

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025154.D
 Acq On : 24 Mar 2022 16:56
 Operator : SY/MD
 Sample : N2100-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

Quant Time: Mar 25 03:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

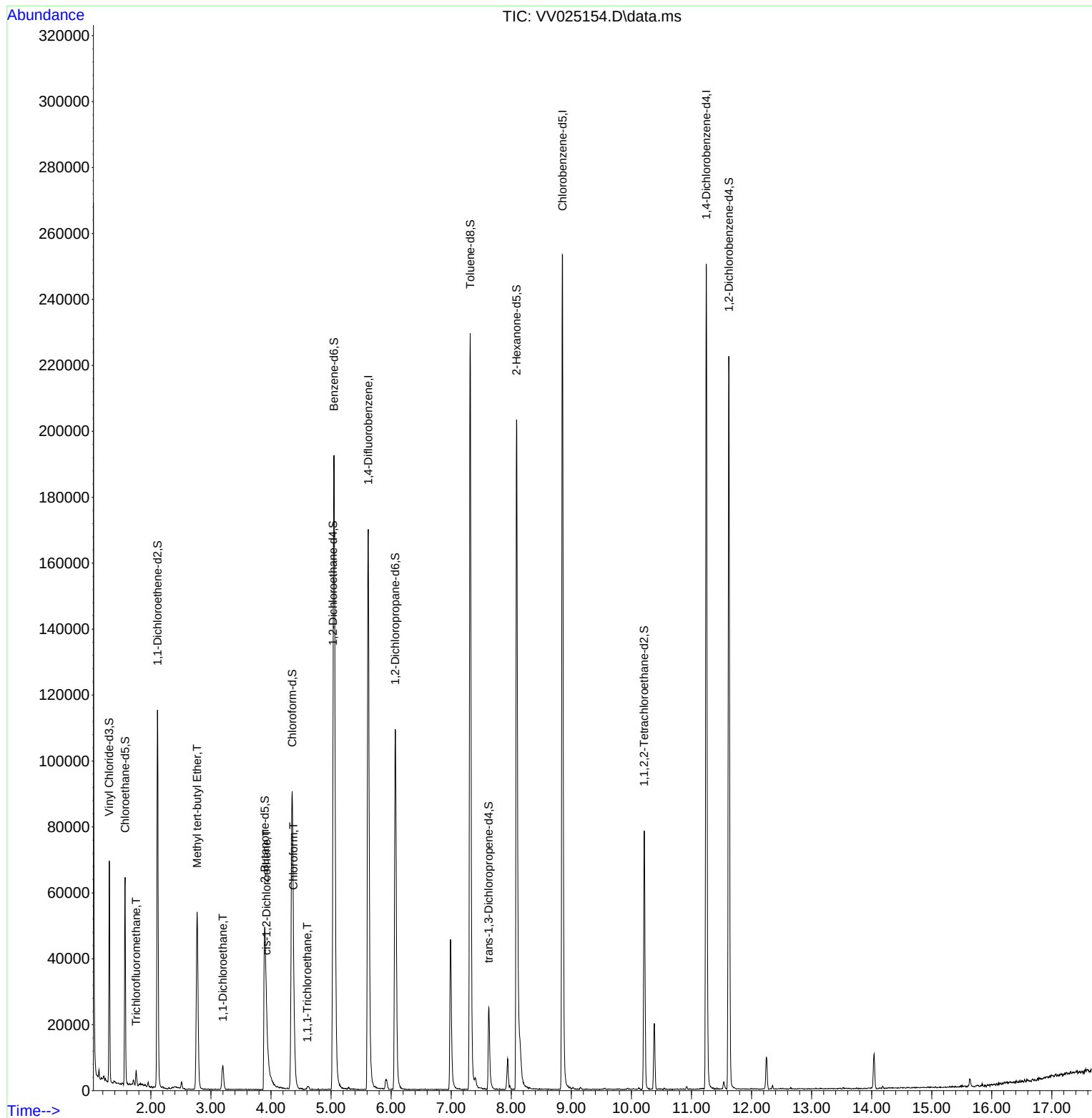
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160581	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	151009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42963	3.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.571	69	40539	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.111	63	57940	2.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.896	46	95903	62.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.180%
24) Chloroform-d	4.352	84	95850	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	41646	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.050	84	191887	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	57904	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	160749	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.625	79	17659	4.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.088	63	78692	52.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39993	5.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	58535	4.973	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	2593	0.135	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	58038	2.605	ug/L	99
19) 1,1-Dichloroethane	3.198	63	8127	0.388	ug/L	97
22) cis-1,2-Dichloroethene	3.925	96	658	0.053	ug/L	93
25) Chloroform	4.375	83	15789	0.724	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	1024	0.053	ug/L #	60

