

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028645.D
 Acq On : 20 Oct 2022 19:24
 Operator : SY/MD
 Sample : N5216-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA83

Quant Time: Oct 21 01:13:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

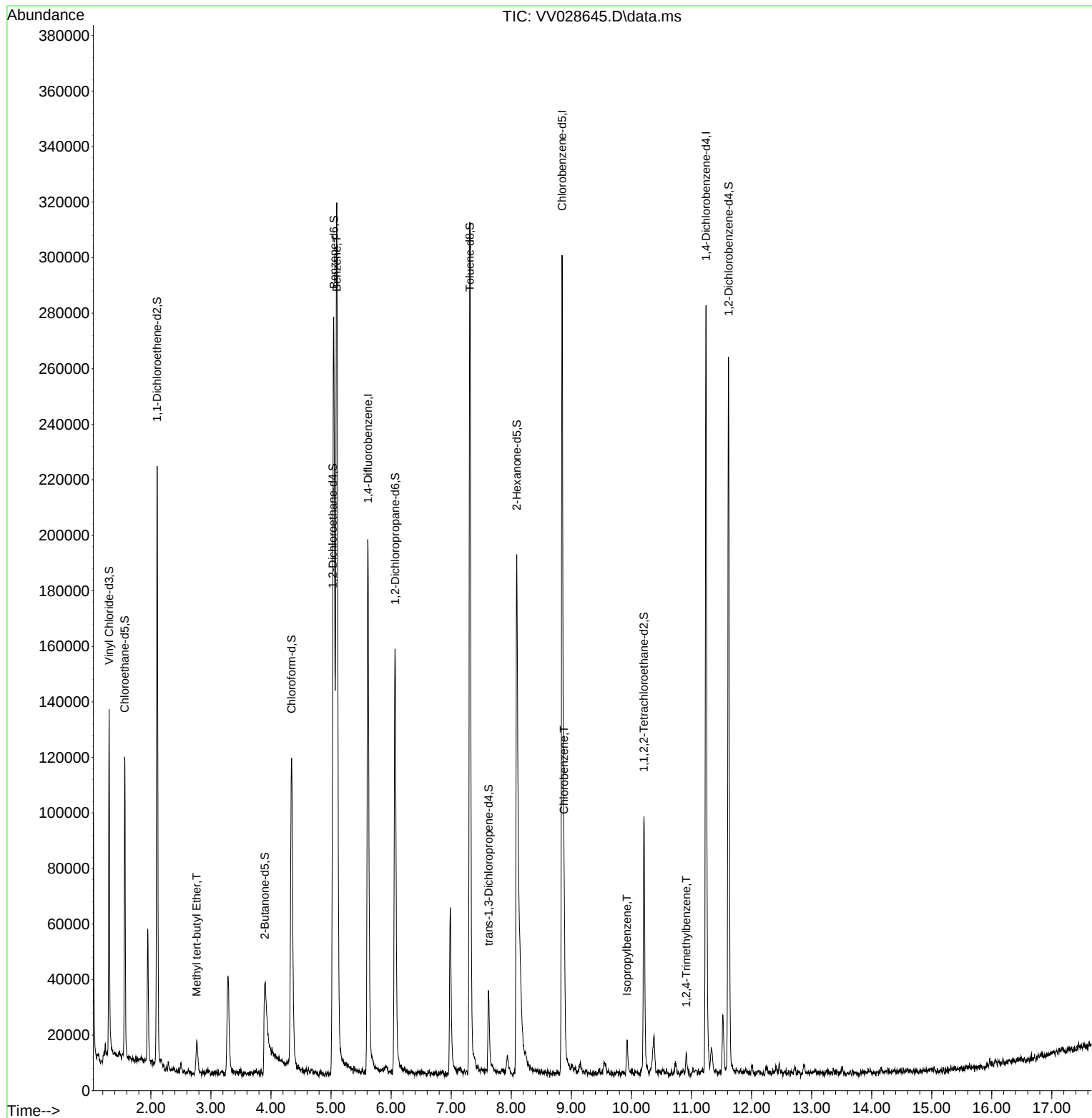
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	158336	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	151234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	65691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84789	5.409	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.200%
7) Chloroethane-d5	1.564	69	69633	5.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.105	63	118013	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.896	46	82108	27.829	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.660%
24) Chloroform-d	4.342	84	114690	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.027	65	54140	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.047	84	241267	3.667	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.066	67	77800	3.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.310	98	199484	4.192	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	18981	3.789	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.091	63	95978	46.150	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46653	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	62315	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.764	73	11229	0.402	ug/L #	91
33) Benzene	5.095	78	307891	4.340	ug/L	100
51) Chlorobenzene	8.879	112	34676	1.009	ug/L	96
60) Isopropylbenzene	9.927	105	7634	0.139	ug/L #	93
63) 1,2,4-Trimethylbenzene	10.911	105	3856	0.091	ug/L	98

