

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028971.D
 Acq On : 15 Nov 2022 05:01
 Operator : SY/MD
 Sample : N5604-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

Quant Time: Nov 15 05:39:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

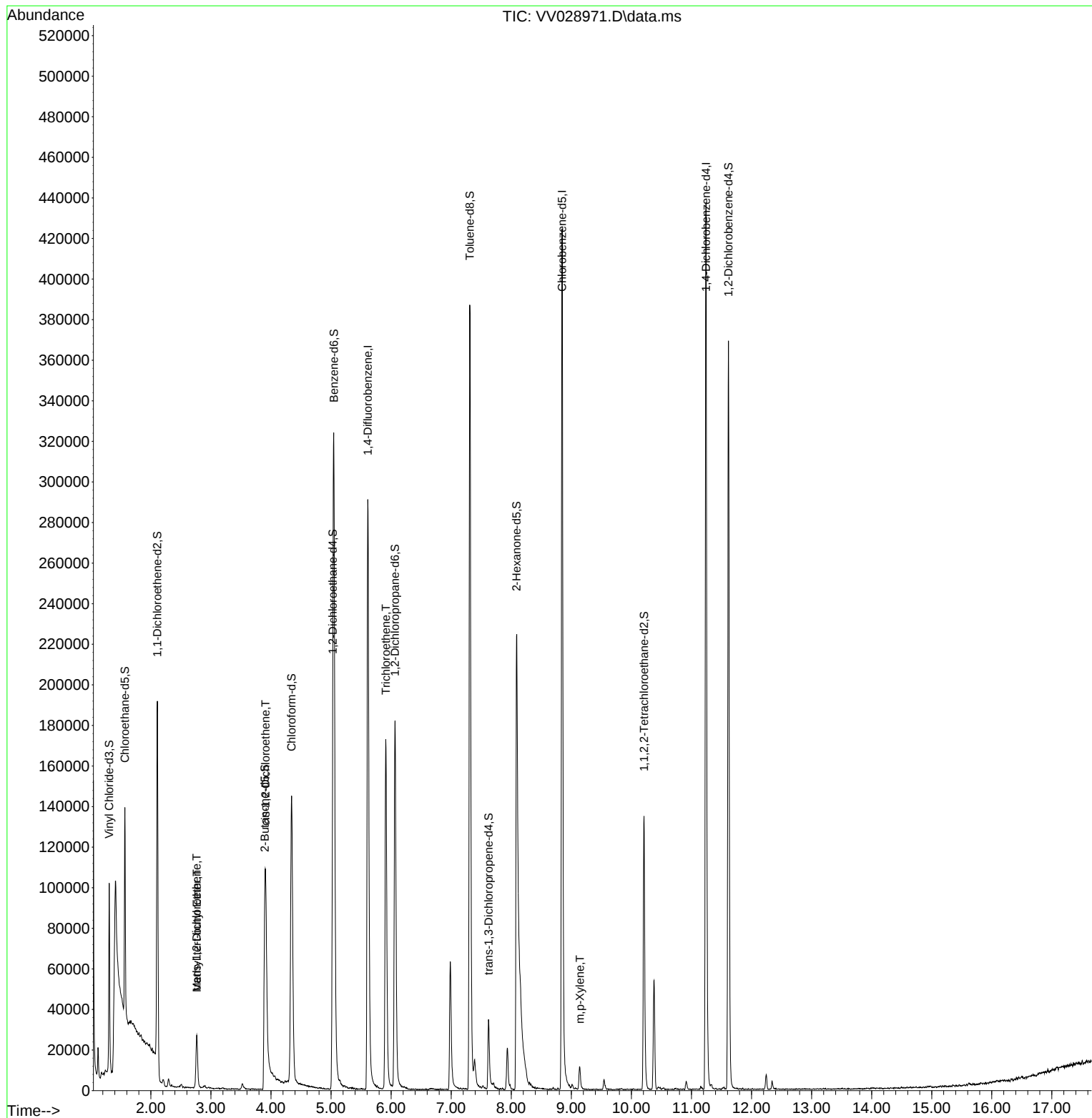
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	280675	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	261995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	126734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59413	3.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.568	69	62995	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.108	63	89374	2.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.896	46	101034	35.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.540%
24) Chloroform-d	4.343	84	153707	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.027	65	70017	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	320399	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.066	67	93931	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.310	98	283160	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.622	79	22680	3.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.088	63	138640	45.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70958	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	105480	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
17) Methyl tert-butyl Ether	2.767	73	13787	0.378	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	5748	0.292	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	48579	2.425	ug/L	96
34) Trichloroethene	5.912	95	64204	3.132	ug/L	98
53) m,p-Xylene	9.143	106	3623	0.101	ug/L	92

