

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034062.D
 Acq On : 08 Feb 2024 16:32
 Operator : SY/MD
 Sample : P1400-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

Quant Time: Feb 09 00:44:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

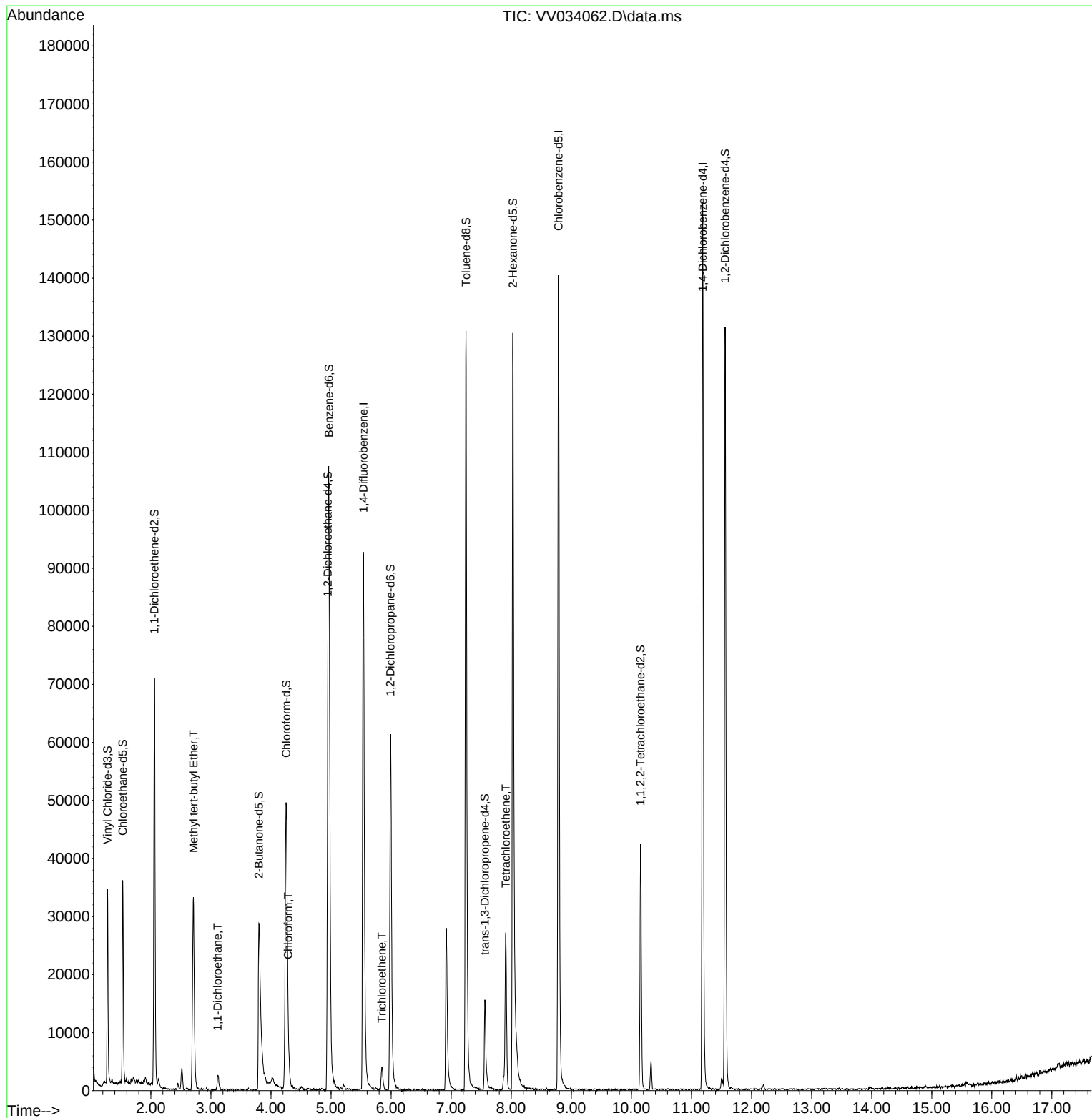
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	80188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	76079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21368	3.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.532	69	21957	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.060	65	11541	3.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.799	46	55469	53.182	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.360%
24) Chloroform-d	4.252	84	52298	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.947	65	26863	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.963	84	96032	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.989	67	28153	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.246	98	89085	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.561	79	10099	4.192	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.027	63	46765	54.374	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19638	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	33583	4.727	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.709	73	33713	2.929	ug/L	98
19) 1,1-Dichloroethane	3.114	63	2889	0.276	ug/L	94
25) Chloroform	4.285	83	4638	0.438	ug/L	92
34) Trichloroethene	5.847	95	1518	0.230	ug/L	87
47) Tetrachloroethene	7.908	164	6157	1.147	ug/L	97

