

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027162.D
 Acq On : 02 Aug 2022 10:15
 Operator : SY/MD
 Sample : N3956-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF03

Quant Time: Aug 03 01:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 04:33:39 2022
 Response via : Initial Calibration

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

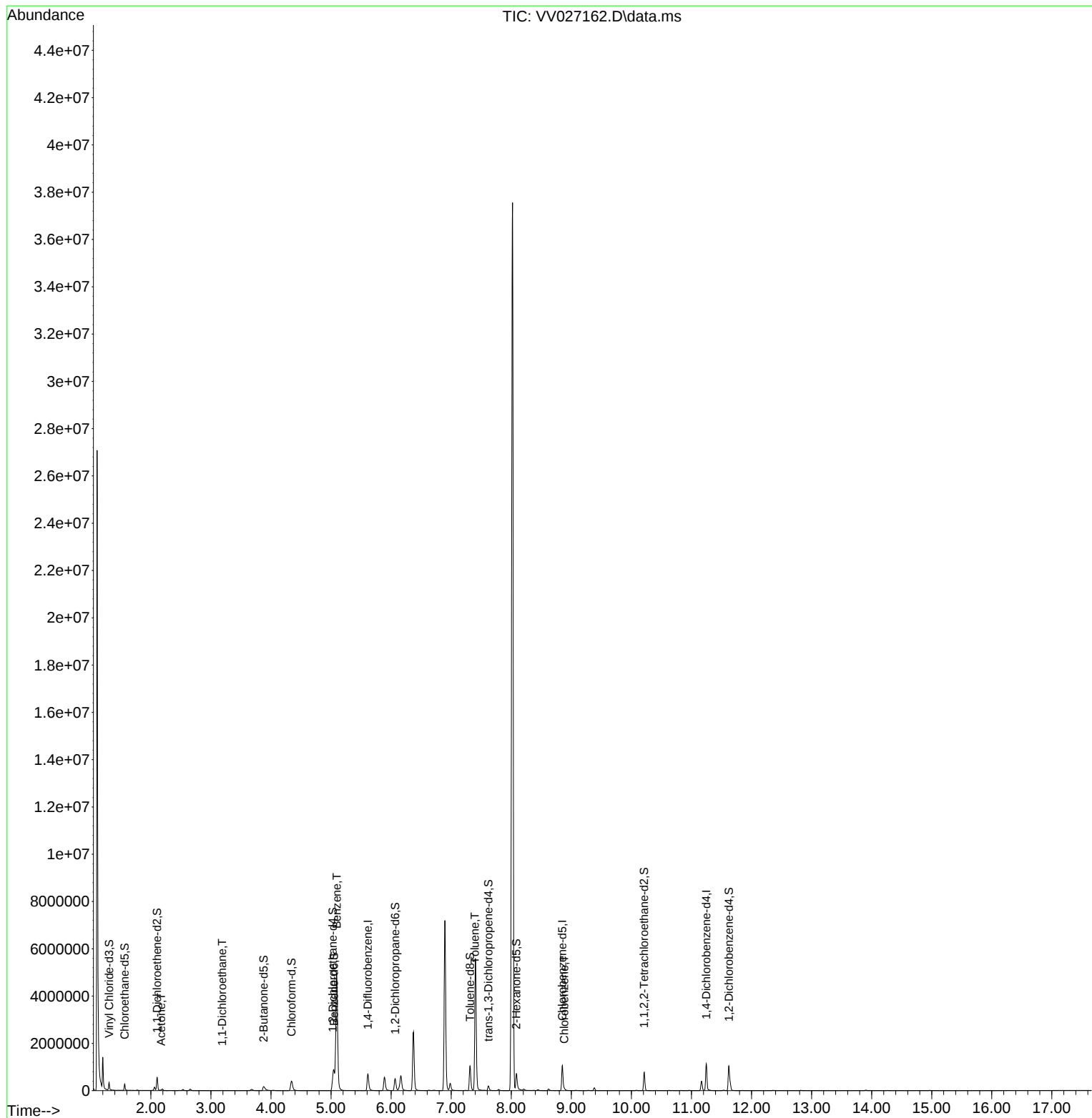
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	646048	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	601313	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	306412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	223336	53.341	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.680%		
7) Chloroethane-d5	1.564	69	176586	56.360	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 112.720%		
11) 1,1-Dichloroethene-d2	2.105	63	284364	35.666	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 71.340%		
21) 2-Butanone-d5	3.876	46	296967	107.730	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 107.730%		
24) Chloroform-d	4.343	84	403567	47.684	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 95.360%		
26) 1,2-Dichloroethane-d4	5.027	65	240827	50.154	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.300%		
32) Benzene-d6	5.047	84	821831	51.650	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.300%		
36) 1,2-Dichloropropane-d6	6.066	67	265449	53.929	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 107.860%		
41) Toluene-d8	7.313	98	718579	50.094	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.180%		
43) trans-1,3-Dichloroprop...	7.619	79	117759	54.511	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 109.020%		
47) 2-Hexanone-d5	8.085	63	264933	139.418	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 139.420%#		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	376649	51.191	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 102.380%		
66) 1,2-Dichlorobenzene-d4	11.622	152	271383	50.396	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.800%		
Target Compounds					Qvalue	
13) Acetone	2.172	43	12851	5.521	ug/L	100
19) 1,1-Dichloroethane	3.188	63	8146	0.933	ug/L	98
33) Benzene	5.095	78	5305073	287.654	ug/L	100
42) Toluene	7.394	91	25931	1.363	ug/L	98
51) Chlorobenzene	8.883	112	49719	3.776	ug/L	99