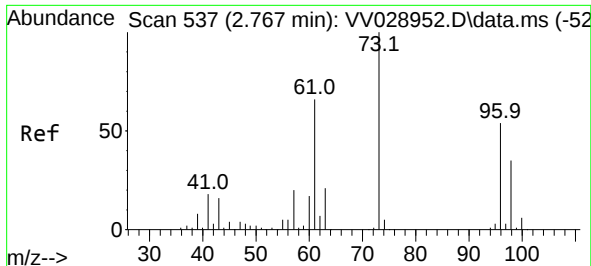
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.378 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

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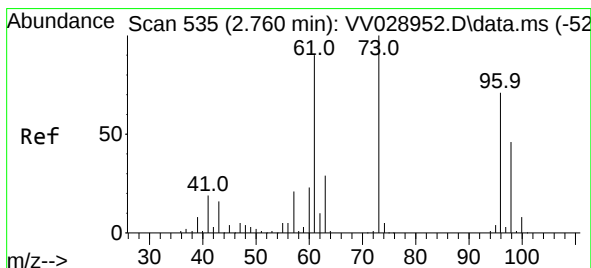
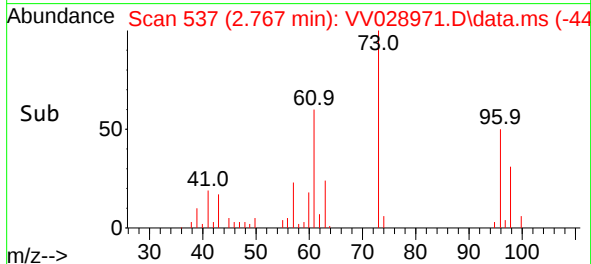
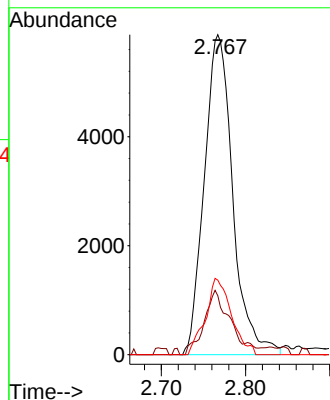
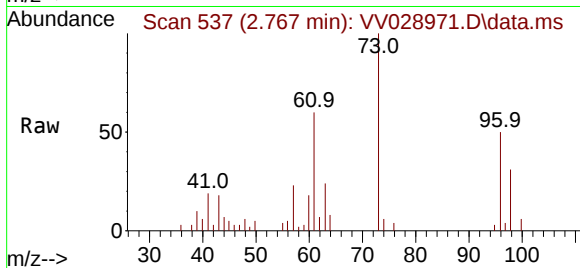
Tgt Ion: 73 Resp: 13787

Ion Ratio Lower Upper

73 100

43 17.5 13.0 19.4

57 21.6 16.6 24.8



#18

trans-1,2-Dichloroethene

Concen: 0.292 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

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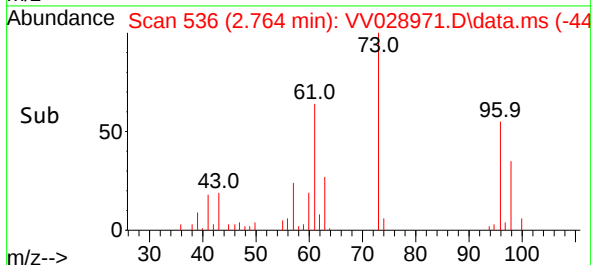
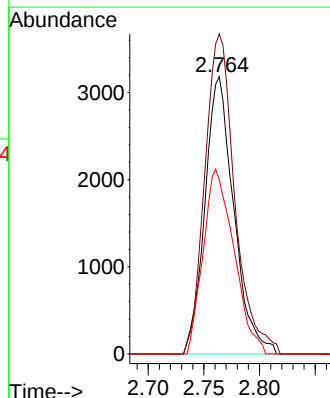
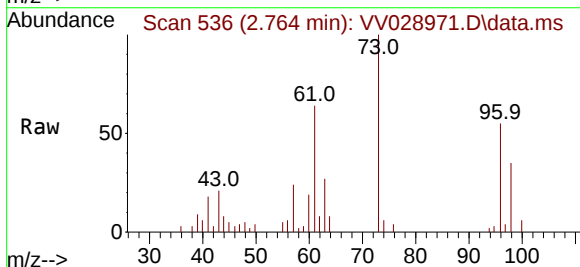
Tgt Ion: 96 Resp: 5748

