

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029819.D
 Acq On : 13 Jan 2023 19:29
 Operator : SY/MD
 Sample : 01138-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y2

Quant Time: Jan 13 22:53:15 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)

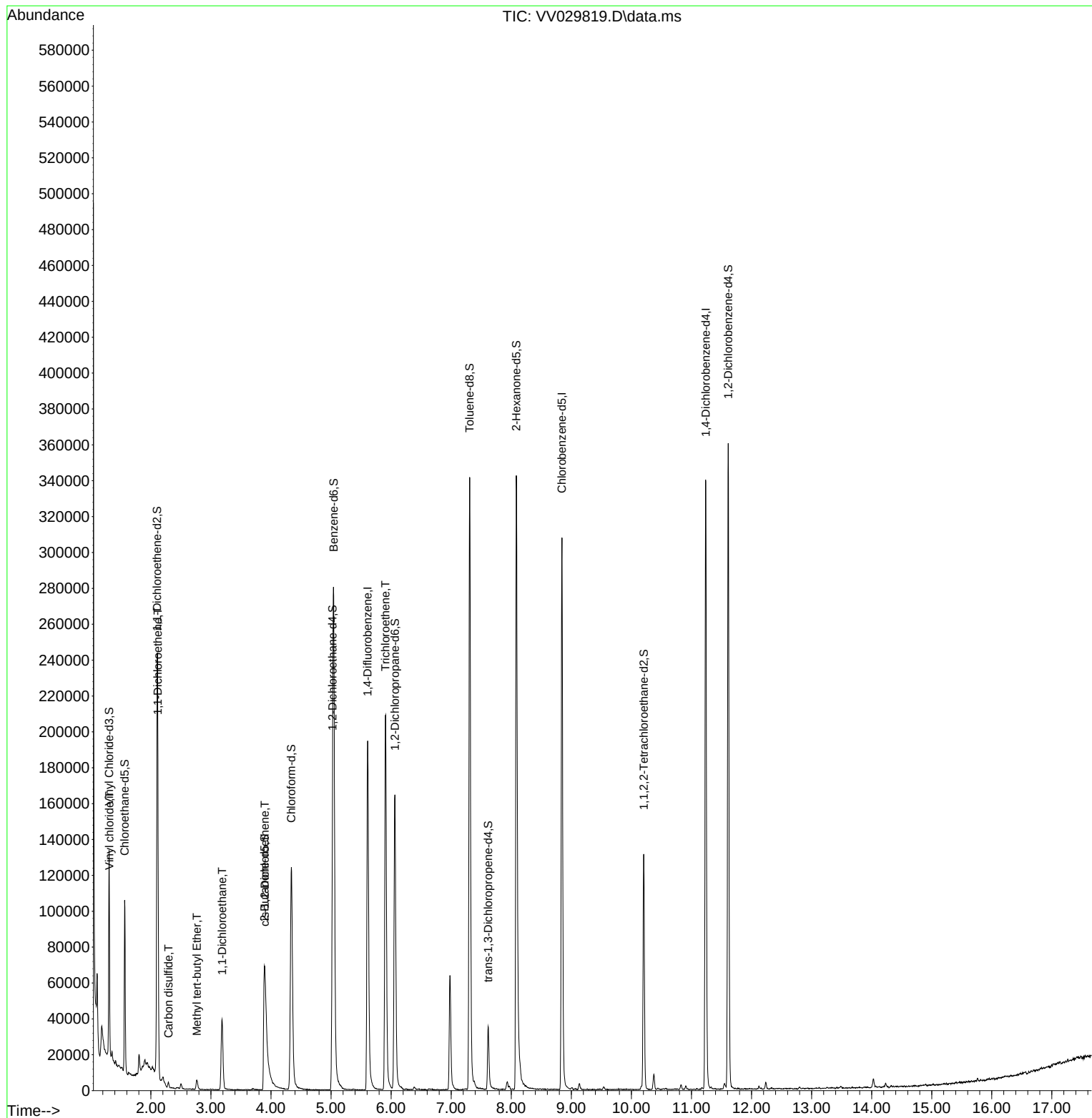
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	185059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64941	4.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.565	69	59661	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.105	63	103898	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.892	46	150317	60.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.740%
24) Chloroform-d	4.339	84	137037	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.024	65	62844	5.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.044	84	281028	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.063	67	87264	5.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.307	98	245836	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.616	79	23662	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	137578	57.595	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66755	5.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	99607	5.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	3238	0.182	ug/L #	47
12) 1,1-Dichloroethene	2.118	96	32772	2.072	ug/L #	76
14) Carbon disulfide	2.294	76	4240	0.093	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	4877	0.178	ug/L #	88
19) 1,1-Dichloroethane	3.185	63	40653	1.653	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	2527	0.161	ug/L	99
34) Trichloroethene	5.905	95	77072	4.971	ug/L	96