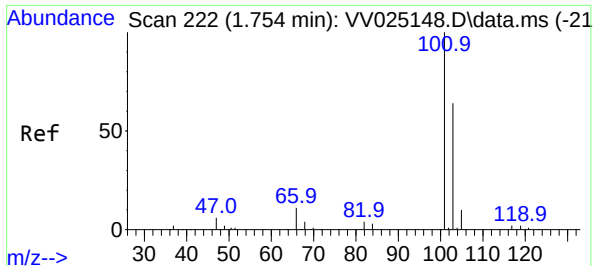
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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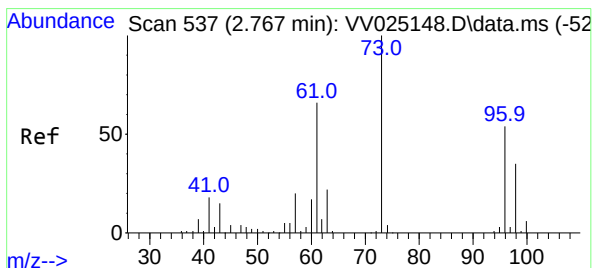
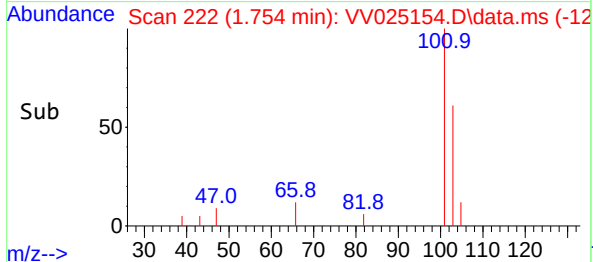
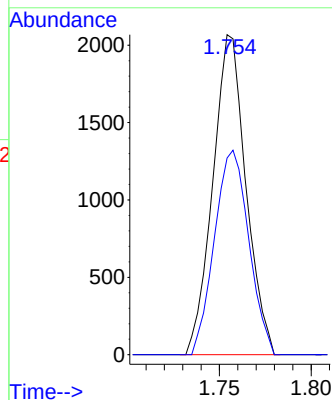
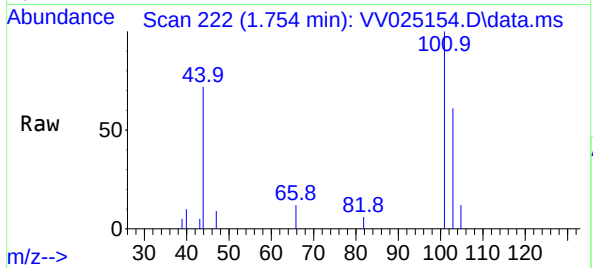




#9
Trichlorofluoromethane
Concen: 0.135 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

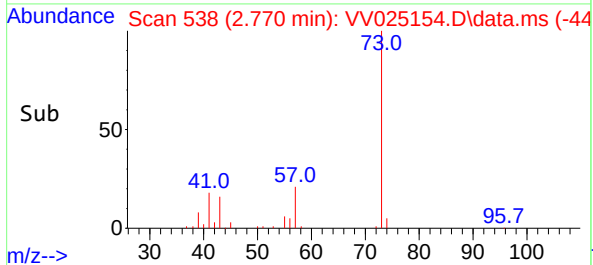
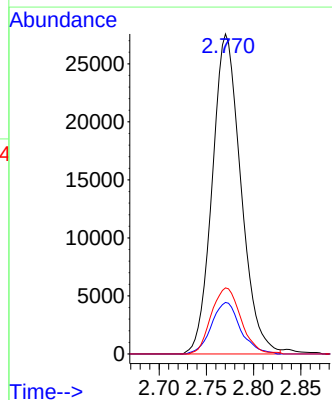
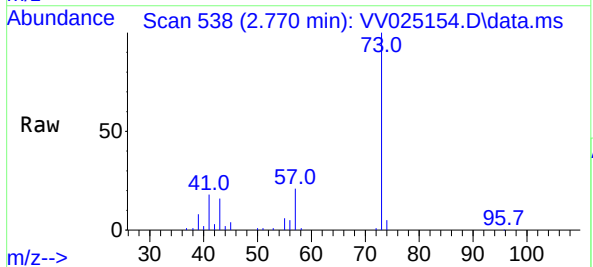
Instrument :
MSVOA_V
ClientSampleId :
C0AF2

