

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028726.D
 Acq On : 27 Oct 2022 18:05
 Operator : SY/MD
 Sample : N5232-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC6

Quant Time: Oct 28 04:59:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

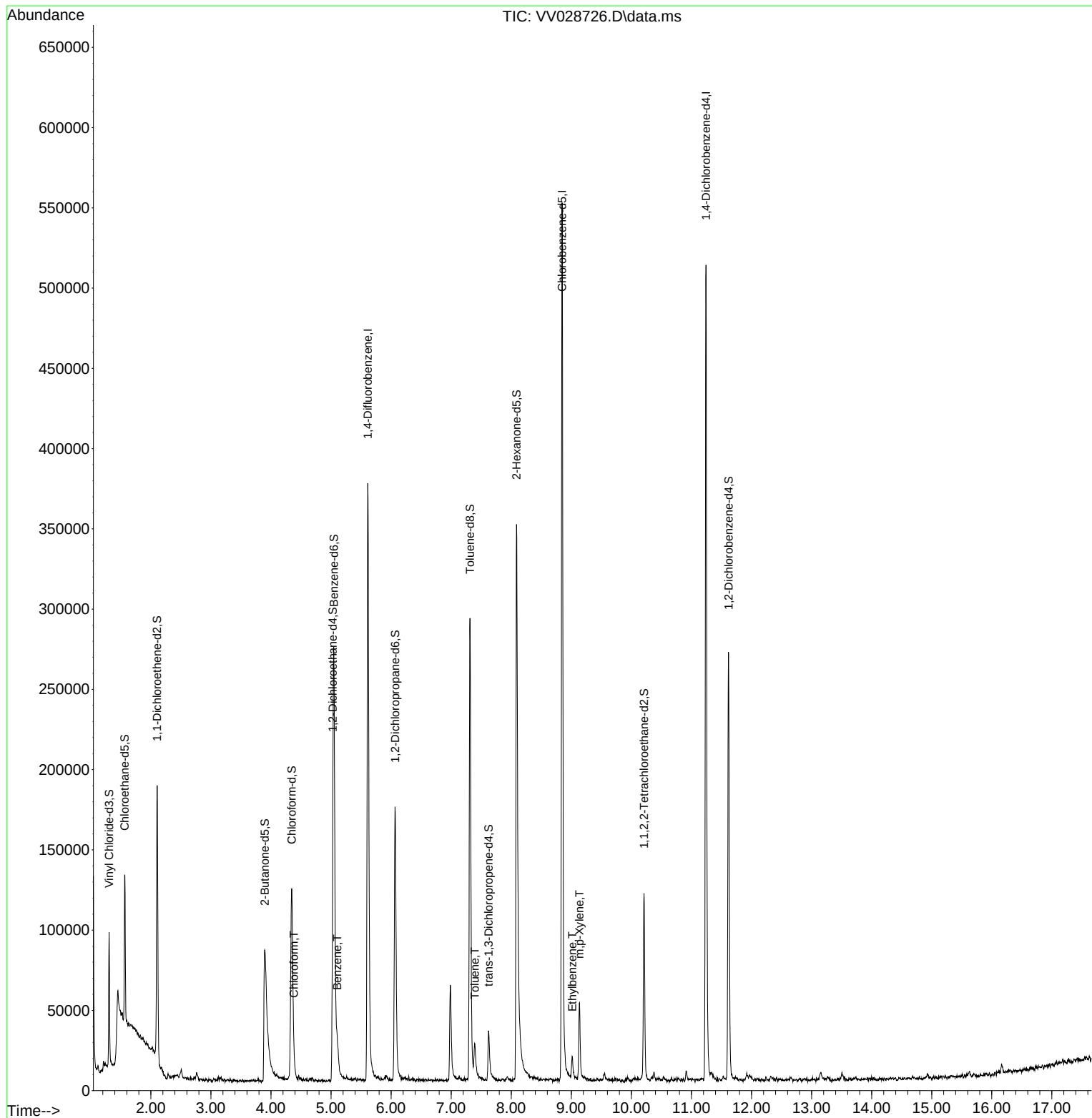
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	304583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57842	2.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.565	69	59619	3.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.105	63	93142	2.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.400%#
20) 2-Butanone-d5	3.896	46	201675	41.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.500%
24) Chloroform-d	4.346	84	121498	3.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
26) 1,2-Dichloroethane-d4	5.031	65	64304	3.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
32) Benzene-d6	5.047	84	234572	3.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.800%#
36) 1,2-Dichloropropane-d6	6.066	67	84026	3.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.200%
41) Toluene-d8	7.314	98	191979	3.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.622	79	19513	2.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.200%#
46) 2-Hexanone-d5	8.088	63	136259	39.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	55003	3.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	65461	3.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						
					Qvalue	
25) Chloroform	4.381	83	7964	0.201	ug/L	85
33) Benzene	5.101	78	23500	0.282	ug/L	100
42) Toluene	7.394	91	16388	0.207	ug/L	97
52) Ethylbenzene	9.014	91	10615	0.121	ug/L	100
53) m,p-Xylene	9.137	106	13144	0.414	ug/L	95