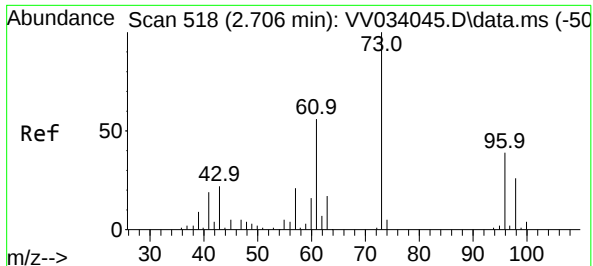
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 2.929 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034062.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AG5

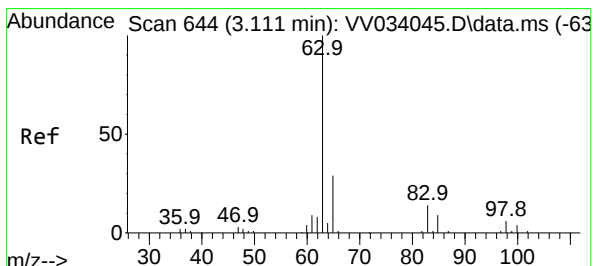
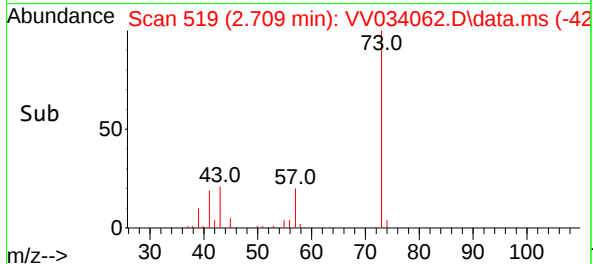
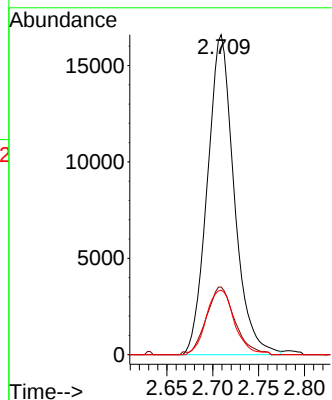
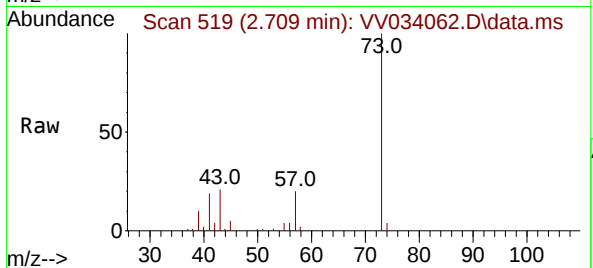
Tgt Ion: 73 Resp: 33713

