

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024748.D
 Acq On : 18 Feb 2022 13:08
 Operator : SY/MD
 Sample : N1510-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M35

Quant Time: Feb 19 00:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

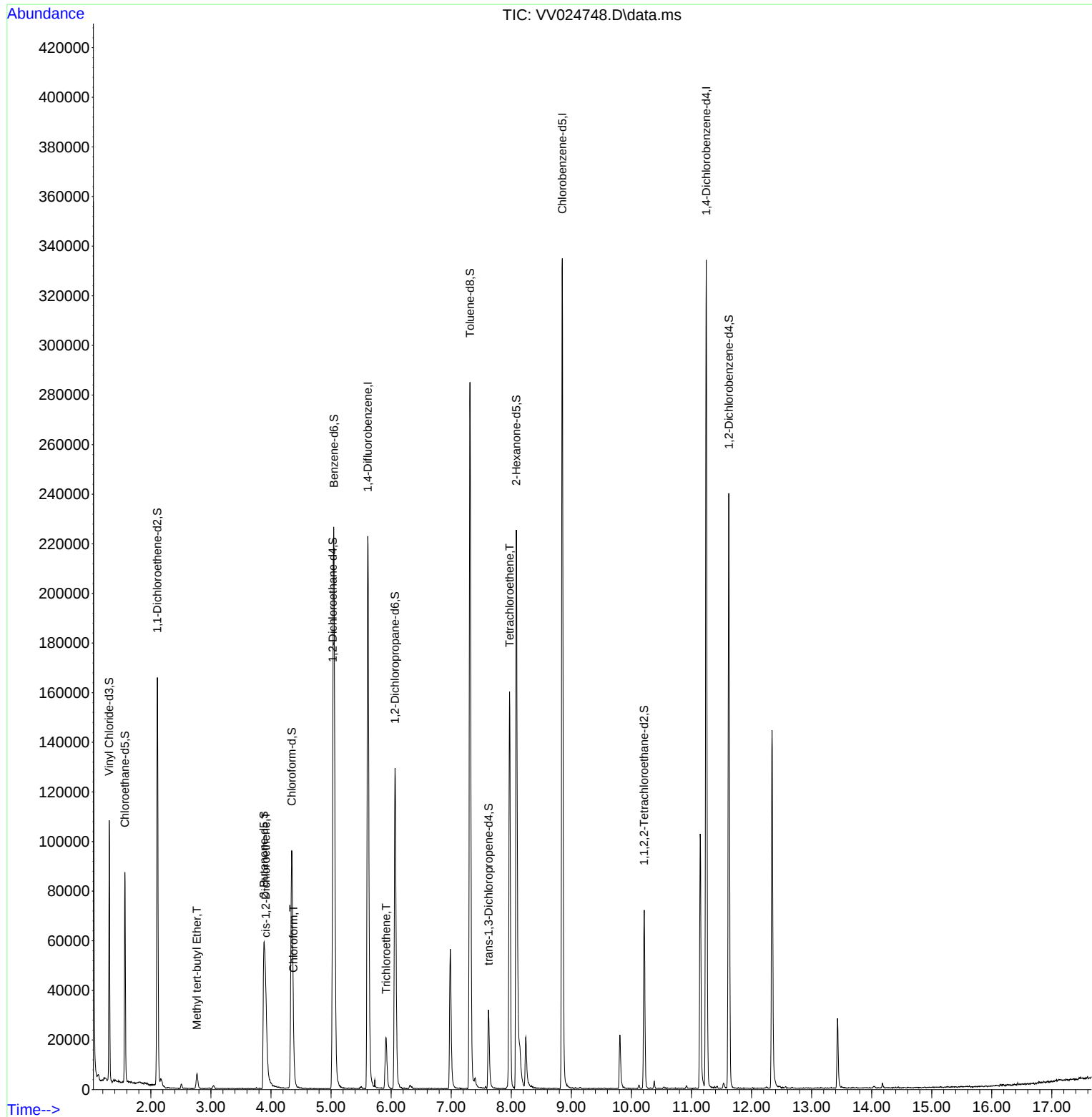
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	194185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62769	3.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	53717	3.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.108	63	86056	2.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.883	46	100924	42.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.800%
24) Chloroform-d	4.346	84	99508	3.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.030	65	47379	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.046	84	212391	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.066	67	63171	4.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.313	98	186294	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.622	79	19470	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.085	63	80018	40.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	36107	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	57457	4.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
17) Methyl tert-butyl Ether	2.767	73	6089	0.205	ug/L	95
22) cis-1,2-Dichloroethene	3.911	96	11404	0.730	ug/L	93
25) Chloroform	4.375	83	4340	0.154	ug/L	99
34) Trichloroethene	5.918	95	6748	0.424	ug/L	95
47) Tetrachloroethene	7.972	164	33193	3.065	ug/L	96

