

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028970.D
 Acq On : 15 Nov 2022 04:37
 Operator : SY/MD
 Sample : N5604-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E3

Quant Time: Nov 15 05:38:54 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)

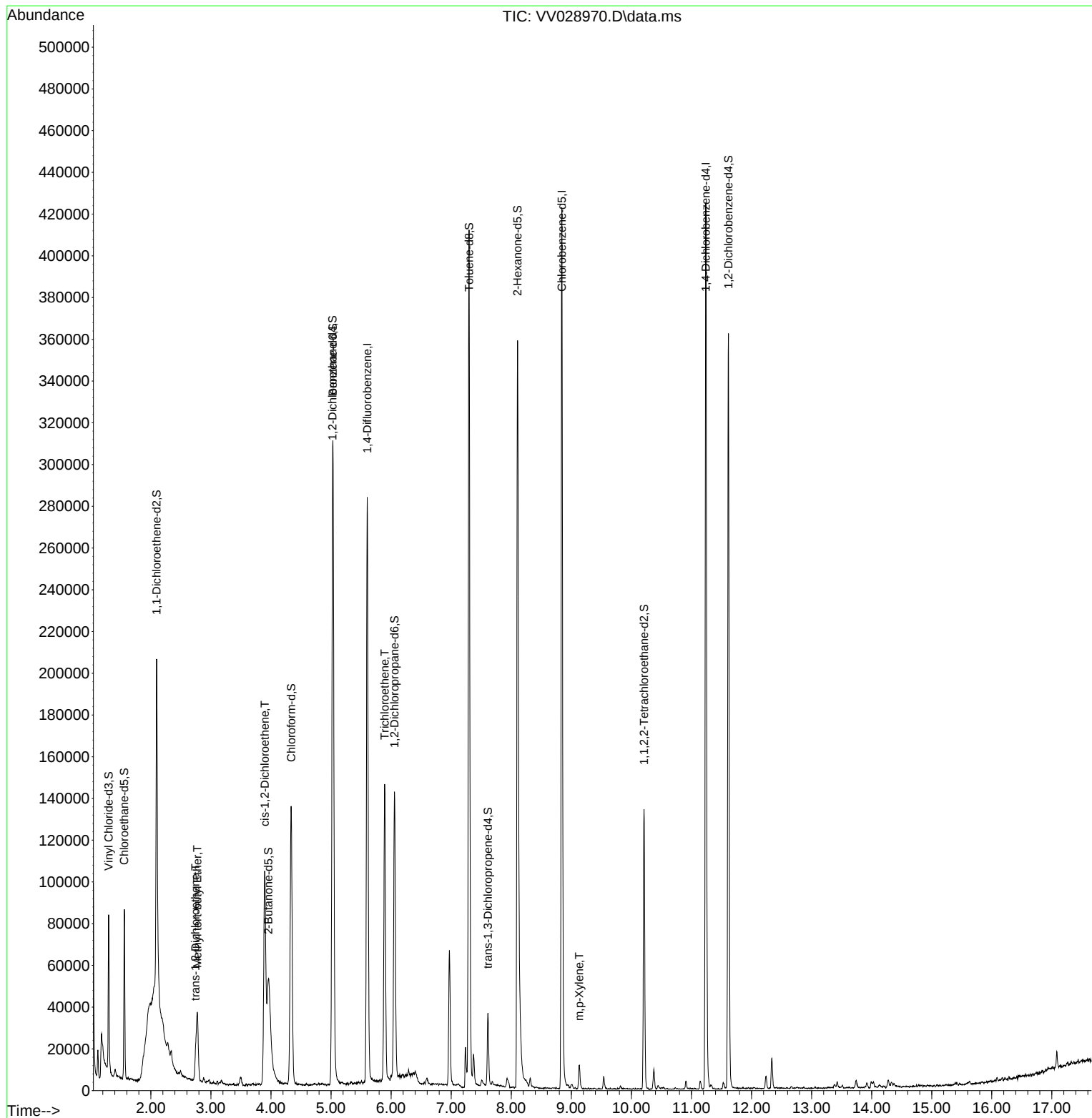
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	251222	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.841	117	246056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	119266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	48442	3.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.558	69	51128	3.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.095	63	74604	2.673	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.957	46	131903	51.449	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	4.336	84	138809	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.024	65	66869	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.030	84	264942	3.607	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.056	67	59933	2.922	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	58.400%#
41) Toluene-d8	7.297	98	277754	4.201	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.612	79	19983	2.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.800%
46) 2-Hexanone-d5	8.104	63	138244	48.420	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	64778	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	97717	4.580	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
17) Methyl tert-butyl Ether	2.773	73	38159	1.170	ug/L	96
18) trans-1,2-Dichloroethene	2.744	96	4820	0.273	ug/L	89
22) cis-1,2-Dichloroethene	3.895	96	61979	3.456	ug/L	92
34) Trichloroethene	5.892	95	45109	2.343	ug/L	93
53) m,p-Xylene	9.130	106	3807	0.113	ug/L	97