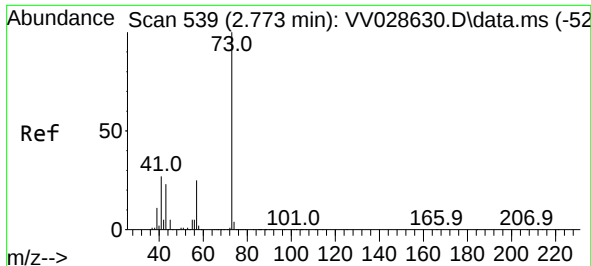
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.402 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.010 min

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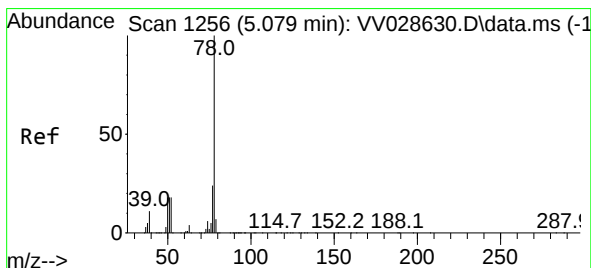
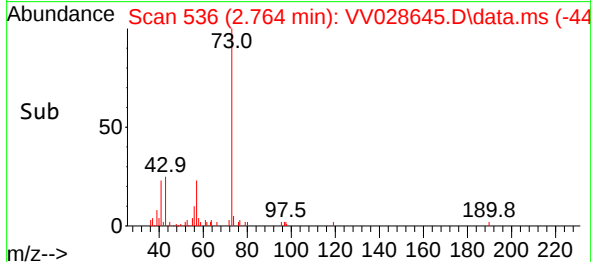
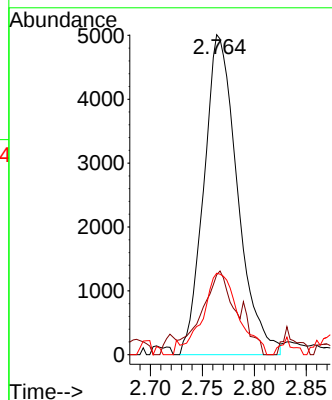
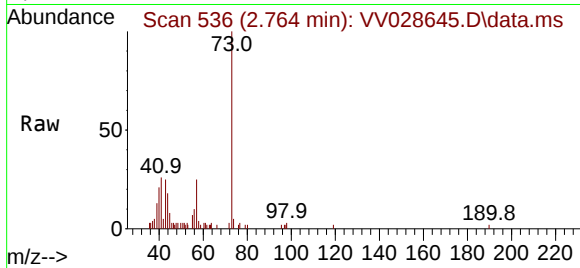
Tgt Ion: 73 Resp: 11229

Ion Ratio Lower Upper

73 100

43 16.2 18.0 27.0#

57 27.4 20.0 30.0



#33

Benzene

Concen: 4.340 ug/L

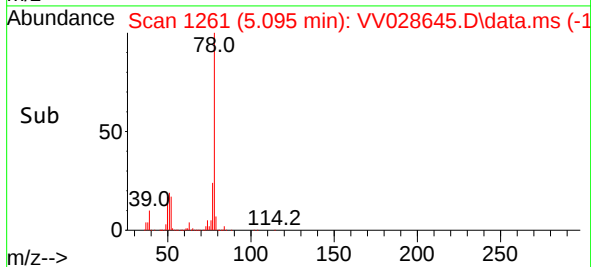
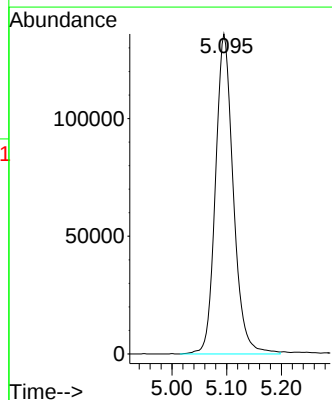
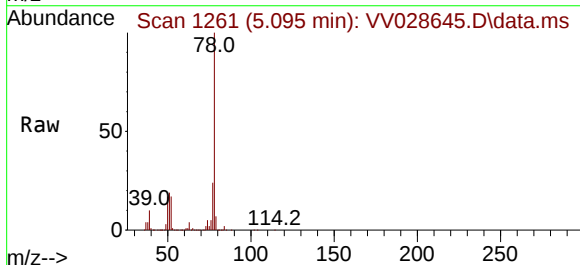
RT: 5.095 min Scan# 1261