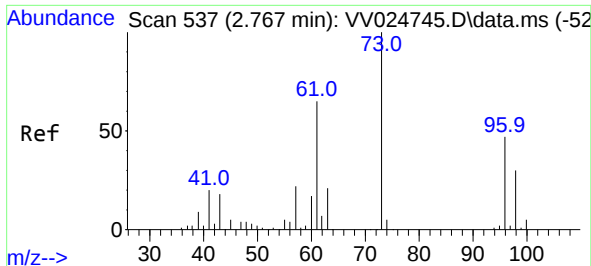
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 19 00:43:23 2022
Response via : Initial Calibration

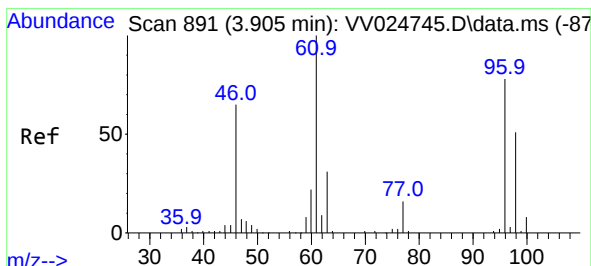
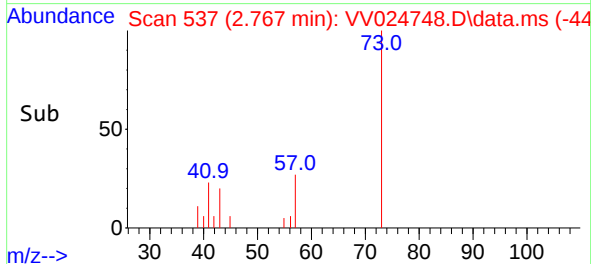
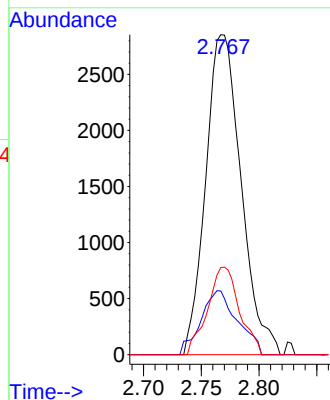
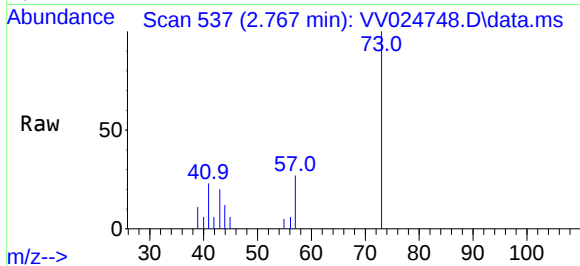




#17
Methyl tert-butyl Ether
Concen: 0.205 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024748.D
Acq: 18 Feb 2022 13:08