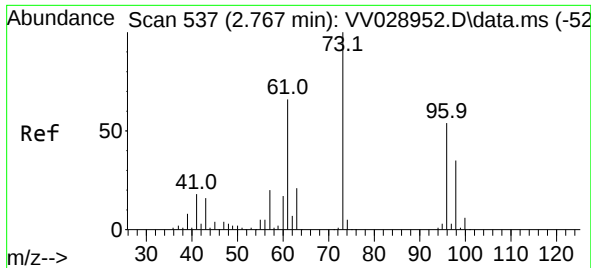
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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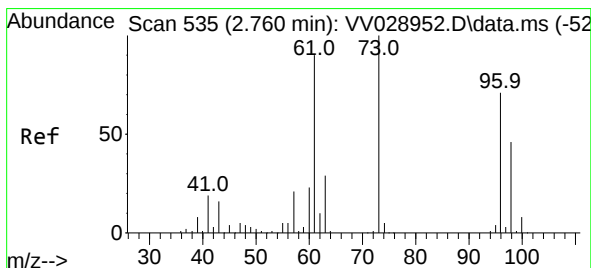
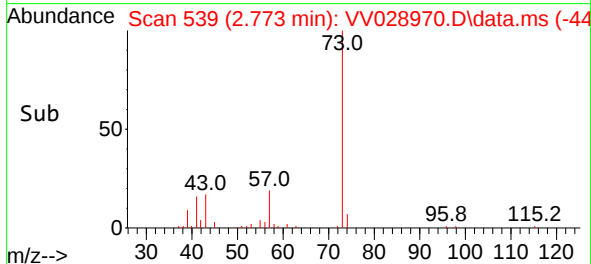
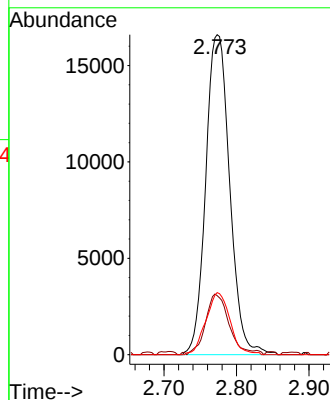
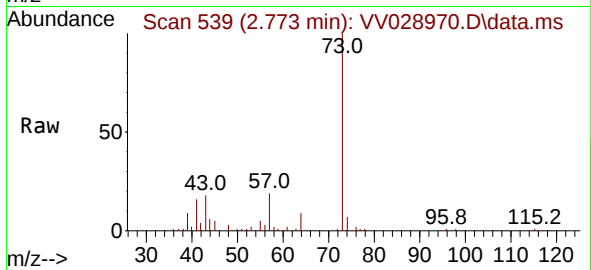




#17
Methyl tert-butyl Ether
Concen: 1.170 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