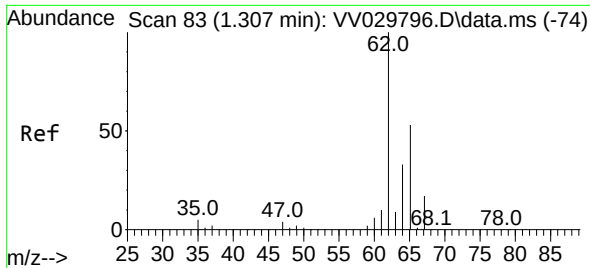
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

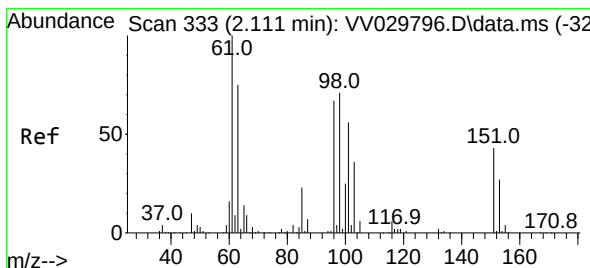
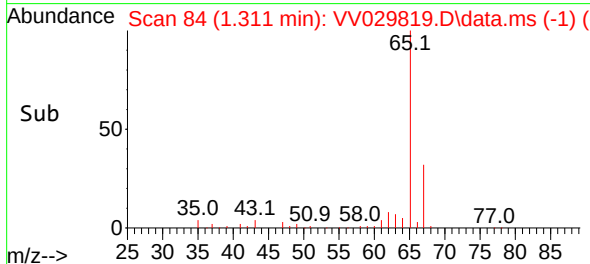
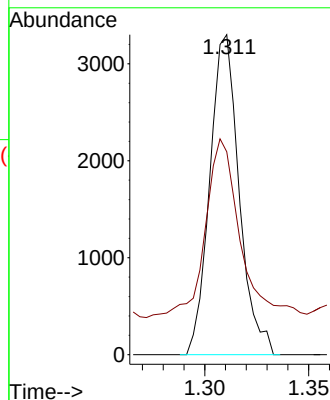
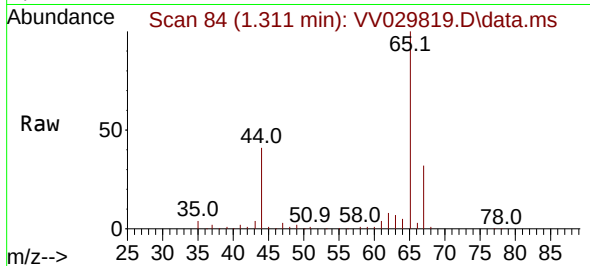




#5
 Vinyl chloride
 Concen: 0.182 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV029819.D
 Acq: 13 Jan 2023 19:29