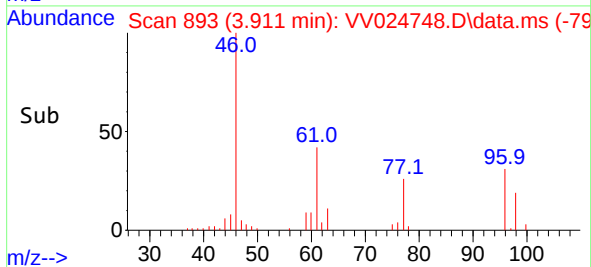
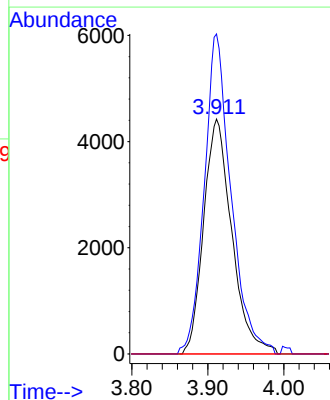
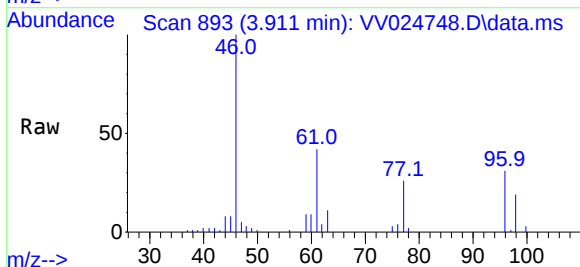
Instrument :
MSVOA_V
ClientSampleId :
F4M35

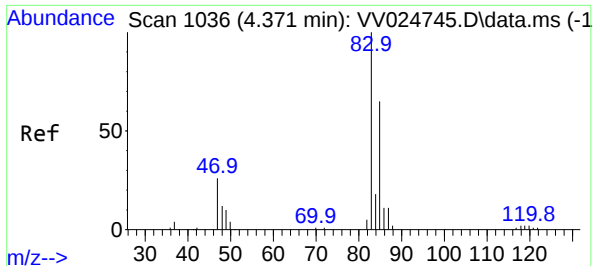
Tgt Ion: 73 Resp: 6089
Ion Ratio Lower Upper
73 100
43 20.6 15.1 22.7
57 24.6 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 0.730 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV024748.D
Acq: 18 Feb 2022 13:08

Tgt Ion: 96 Resp: 11404
Ion Ratio Lower Upper
96 100
61 136.2 89.7 166.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.154 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024748.D

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Instrument :

MSVOA_V

ClientSampleId :

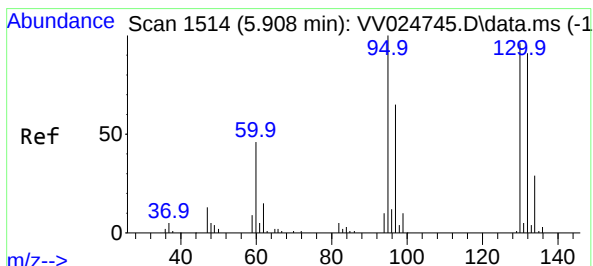
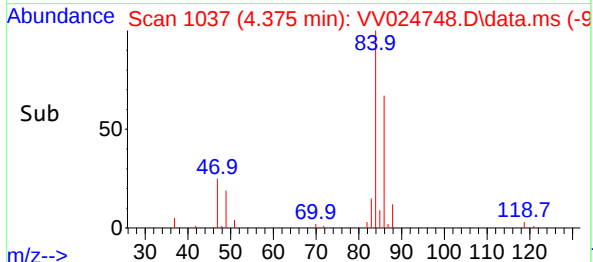
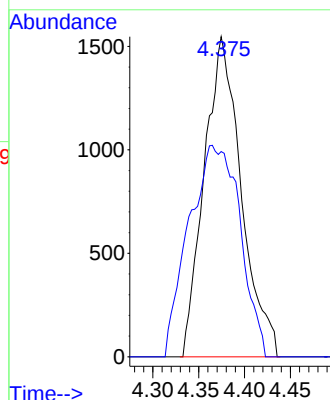
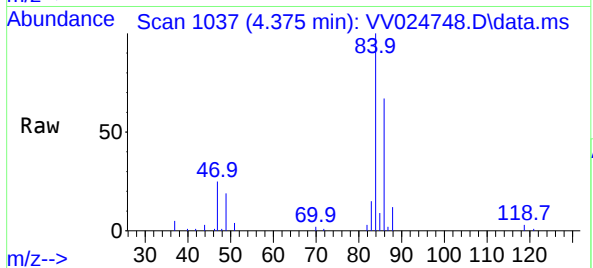
F4M35

