

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024018.D
 Acq On : 16 Dec 2021 17:14
 Operator : SY/MD
 Sample : M5090-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E2

Quant Time: Dec 17 02:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

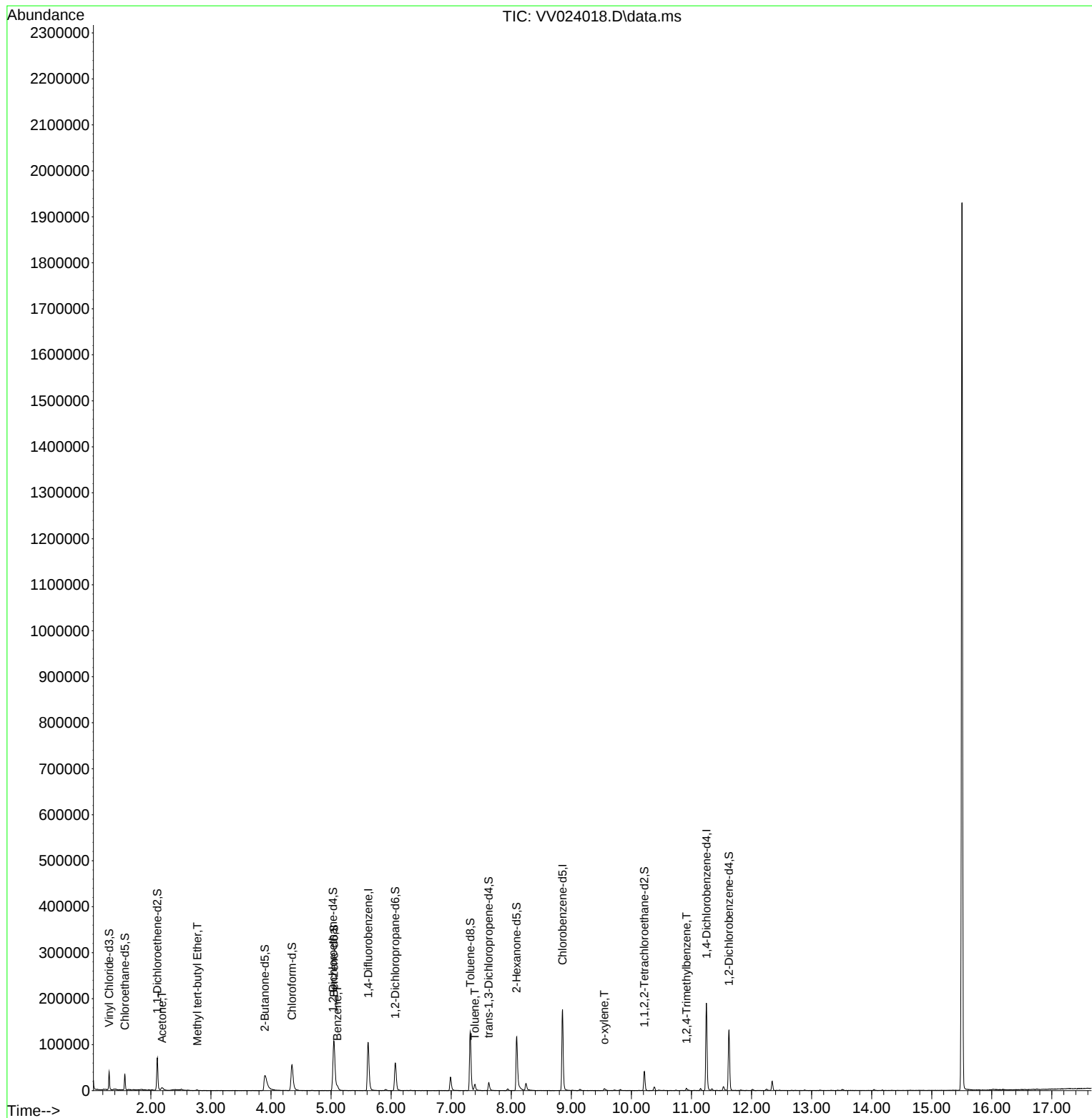
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23101	4.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.568	69	19691	4.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.108	63	35557	3.581	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.896	46	51145	51.470	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.940%	
24) Chloroform-d	4.349	84	51024	4.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.034	65	25703	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.050	84	95532	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.069	67	28018	4.764	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.317	98	86776	4.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	7.625	79	10031	4.111	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.088	63	39458	36.127	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19021	3.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	34726	5.046	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						
13) Acetone	2.185	43	10899	13.710	ug/L	71
17) Methyl tert-butyl Ether	2.773	73	1081	0.075	ug/L #	83
33) Benzene	5.101	78	9867	0.354	ug/L	100
42) Toluene	7.394	91	10413	0.332	ug/L	98
54) o-xylene	9.548	106	1116	0.088	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	3318	0.133	ug/L	86