Ion Ratio Lower Upper

73 100

43 22.5 17.7 26.5

57 21.2 17.9 26.9



#19

1,1-Dichloroethane

Concen: 0.276 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034062.D

Acq: 08 Feb 2024 16:32

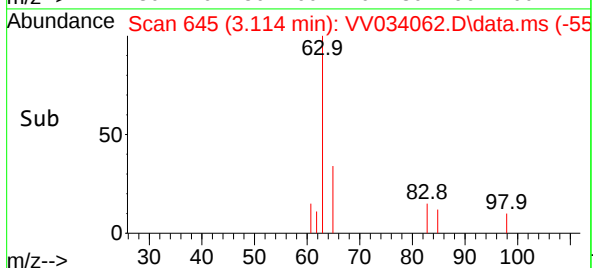
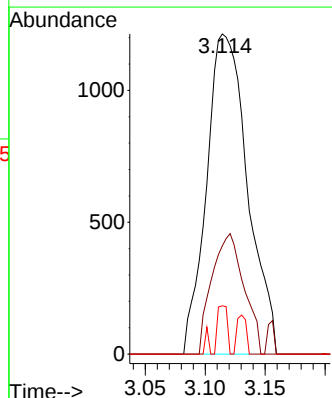
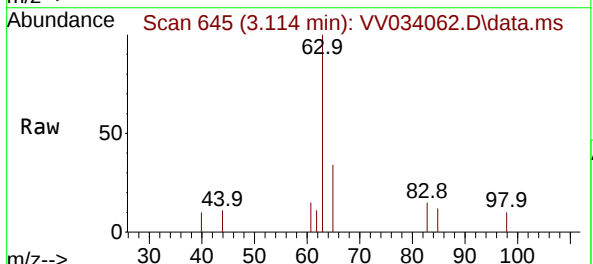
Tgt Ion: 63 Resp: 2889

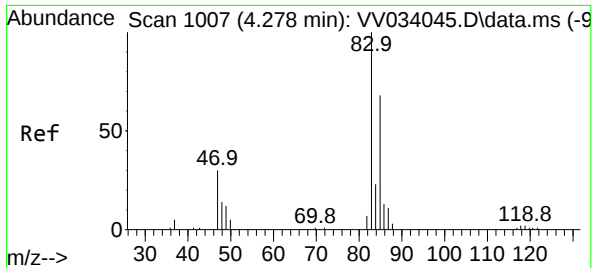
Ion Ratio Lower Upper

63 100

65 33.8 20.8 38.6

83 15.1 9.4 17.4

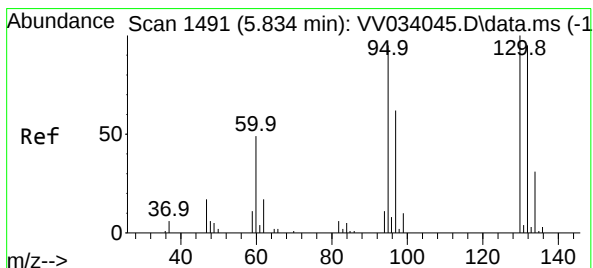
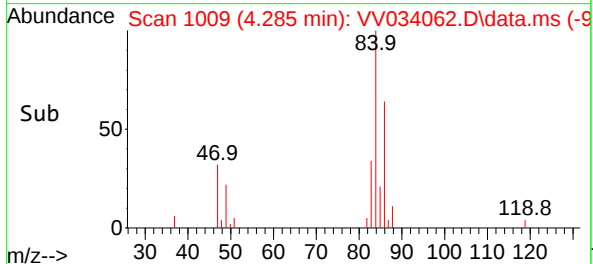
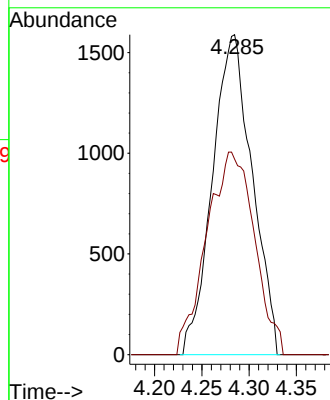
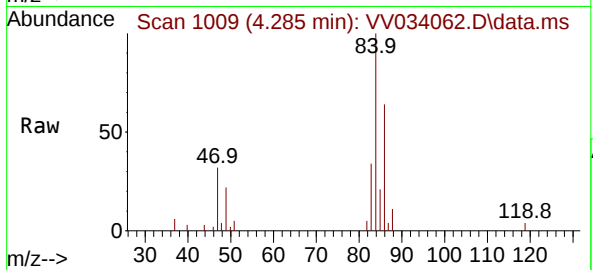