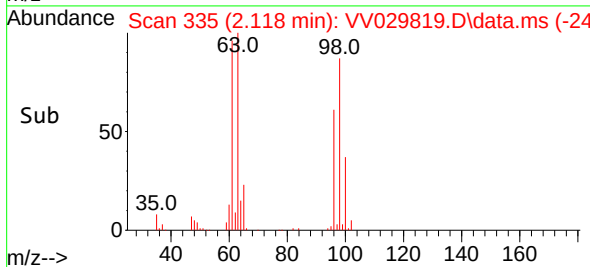
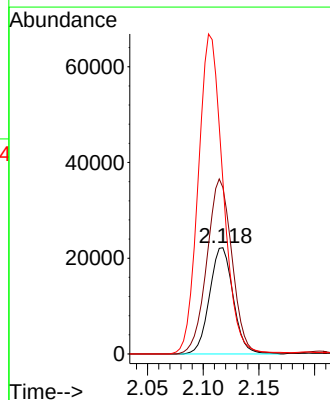
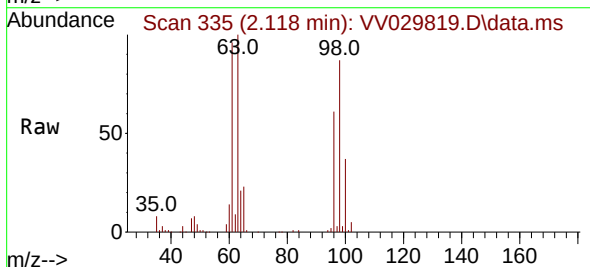
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y2

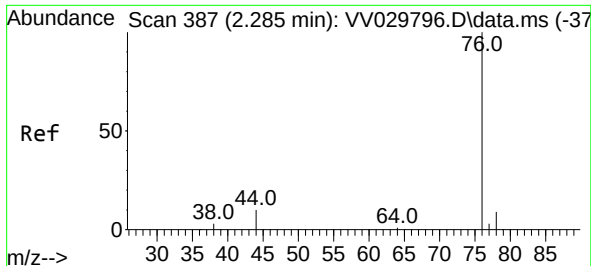
Tgt Ion: 62 Resp: 3238
 Ion Ratio Lower Upper
 62 100
 64 63.4 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 2.072 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV029819.D
 Acq: 13 Jan 2023 19:29

Tgt Ion: 96 Resp: 32772
 Ion Ratio Lower Upper
 96 100
 61 156.7 106.1 197.1
 63 162.7 76.4 141.8#





#14

Carbon disulfide

Concen: 0.093 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

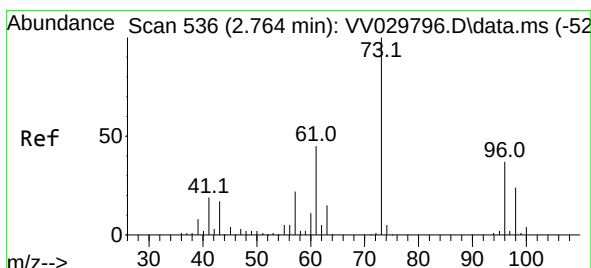
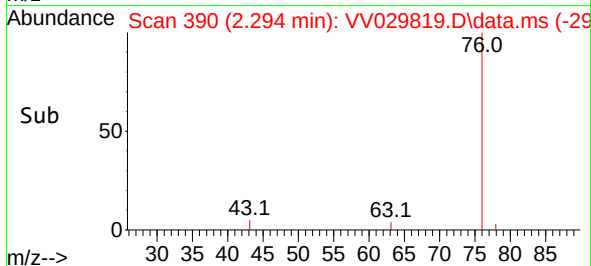
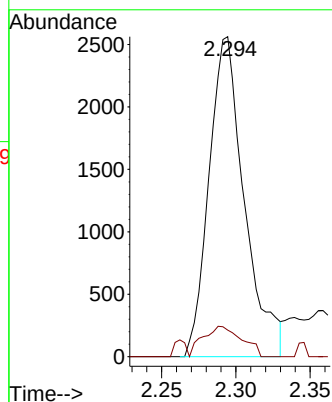
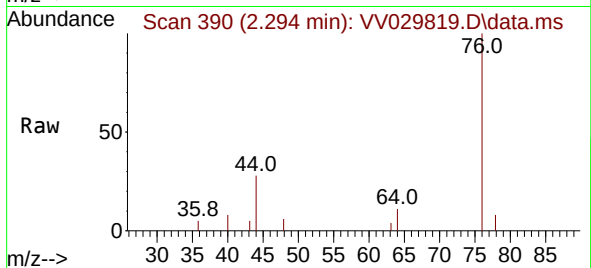
BH1Y2