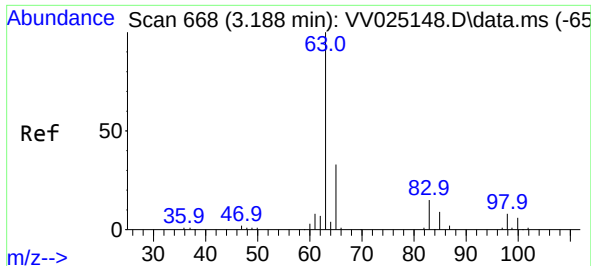
Tgt Ion:101 Resp: 2593
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3



#17
Methyl tert-butyl Ether
Concen: 2.605 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

Tgt Ion: 73 Resp: 58038
Ion Ratio Lower Upper
73 100
43 16.3 13.2 19.8
57 21.4 16.7 25.1



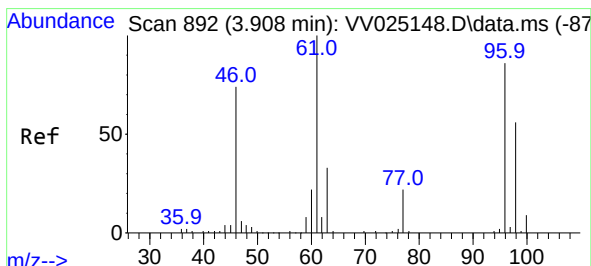
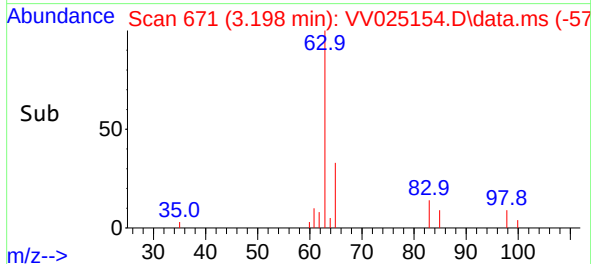
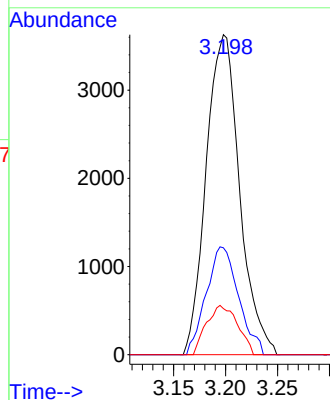
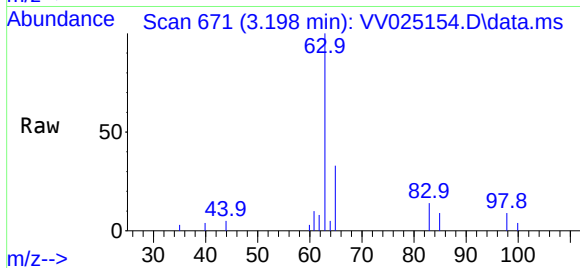


#19
1,1-Dichloroethane
Concen: 0.388 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 63 Resp: 8127