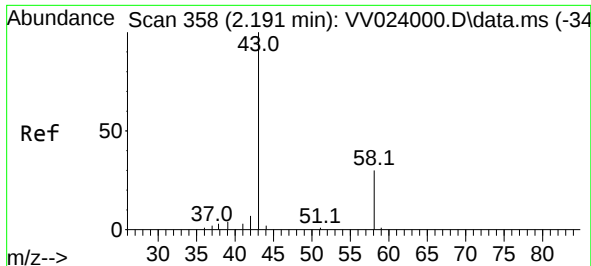
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.710 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV024018.D

Acq: 16 Dec 2021 17:14

Instrument :

MSVOA_V

ClientSampleId :

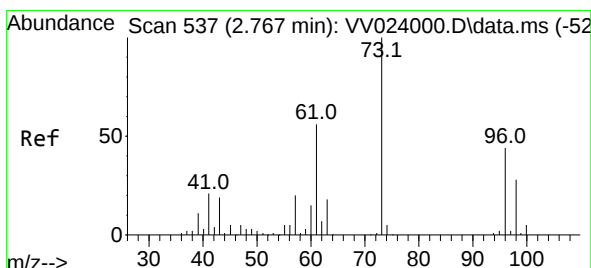
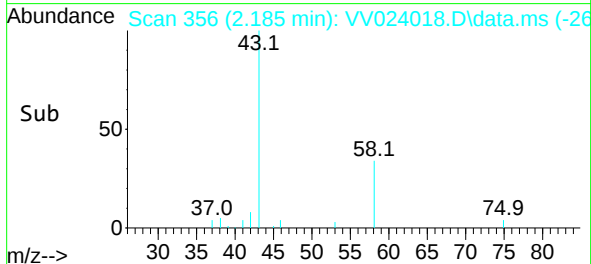
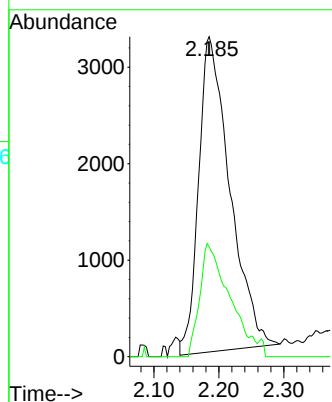
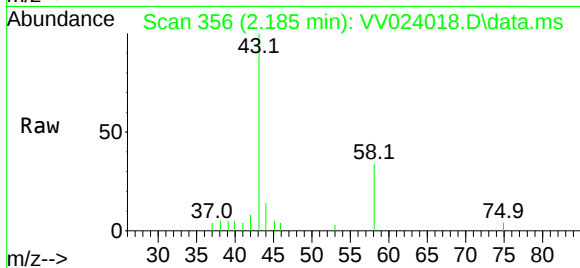
BG3E2

