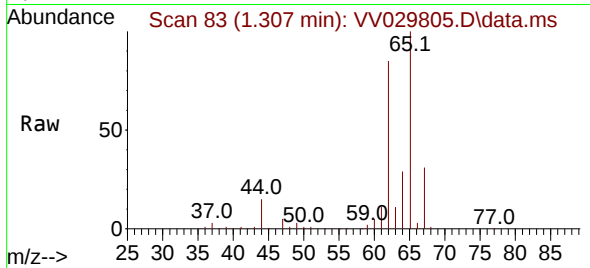




#5
 Vinyl chloride
 Concen: 2.807 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029805.D
 Acq: 13 Jan 2023 13:54

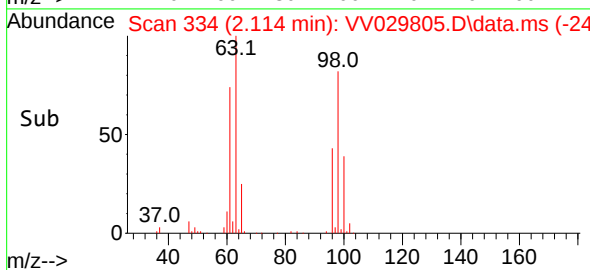
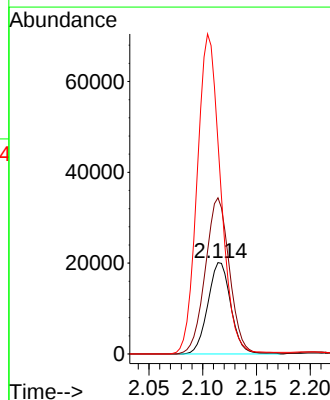
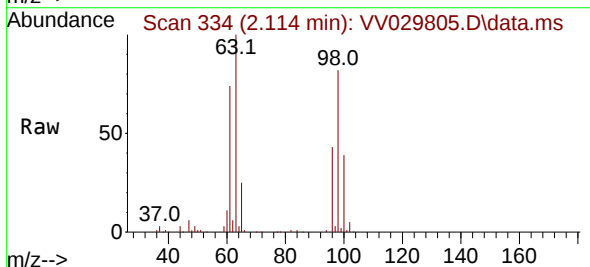
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W1

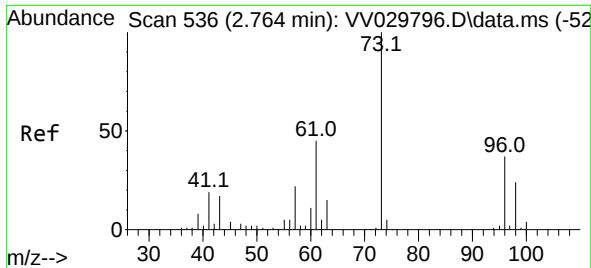
Tgt Ion: 62 Resp: 53440
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 1.761 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029805.D
 Acq: 13 Jan 2023 13:54

Tgt Ion: 96 Resp: 29805
 Ion Ratio Lower Upper
 96 100
 61 171.0 106.1 197.1
 63 232.0 76.4 141.8#

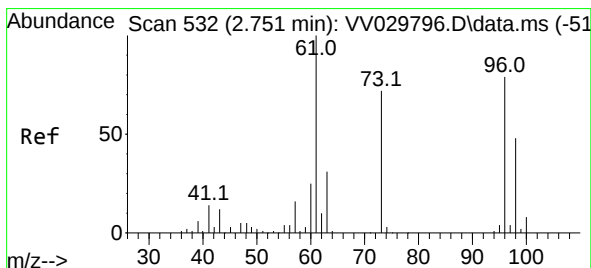
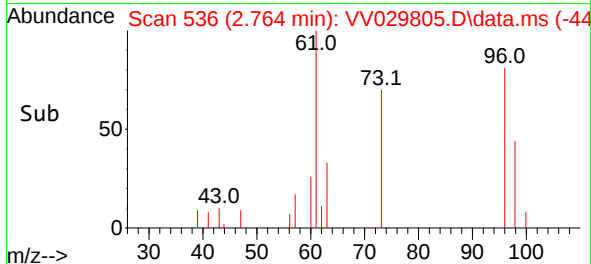
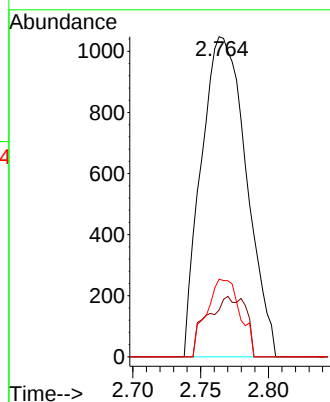
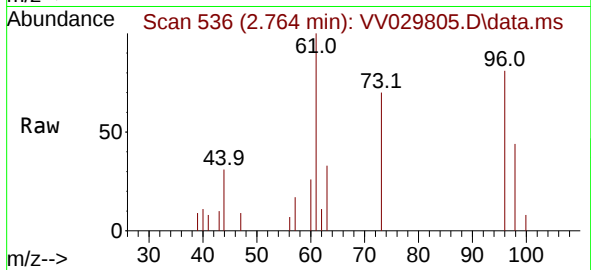