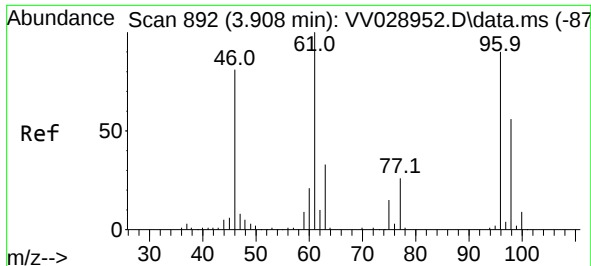
Ion Ratio Lower Upper

96 100

61 115.4 91.8 170.6

98 62.7 46.4 86.2

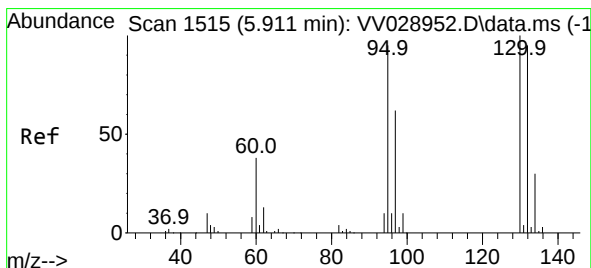
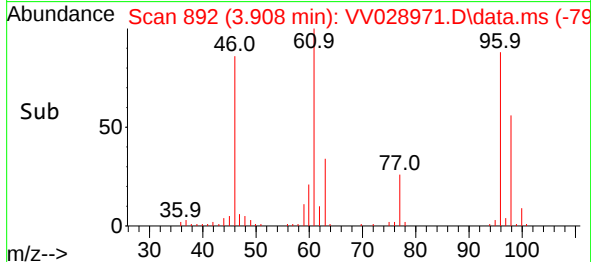
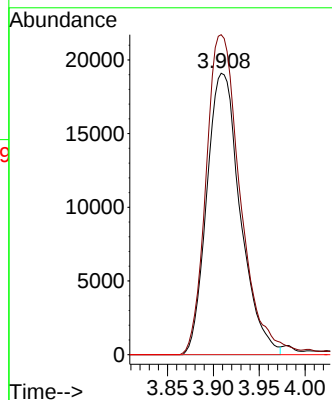
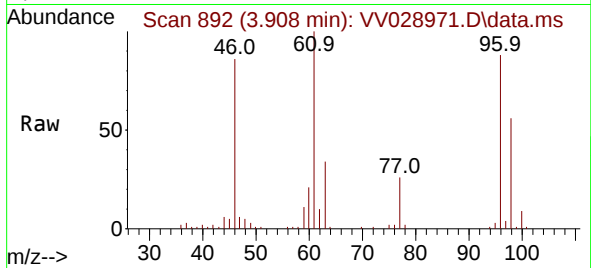




#22
 cis-1,2-Dichloroethene
 Concen: 2.425 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
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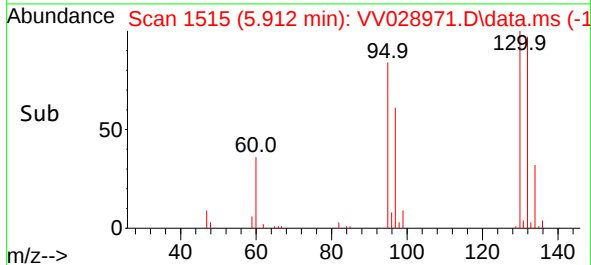
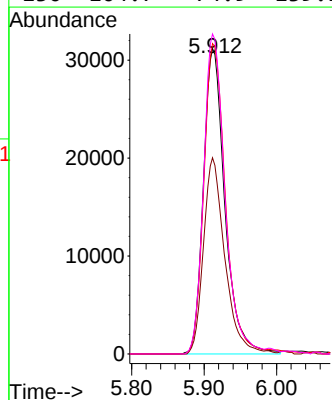
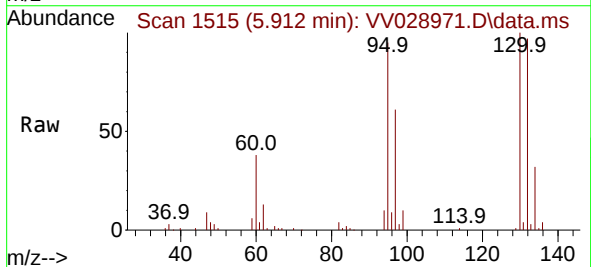
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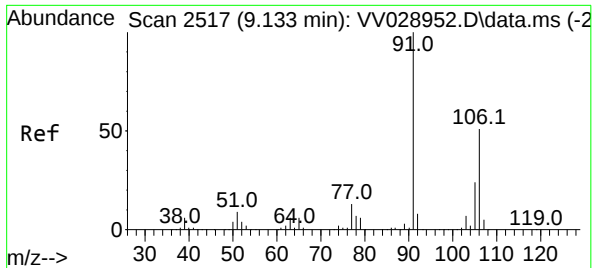
Tgt Ion: 96 Resp: 48579
 Ion Ratio Lower Upper
 96 100
 61 113.7 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.132 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: VV028971.D
 Acq: 15 Nov 2022 05:01

Tgt Ion: 95 Resp: 64204
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.6 84.8
 132 101.6 69.1 128.3
 130 104.7 74.9 139.1





#53
 m,p-Xylene
 Concen: 0.101 ug/L
 RT: 9.143 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV028971.D
 Acq: 15 Nov 2022 05:01

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

Tgt Ion:106 Resp: 3623
 Ion Ratio Lower Upper
 106 100
 91 186.7 139.1 258.3