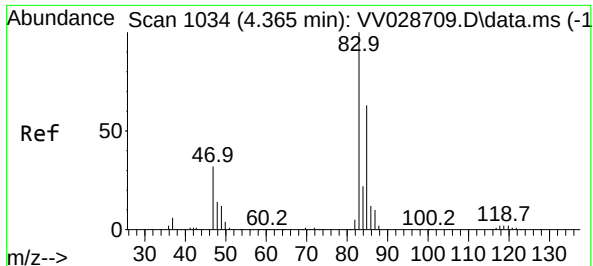
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#25

Chloroform

Concen: 0.201 ug/L

RT: 4.381 min Scan# 1034

Delta R.T. 0.016 min

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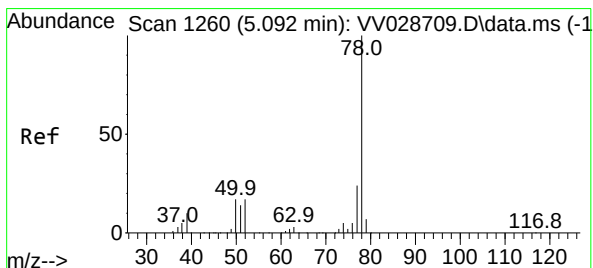
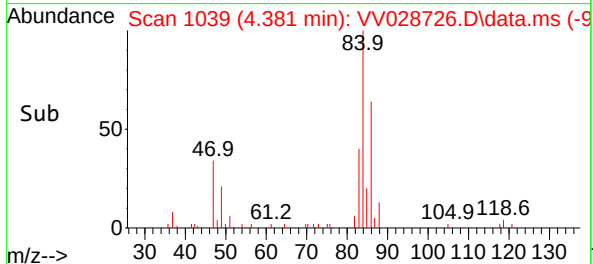
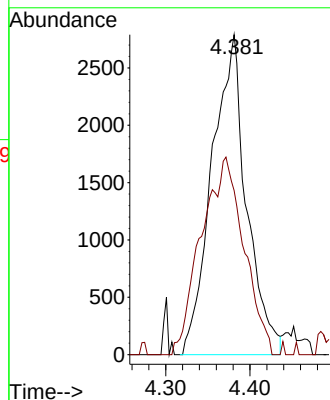
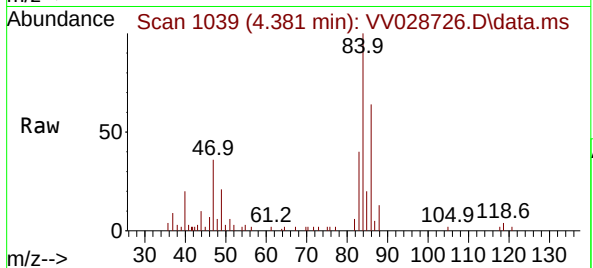
BHAC6