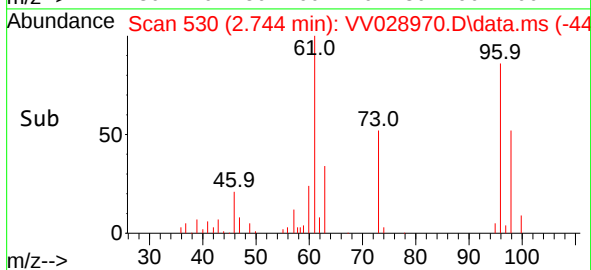
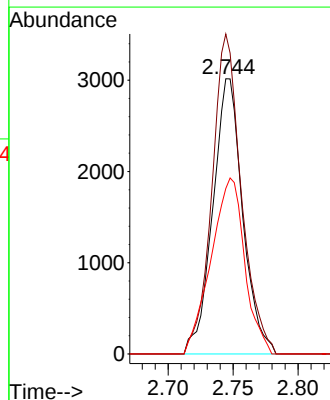
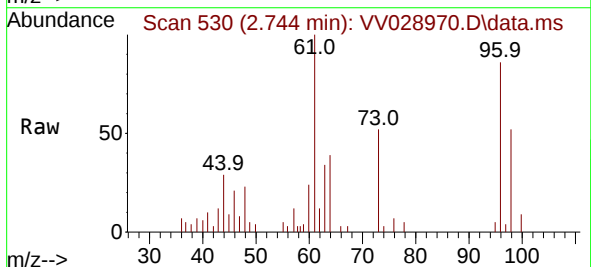
Instrument :
MSVOA_V
ClientSampleId :
H46E3

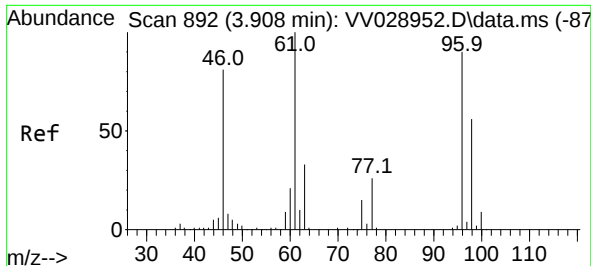
Tgt Ion: 73 Resp: 38159
Ion Ratio Lower Upper
73 100
43 18.3 13.0 19.4
57 19.5 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.273 ug/L
RT: 2.744 min Scan# 530
Delta R.T. -0.016 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

Tgt Ion: 96 Resp: 4820
Ion Ratio Lower Upper
96 100
61 116.3 91.8 170.6
98 60.1 46.4 86.2





#22

cis-1,2-Dichloroethene

Concen: 3.456 ug/L

RT: 3.895 min Scan# 81

Delta R.T. -0.013 min

Lab File: VV028970.D

Acq: 15 Nov 2022 04:37

Instrument :

MSVOA_V

ClientSampleId :

H46E3

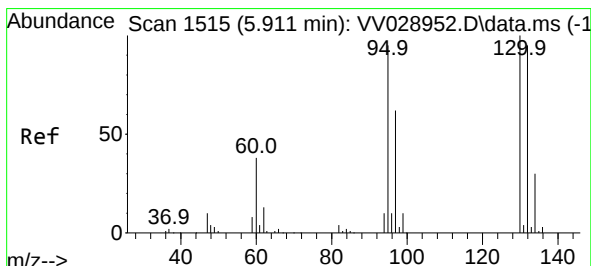
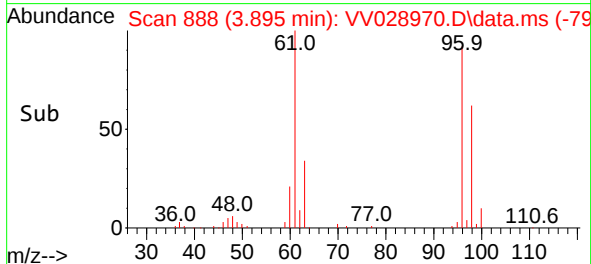
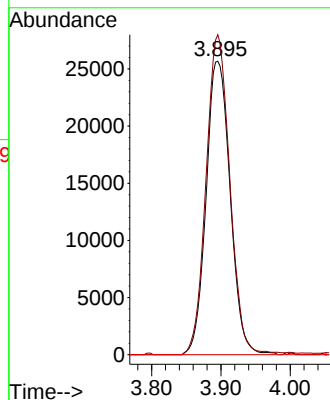
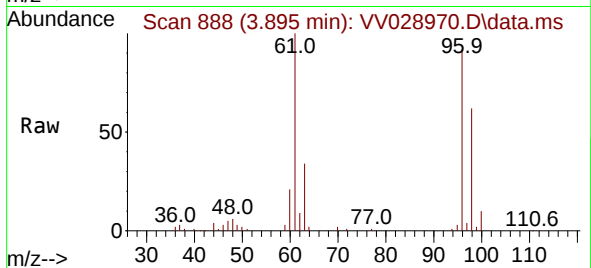
Tgt Ion: 96 Resp: 61979