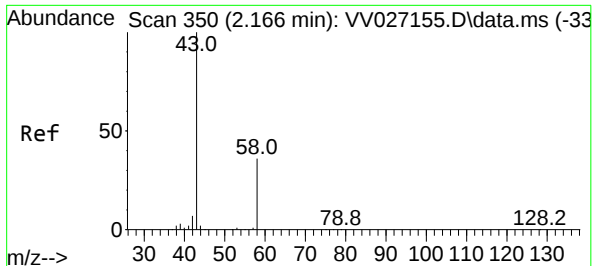
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.521 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV027162.D

Acq: 02 Aug 2022 10:15

Instrument :

MSVOA_V

ClientSampleId :

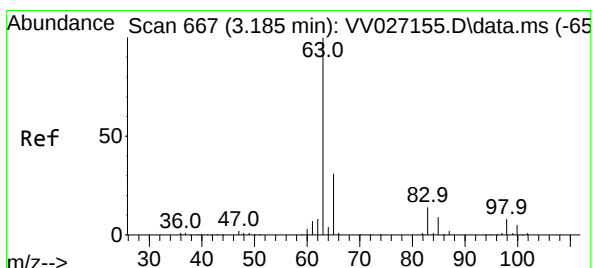
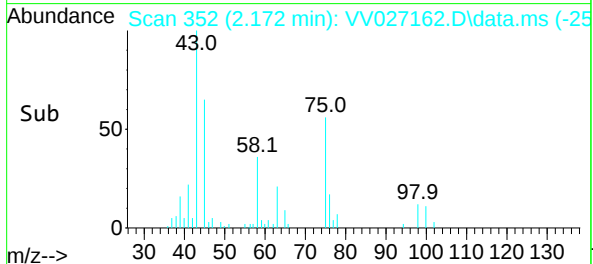
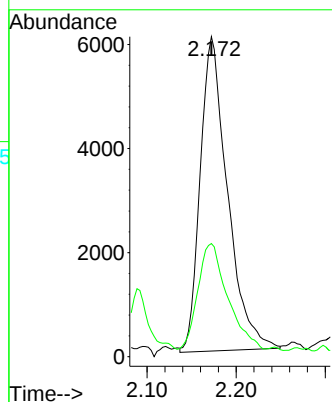
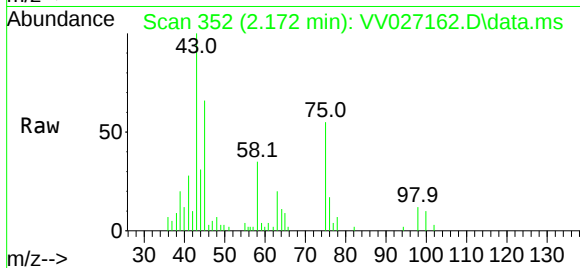
EXF03

