

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
 Data File : VV034348.D
 Acq On : 22 Feb 2024 15:39
 Operator : SY/MD
 Sample : P1566-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JWAA4

Quant Time: Feb 23 01:18:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

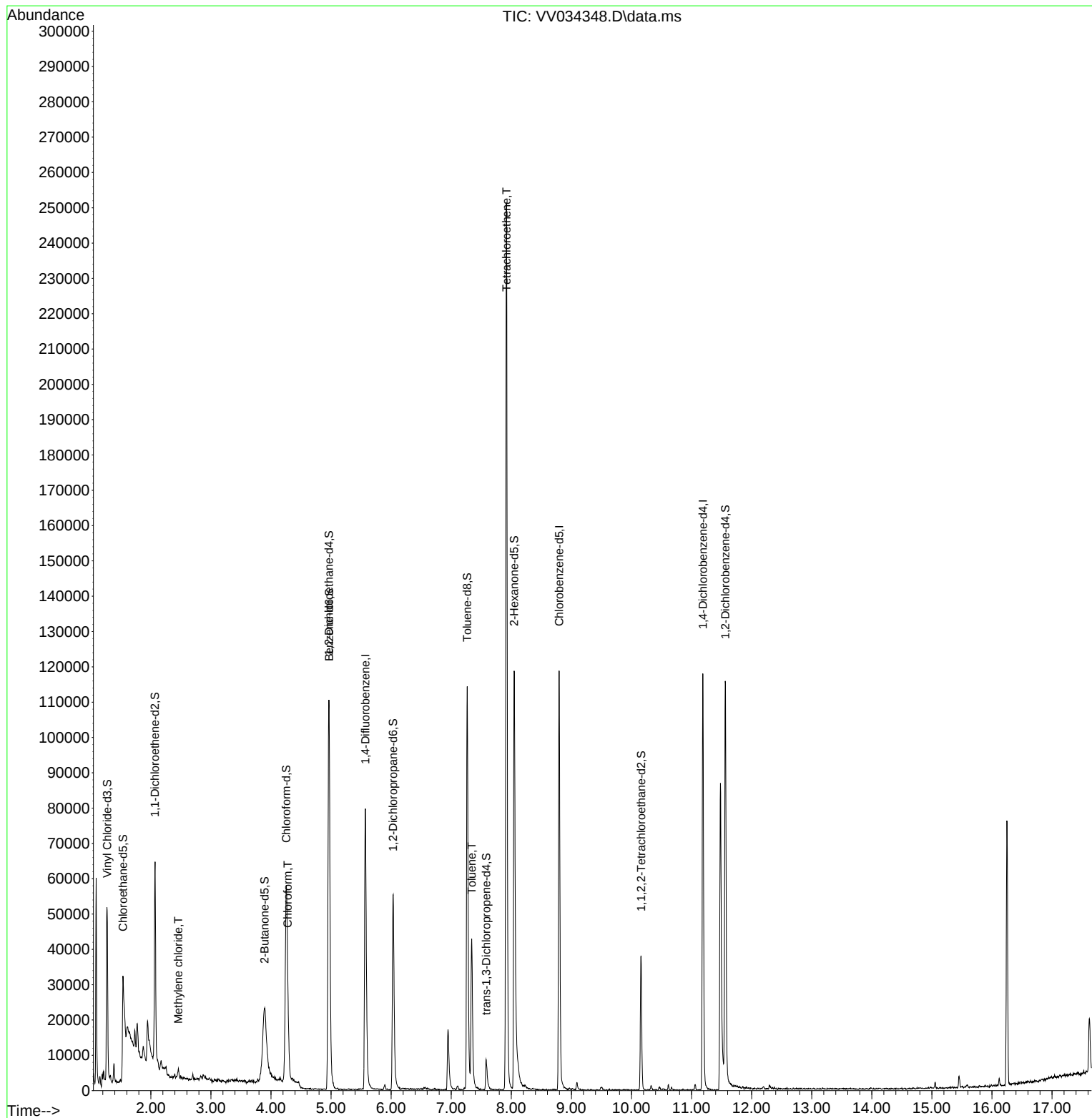
Internal Standards						
1) 1,4-Difluorobenzene	5.571	114	70609	5.000	ug/L	0.04
28) Chlorobenzene-d5	8.796	117	63371	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.188	152	30501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	16416	3.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.536	69	17159	3.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.069	65	8900	3.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.892	46	62976	68.570	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.140%#
24) Chloroform-d	4.253	84	52896	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	4.963	65	24551	5.287	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.966	84	86594	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.031	67	26520	4.990	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.265	98	75833	4.340	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.580	79	6391	3.185	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.047	63	42660	59.548	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.100%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	17393	5.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	28645	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.458	84	1098	0.232	ug/L	81
25) Chloroform	4.278	83	13087	1.402	ug/L	91
42) Toluene	7.339	91	31765	1.564	ug/L	96
47) Tetrachloroethene	7.918	164	54463	12.185	ug/L	96