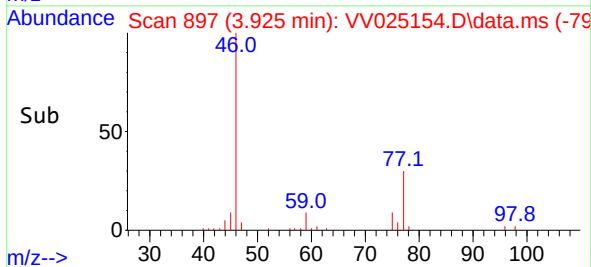
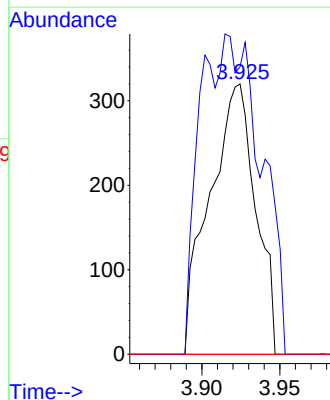
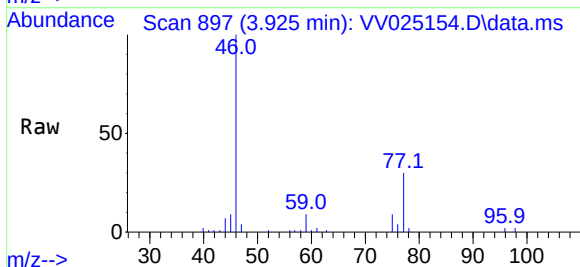
Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.2	41.2
83	14.4	9.4	17.4

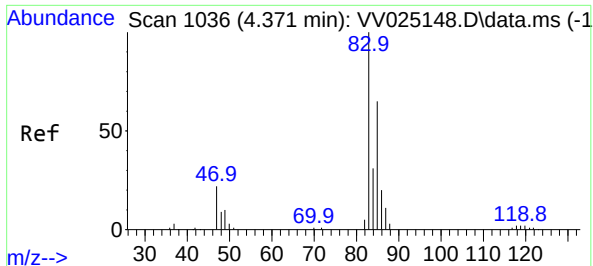


#22
cis-1,2-Dichloroethene
Concen: 0.053 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.016 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

Tgt Ion: 96 Resp: 658

Ion	Ratio	Lower	Upper
96	100		
61	106.3	79.7	147.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.724 ug/L

RT: 4.375 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025154.D

Acq: 24 Mar 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

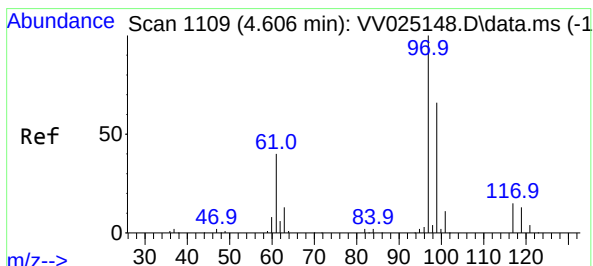
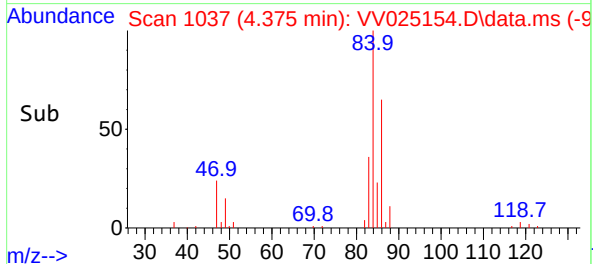
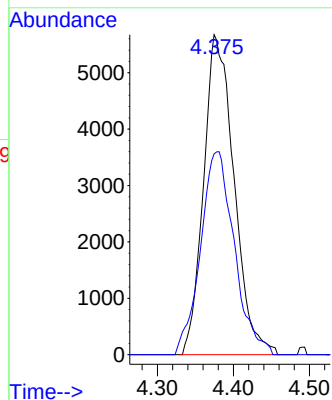
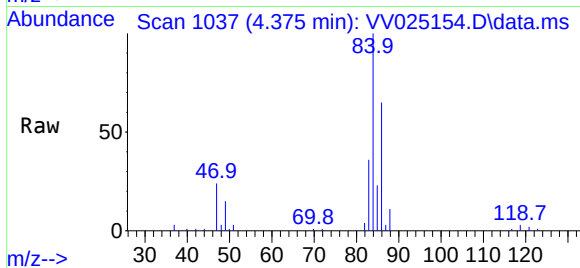
C0AF2

Tgt Ion: 83 Resp: 15789

Ion Ratio Lower Upper

83 100

85 62.7 44.5 82.7



#29

1,1,1-Trichloroethane

Concen: 0.053 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV025154.D

Acq: 24 Mar 2022 16:56

Tgt Ion: 97 Resp: 1024

Ion Ratio Lower Upper

97 100

99 19.7 50.7 76.1#

61 31.0 32.4 48.6#