Tgt Ion: 43 Resp: 12851

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.6



#19

1,1-Dichloroethane

Concen: 0.933 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV027162.D

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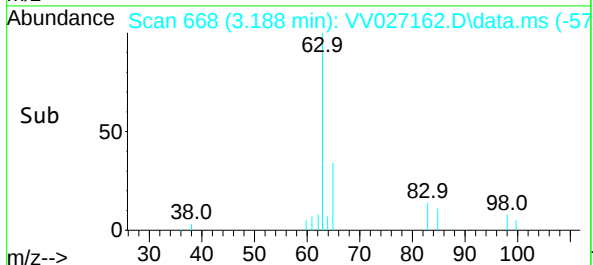
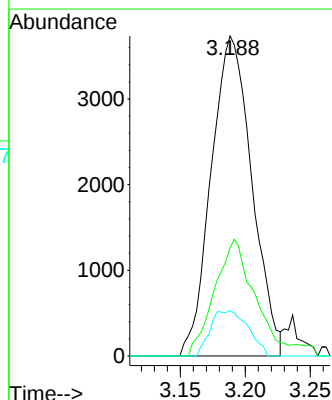
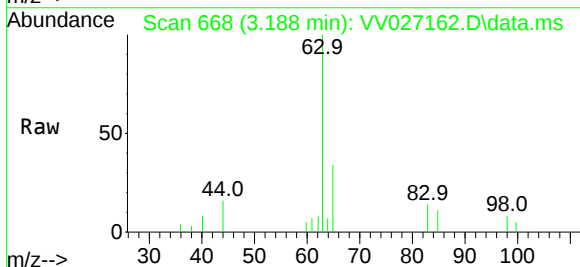
Tgt Ion: 63 Resp: 8146