Tgt Ion: 76 Resp: 4240

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



#17

Methyl tert-butyl Ether

Concen: 0.178 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

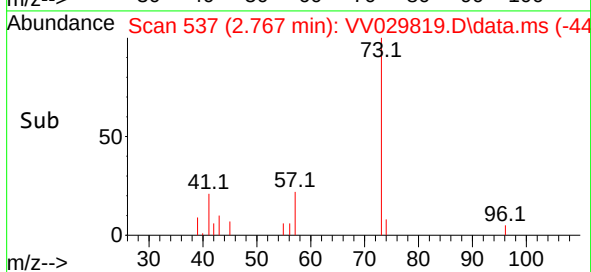
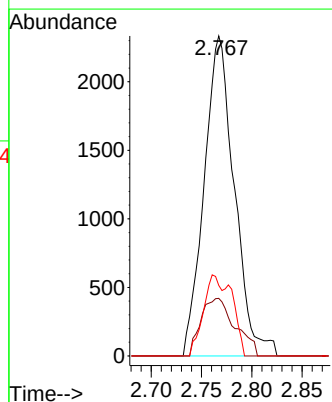
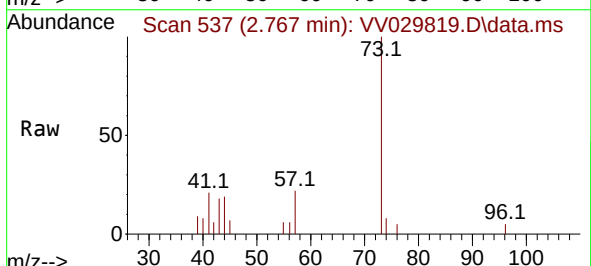
Tgt Ion: 73 Resp: 4877

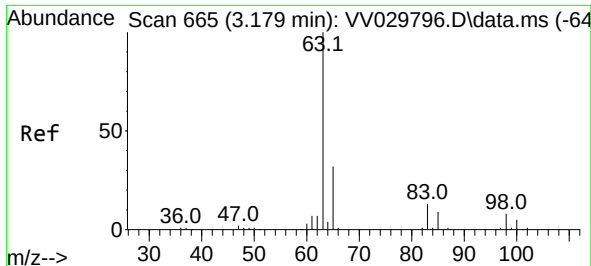
Ion Ratio Lower Upper

73 100

43 20.4 13.0 19.4#

57 15.1 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 1.653 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