Tgt Ion: 83 Resp: 7964

Ion Ratio Lower Upper

83 100

85 51.3 44.1 81.9



#33

Benzene

Concen: 0.282 ug/L

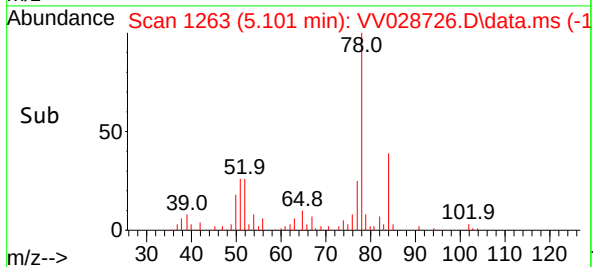
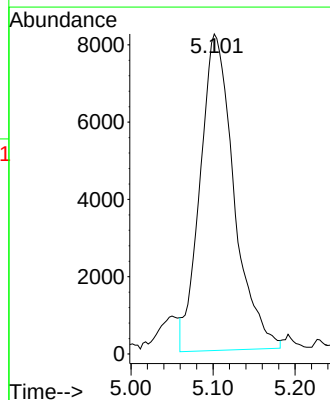
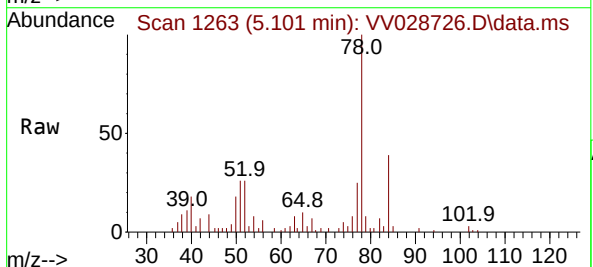
RT: 5.101 min Scan# 1263

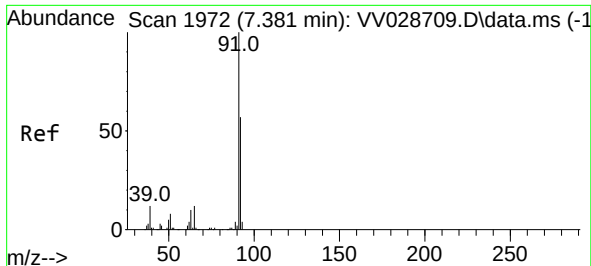
Delta R.T. 0.010 min

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Tgt Ion: 78 Resp: 23500





#42

Toluene

Concen: 0.207 ug/L

RT: 7.394 min Scan# 1972

Delta R.T. 0.013 min

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ClientSampleId :