#17
Methyl tert-butyl Ether
Concen: 0.083 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

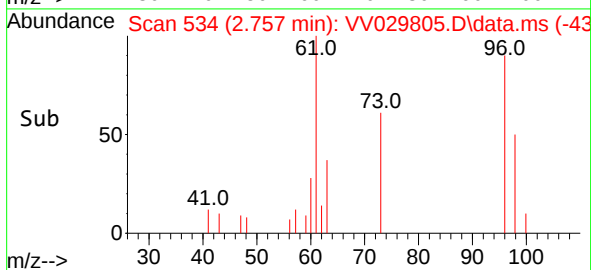
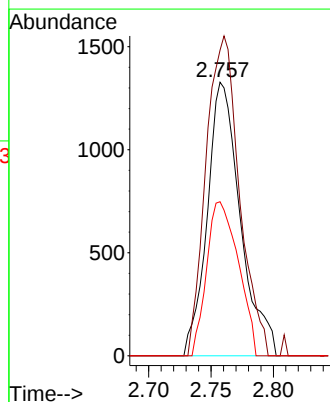
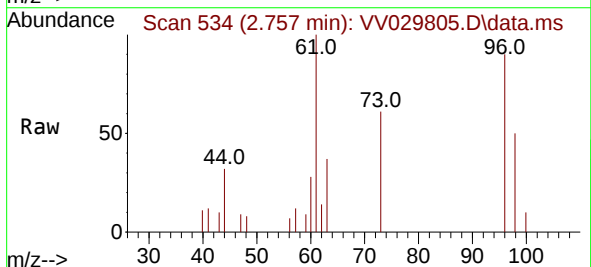
Instrument :
MSVOA_V
ClientSampleId :
BH1W1

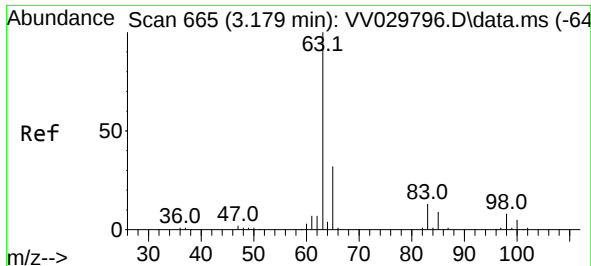
Tgt Ion: 73	Resp:	2416	
Ion	Ratio	Lower	Upper
73	100		
43	16.2	13.0	19.4
57	18.0	17.1	25.7



#18
trans-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

Tgt Ion: 96	Resp:	2460	
Ion	Ratio	Lower	Upper
96	100		
61	111.7	86.1	159.9
98	56.3	43.9	81.5





#19

1,1-Dichloroethane

Concen: 1.217 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

Instrument :

MSVOA_V

ClientSampleId :