BH1Y2

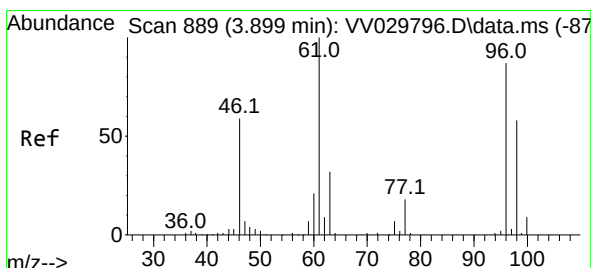
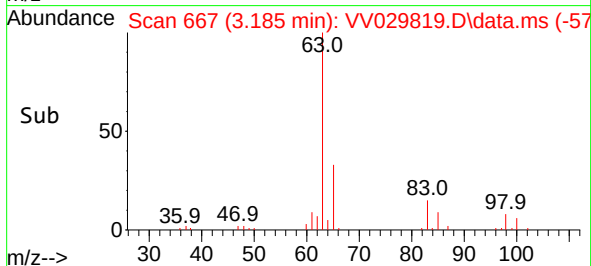
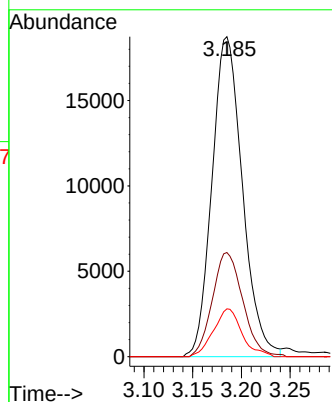
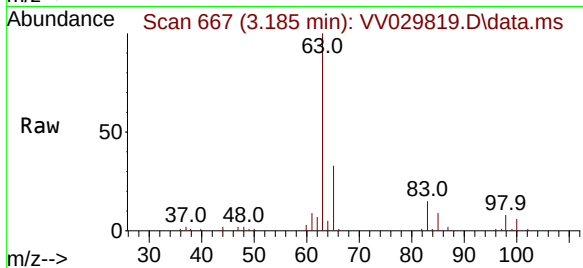
Tgt Ion: 63 Resp: 40653

Ion Ratio Lower Upper

63 100

65 32.5 22.4 41.6

83 15.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.161 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

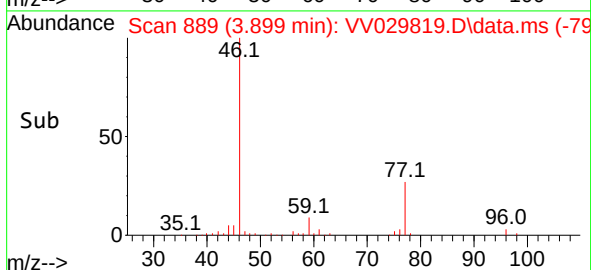
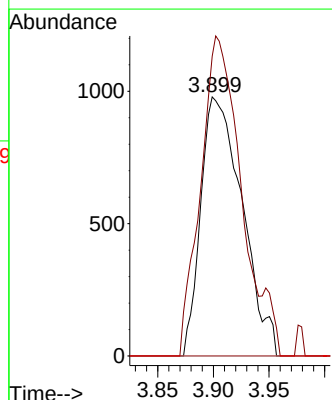
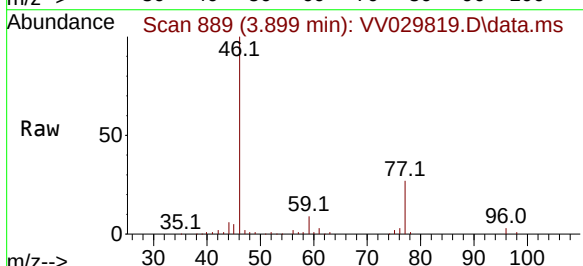
Tgt Ion: 96 Resp: 2527

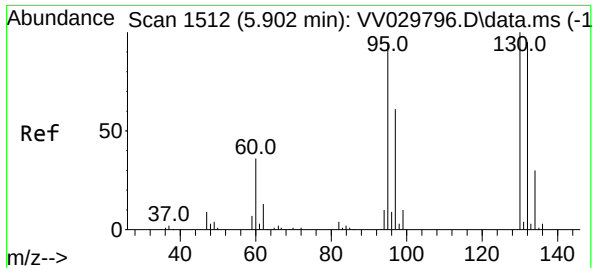
Ion Ratio Lower Upper

96 100

61 115.6 80.0 148.6

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 4.971 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV029819.D
 Acq: 13 Jan 2023 19:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y2

Tgt Ion: 95 Resp: 77072

Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.3
132	99.4	71.8	133.4
130	101.3	75.3	139.8