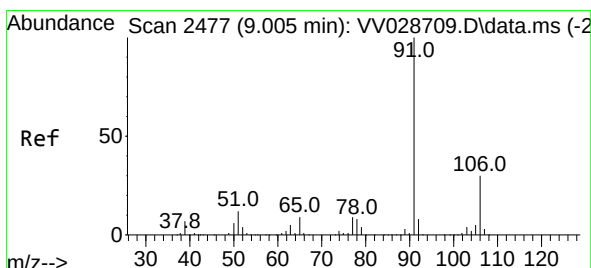
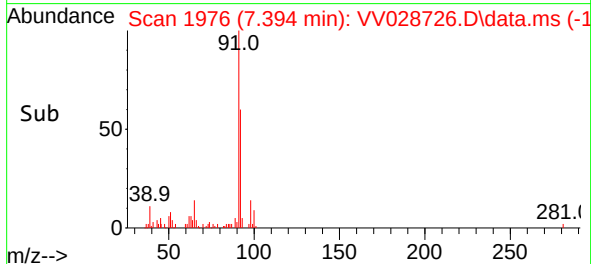
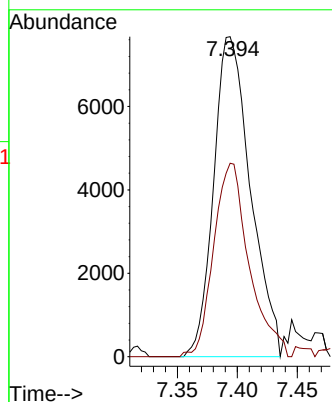
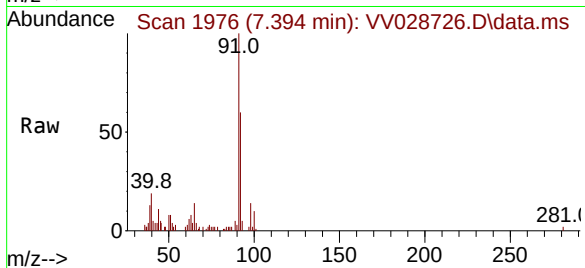
BHAC6

Tgt Ion: 91 Resp: 16388

Ion Ratio Lower Upper

91 100

92 60.5 40.5 75.3



#52

Ethylbenzene

Concen: 0.121 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.010 min

Lab File: VV028726.D

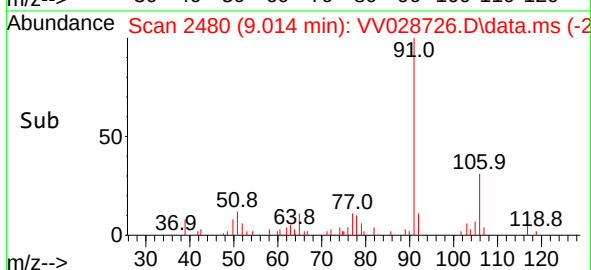
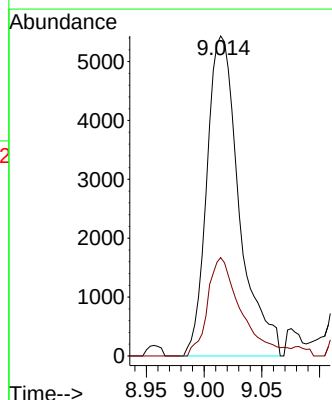
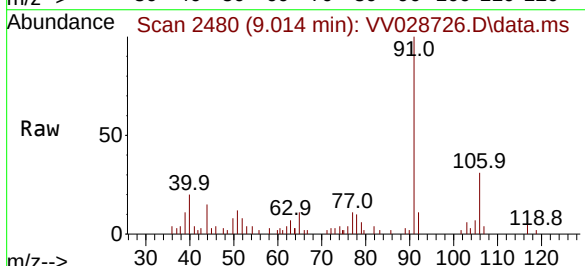
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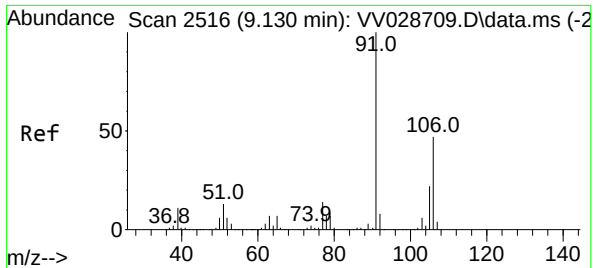
Tgt Ion: 91 Resp: 10615

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.6





#53
 m,p-Xylene
 Concen: 0.414 ug/L
 RT: 9.137 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV028726.D
 Acq: 27 Oct 2022 18:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC6

Tgt Ion:106 Resp: 13144
 Ion Ratio Lower Upper
 106 100
 91 215.6 145.5 270.1