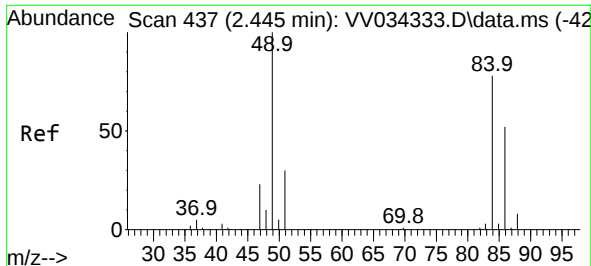
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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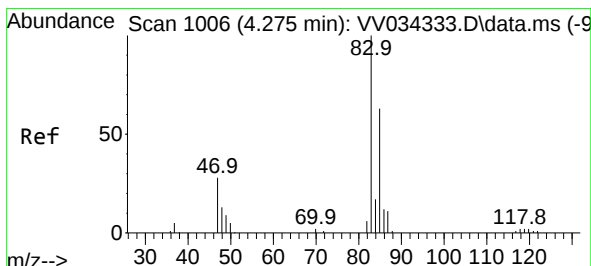
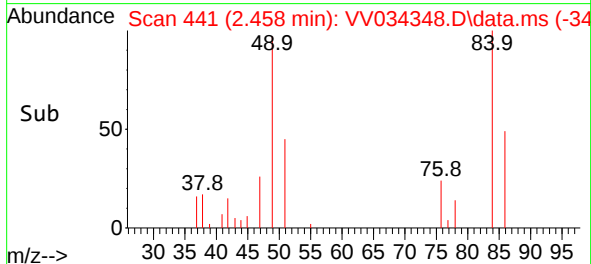
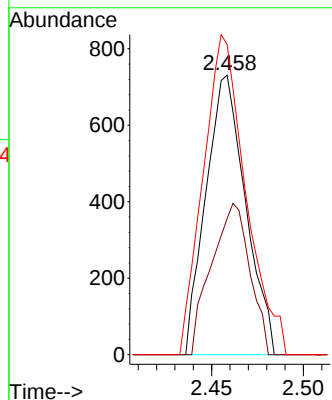
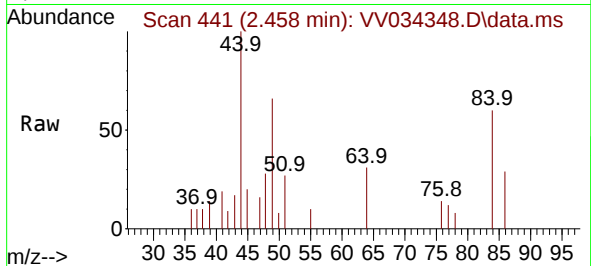




#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.013 min
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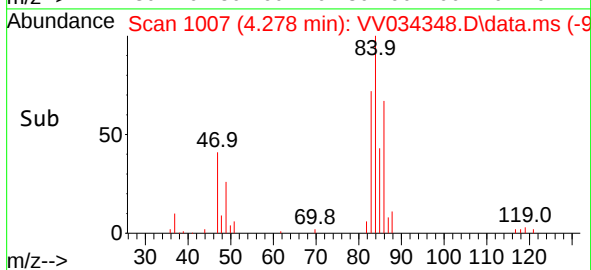
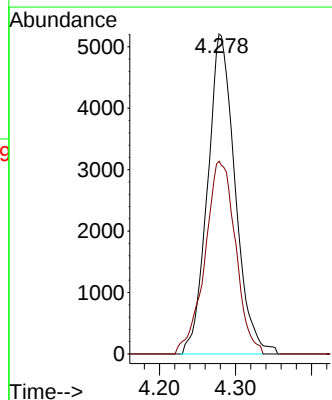
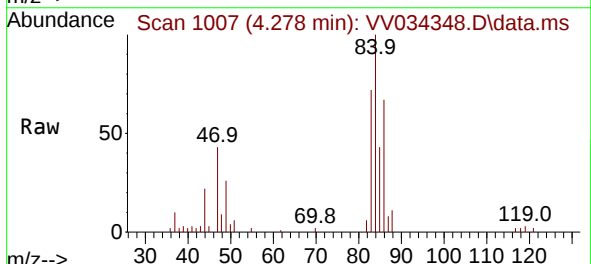
Instrument :
MSVOA_V
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JWAA4