Tgt Ion: 83 Resp: 4340

Ion Ratio Lower Upper

83 100

85 64.1 45.5 84.5



#34

Trichloroethene

Concen: 0.424 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV024748.D

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Tgt Ion: 95 Resp: 6748

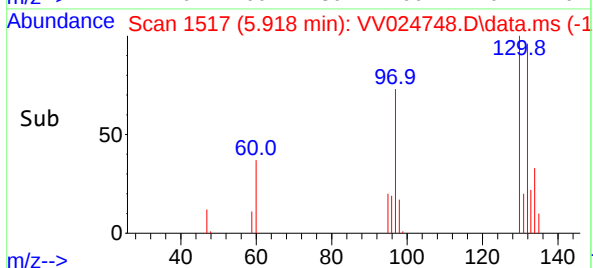
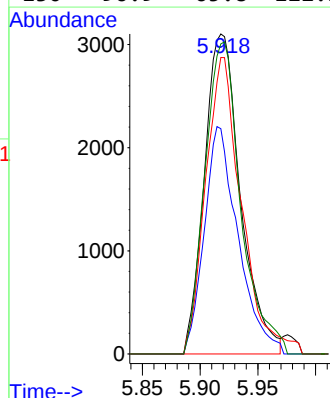
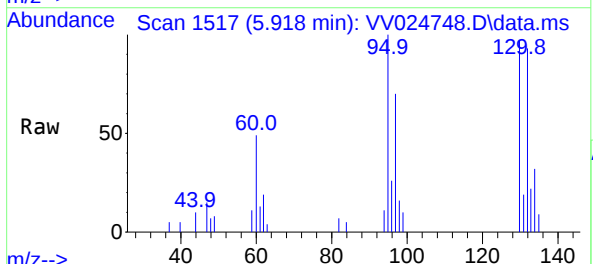
Ion Ratio Lower Upper

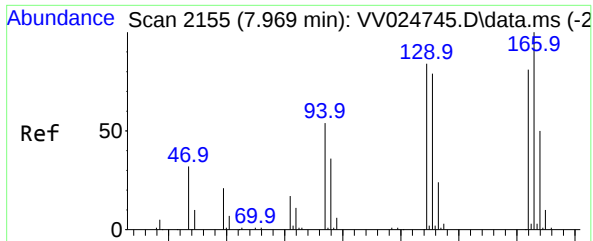
95 100

97 70.4 44.2 82.0

132 92.7 62.1 115.3

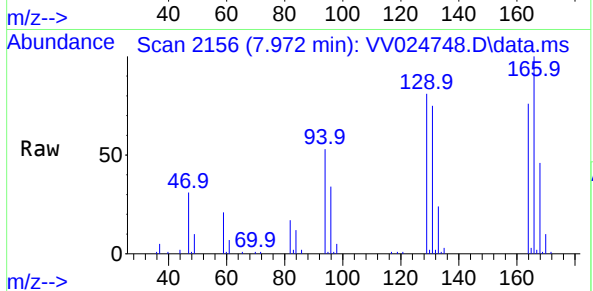
130 96.9 65.8 122.2





#47
 Tetrachloroethene
 Concen: 3.065 ug/L
 RT: 7.972 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024748.D
 Acq: 18 Feb 2022 13:08

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Tgt Ion:164 Resp: 33193

Ion	Ratio	Lower	Upper
164	100		
129	105.6	70.3	130.7
131	97.9	67.7	125.7
166	131.1	88.3	164.1