Tgt Ion: 43 Resp: 10899

Ion Ratio Lower Upper

43 100

58 34.1 0.0 41.4



#17

Methyl tert-butyl Ether

Concen: 0.075 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.006 min

Lab File: VV024018.D

Acq: 16 Dec 2021 17:14

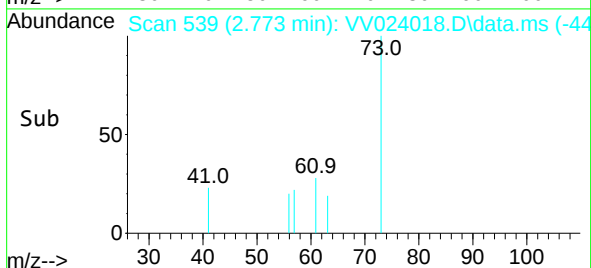
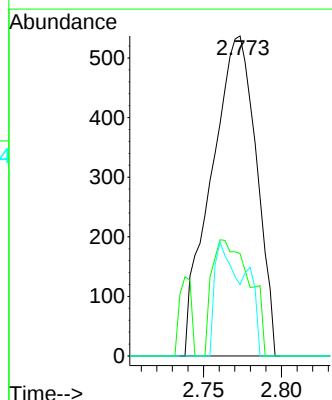
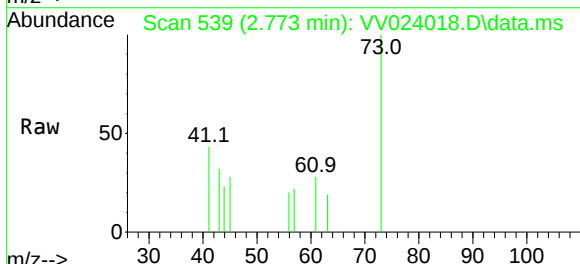
Tgt Ion: 73 Resp: 1081

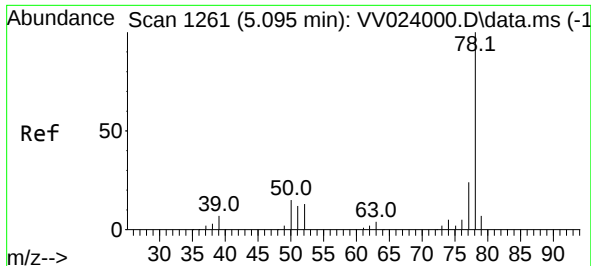
Ion Ratio Lower Upper

73 100

43 30.3 15.5 23.3#

57 16.4 17.1 25.7#

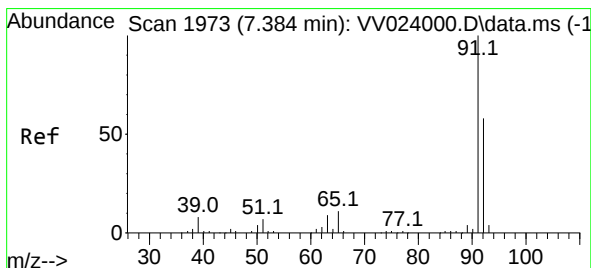
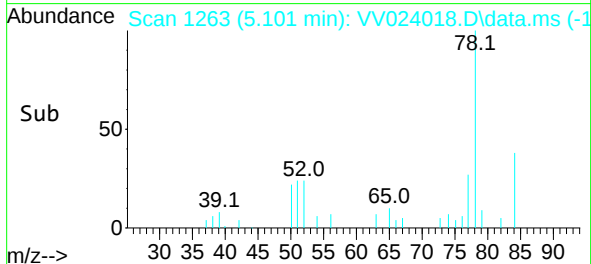
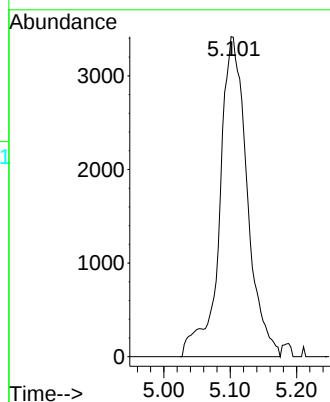
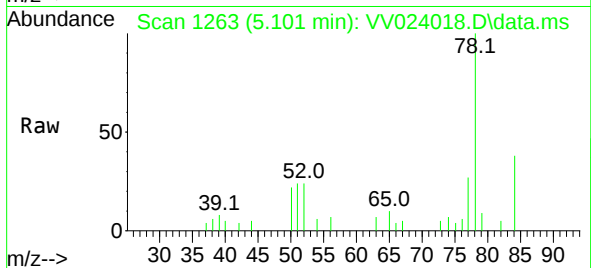