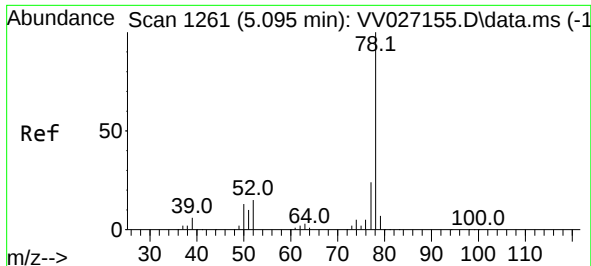
Ion Ratio Lower Upper

63 100

65 33.8 22.9 42.5

83 14.1 9.7 17.9

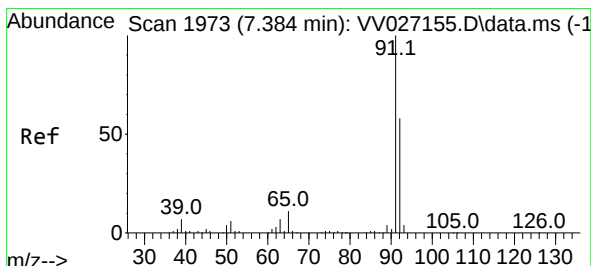
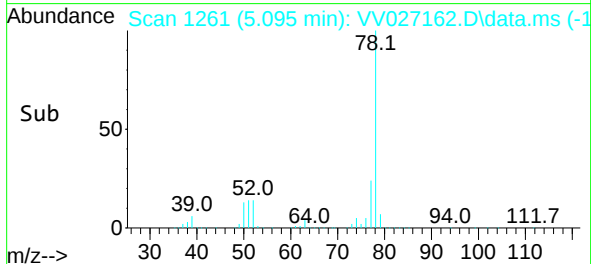
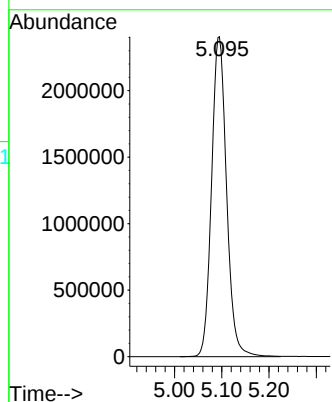
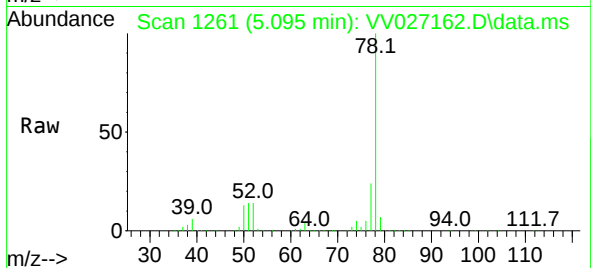




#33
Benzene
Concen: 287.654 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027162.D
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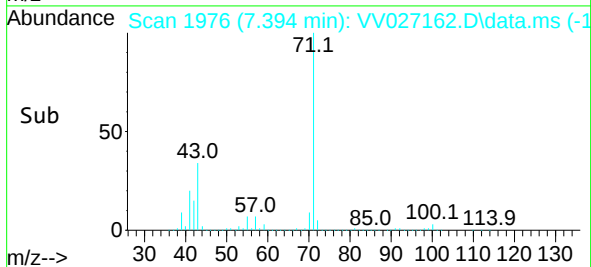
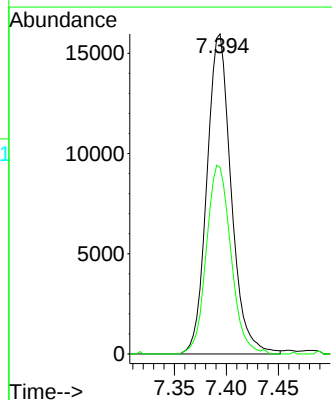
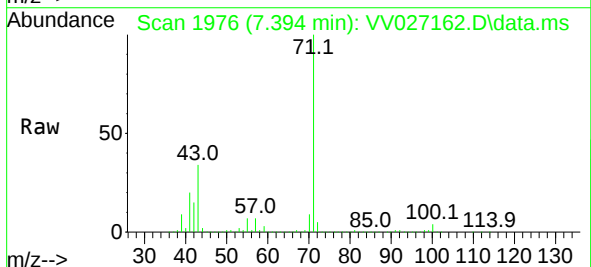
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EXF03

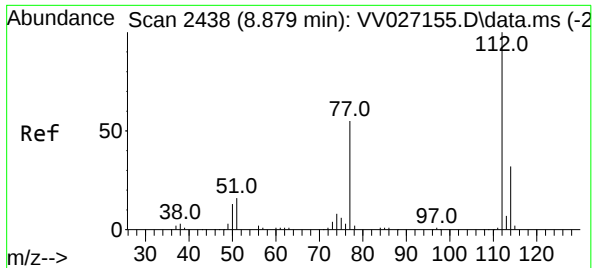
Tgt Ion: 78 Resp: 5305073



#42
Toluene
Concen: 1.363 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV027162.D
Acq: 02 Aug 2022 10:15

Tgt Ion: 91 Resp: 25931
Ion Ratio Lower Upper
91 100
92 58.3 41.6 77.3





#51
 Chlorobenzene
 Concen: 3.776 ug/L
 RT: 8.883 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VV027162.D
 Acq: 02 Aug 2022 10:15

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF03

Tgt Ion:	112	Resp:	49719
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	57.2	44.9	67.3