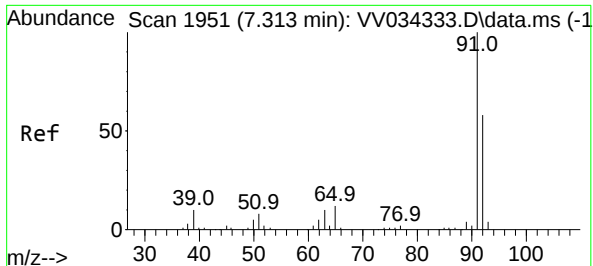
Tgt Ion: 84 Resp: 1098
Ion Ratio Lower Upper
84 100
86 48.7 44.7 83.1
49 111.1 93.7 173.9



#25
Chloroform
Concen: 1.402 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion: 83 Resp: 13087
Ion Ratio Lower Upper
83 100
85 60.2 47.5 88.1





#42

Toluene

Concen: 1.564 ug/L

RT: 7.339 min Scan# 1951

Delta R.T. 0.026 min

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Instrument :

MSVOA_V

ClientSampleId :

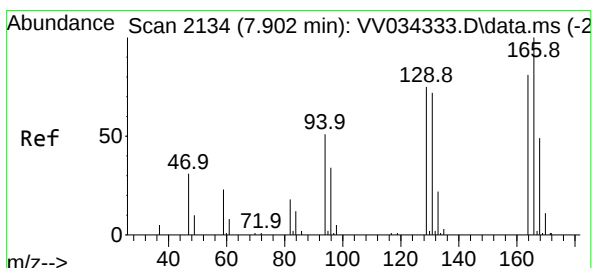
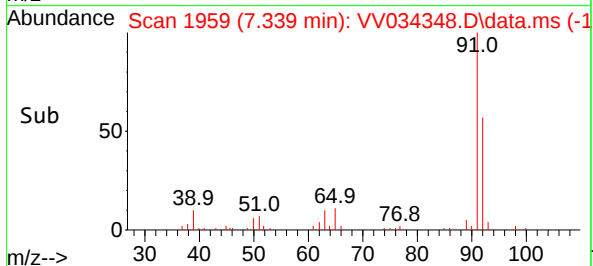
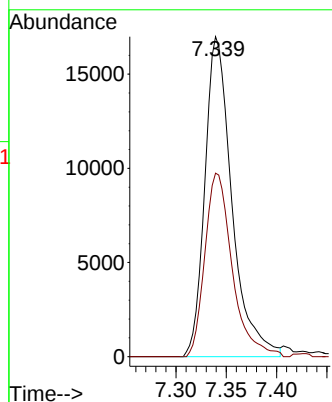
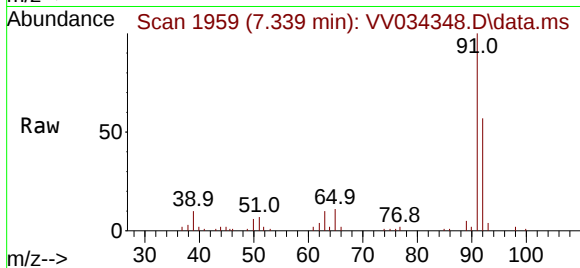
JWAA4

Tgt Ion: 91 Resp: 31765

Ion Ratio Lower Upper

91 100

92 57.4 42.1 78.3



#47

Tetrachloroethene

Concen: 12.185 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.016 min

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Tgt Ion: 164 Resp: 54463

Ion Ratio Lower Upper

164 100

129 92.0 67.8 125.8

131 91.7 63.0 117.0

166 126.1 92.6 172.0