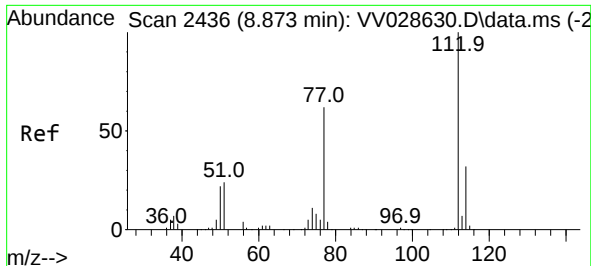
Delta R.T. 0.016 min

Lab File: VV028645.D

Acq: 20 Oct 2022 19:24

Tgt Ion: 78 Resp: 307891

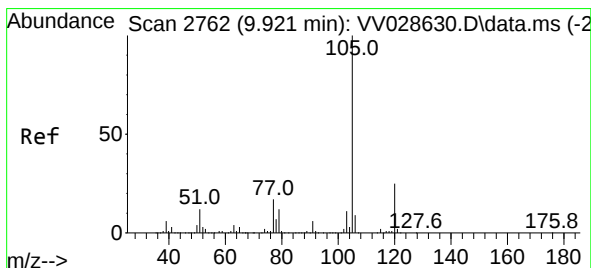
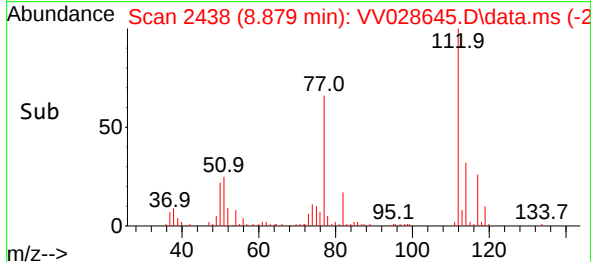
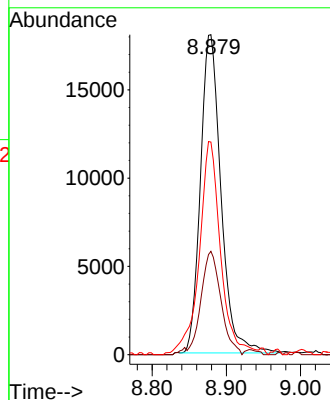
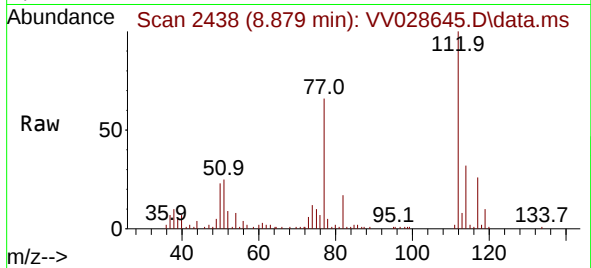




#51
Chlorobenzene
Concen: 1.009 ug/L
RT: 8.879 min Scan# 2436
Delta R.T. 0.006 min
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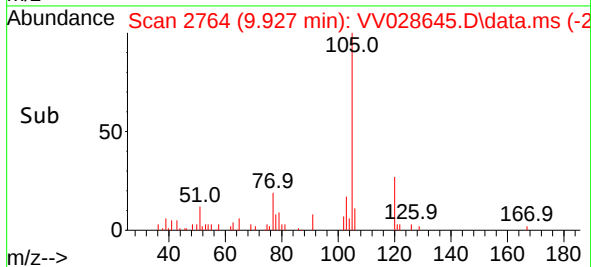
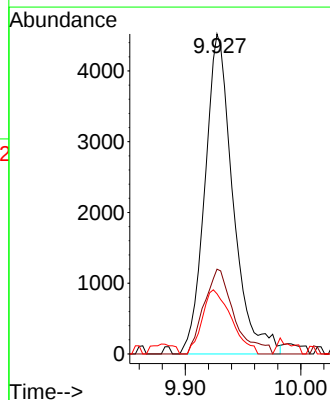
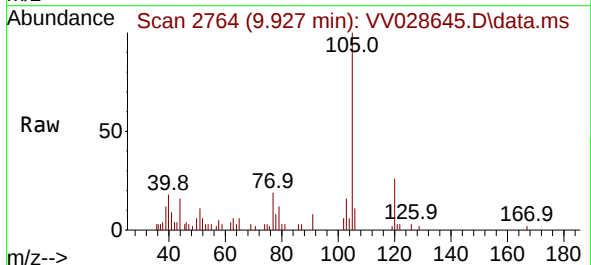
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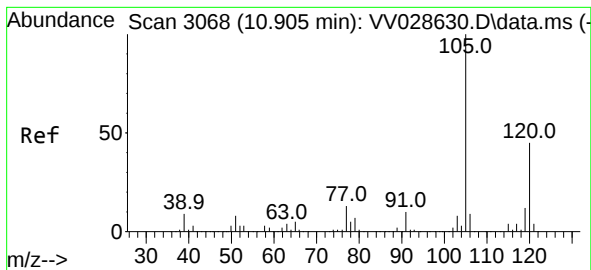
Tgt Ion:112 Resp: 34676
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 66.5 50.0 75.0



#60
Isopropylbenzene
Concen: 0.139 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.006 min
Lab File: VV028645.D
Acq: 20 Oct 2022 19:24

Tgt Ion:105 Resp: 7634
Ion Ratio Lower Upper
105 100
120 28.2 20.1 30.1
77 20.7 13.4 20.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.091 ug/L
 RT: 10.911 min Scan# 3068
 Delta R.T. 0.006 min
 Lab File: VV028645.D
 Acq: 20 Oct 2022 19:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA83

Tgt Ion:105 Resp: 3856
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.2 54.2