Ion Ratio Lower Upper

96 100

61 109.0 82.3 152.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 2.343 ug/L

RT: 5.892 min Scan# 1509

Delta R.T. -0.019 min

Lab File: VV028970.D

Acq: 15 Nov 2022 04:37

Tgt Ion: 95 Resp: 45109

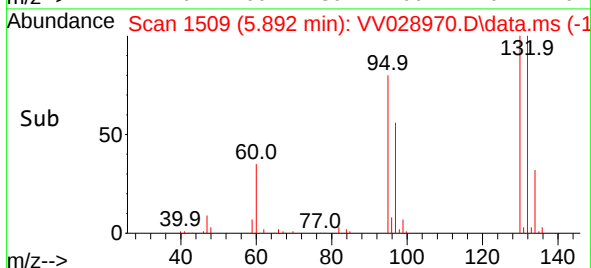
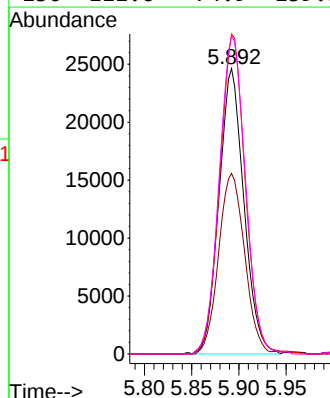
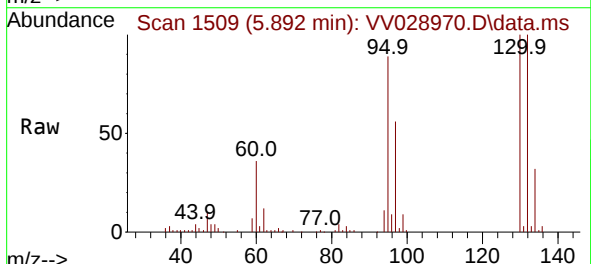
Ion Ratio Lower Upper

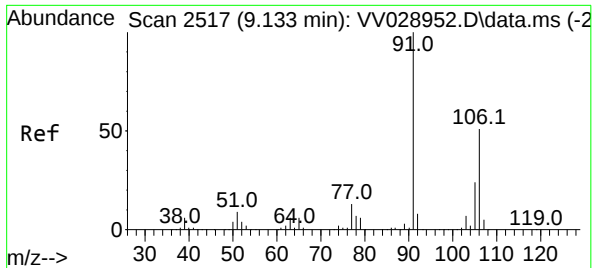
95 100

97 63.2 45.6 84.8

132 112.1 69.1 128.3

130 111.6 74.9 139.1





#53
 m,p-Xylene
 Concen: 0.113 ug/L
 RT: 9.130 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV028970.D
 Acq: 15 Nov 2022 04:37

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Tgt Ion:106 Resp: 3807
 Ion Ratio Lower Upper
 106 100
 91 202.5 139.1 258.3