#33
Benzene
Concen: 0.354 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024018.D
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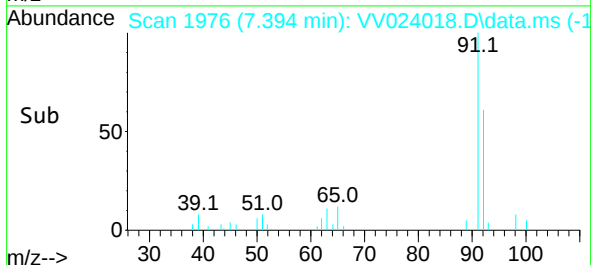
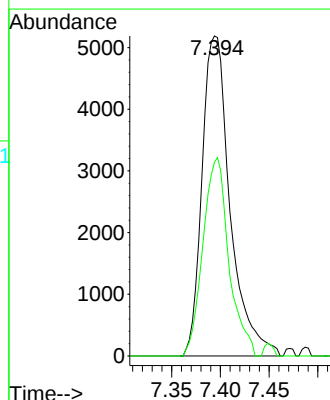
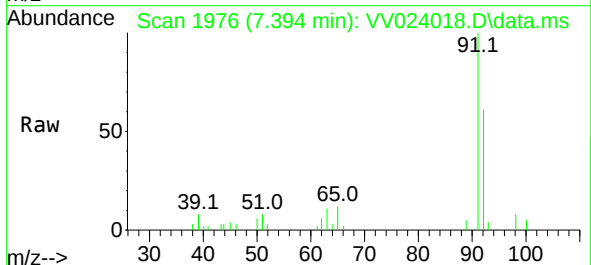
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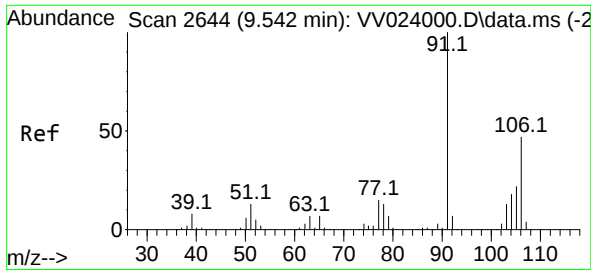
Tgt Ion: 78 Resp: 9867



#42
Toluene
Concen: 0.332 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Tgt Ion: 91 Resp: 10413
Ion Ratio Lower Upper
91 100
92 60.6 41.5 77.1

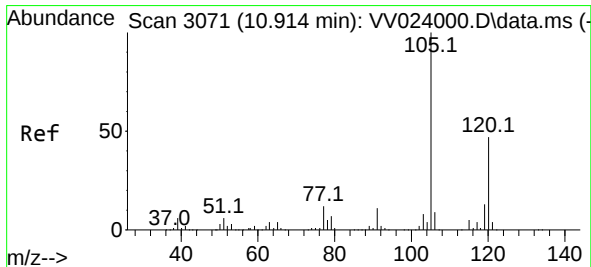
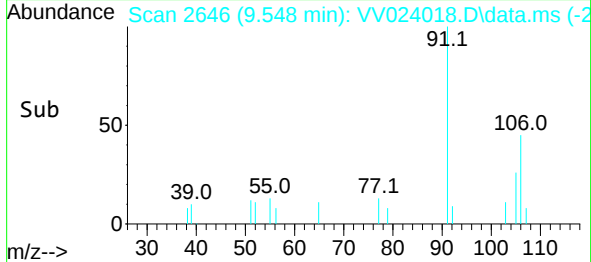
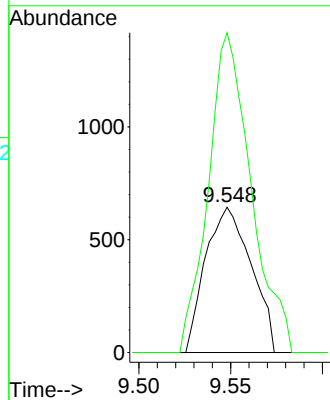
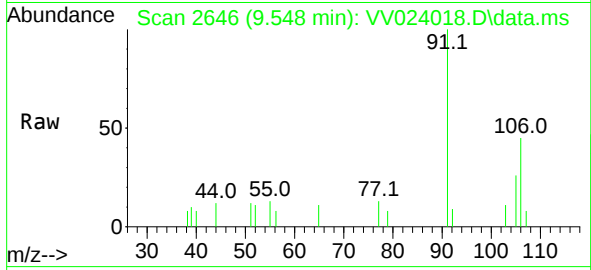




#54
o-xylene
Concen: 0.088 ug/L
RT: 9.548 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Instrument :
MSVOA_V
ClientSampleId :
BG3E2

Tgt Ion:106 Resp: 1116
Ion Ratio Lower Upper
106 100
91 220.2 147.9 274.7



#63
1,2,4-Trimethylbenzene
Concen: 0.133 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Tgt Ion:105 Resp: 3318
Ion Ratio Lower Upper
105 100
120 36.9 36.7 55.1