BH1W1

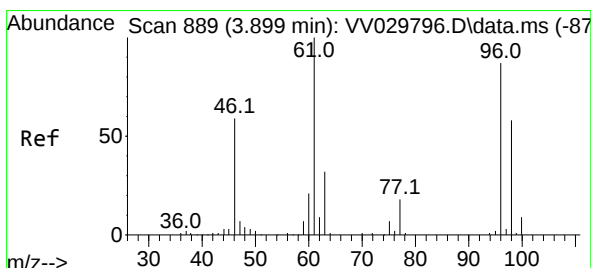
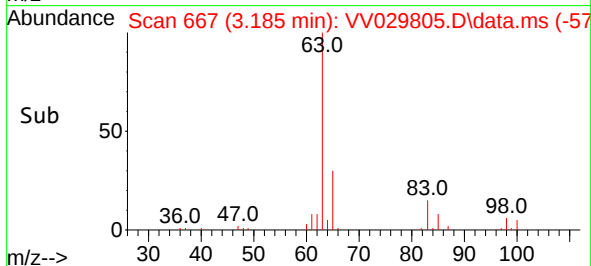
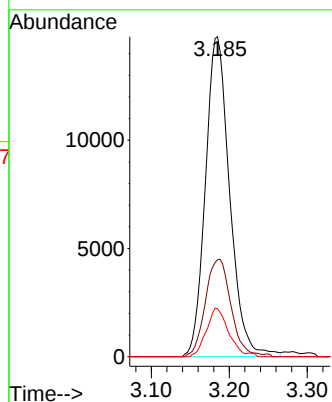
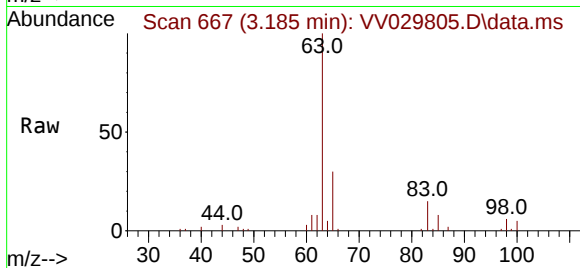
Tgt Ion: 63 Resp: 32041

Ion Ratio Lower Upper

63 100

65 30.3 22.4 41.6

83 15.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 19.748 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

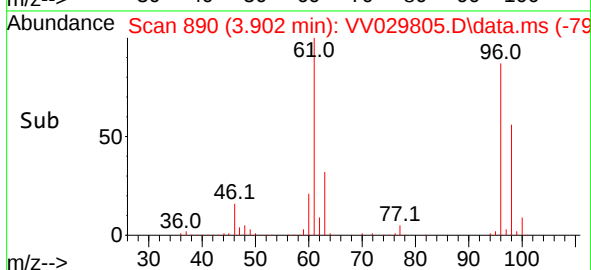
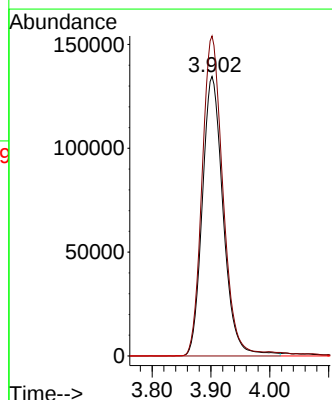
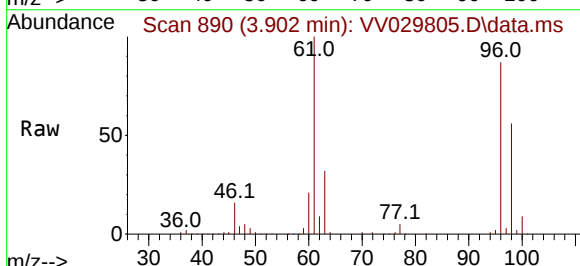
Tgt Ion: 96 Resp: 331093

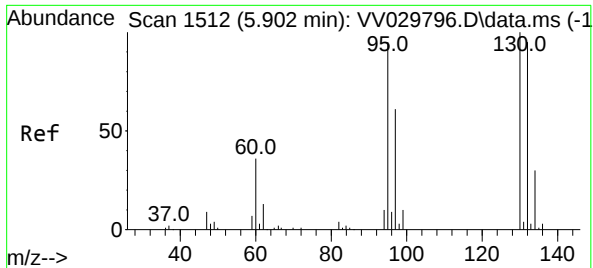
Ion Ratio Lower Upper

96 100

61 114.5 80.0 148.6

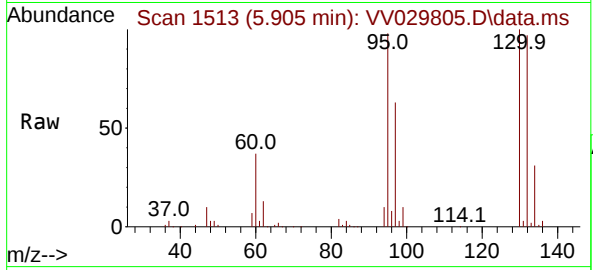
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 10.090 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV029805.D
 Acq: 13 Jan 2023 13:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W1



Tgt Ion: 95 Resp: 161868

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.9	83.3
132	99.6	71.8	133.4
130	102.4	75.3	139.8