#25
Chloroform
Concen: 0.438 ug/L
RT: 4.285 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV034062.D
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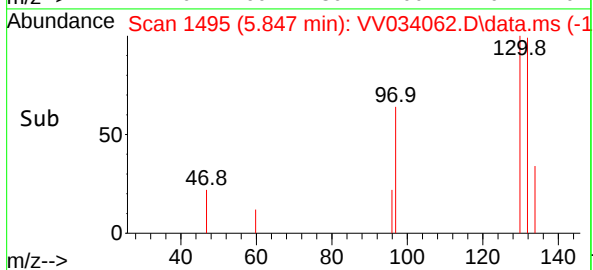
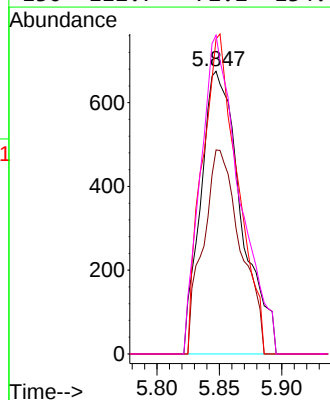
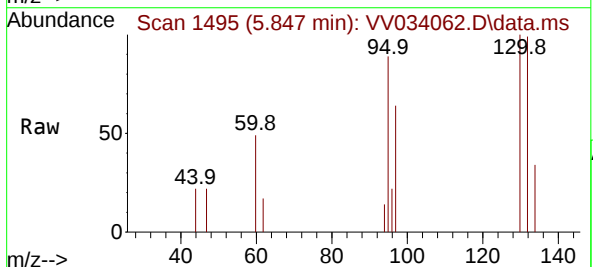
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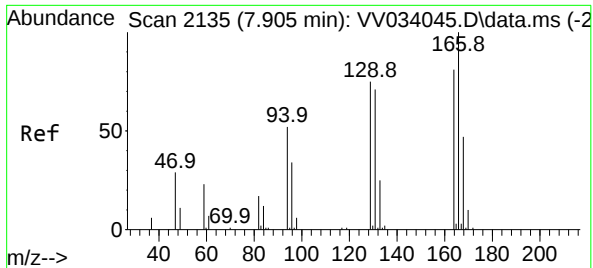
Tgt Ion: 83 Resp: 4638
Ion Ratio Lower Upper
83 100
85 61.1 47.5 88.1



#34
Trichloroethene
Concen: 0.230 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VV034062.D
Acq: 08 Feb 2024 16:32

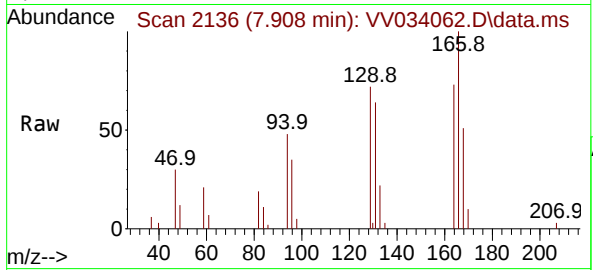
Tgt Ion: 95 Resp: 1518
Ion Ratio Lower Upper
95 100
97 72.1 45.1 83.7
132 111.4 66.0 122.6
130 112.7 72.2 134.0





#47
Tetrachloroethene
Concen: 1.147 ug/L
RT: 7.908 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034062.D
Acq: 08 Feb 2024 16:32

Instrument :
MSVOA_V
ClientSampleId :
C0AG5



Tgt Ion:	164	Resp:	6157
Ion	Ratio	Lower	Upper
164	100		
129	99.4	67.8	125.8
131	88.2	63.0	117.0
166	137.3	92.6	172.0

