

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
 Data File : VV030234.D
 Acq On : 17 Mar 2023 13:06
 Operator : SY/MD
 Sample : 01947-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB931

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 17 22:58:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	129030	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32500	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.539	69	31129	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.066	63	53133	3.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.822	46	79946	51.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	4.262	84	72080	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.957	65	36557	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.973	84	131611	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	5.998	67	42594	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.252	98	116595	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.561	79	14513	4.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.037	63	63132	44.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31645	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	50362	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
13) Acetone	2.150	43	5357m	4.709	ug/L	
17) Methyl tert-butyl Ether	2.712	73	74864	4.421	ug/L #	91
35) Methylcyclohexane	6.066	83	2037	0.141	ug/L #	60
42) Toluene	7.330	91	5461	0.148	ug/L	89
51) Chlorobenzene	8.825	112	44059	1.767	ug/L	96

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

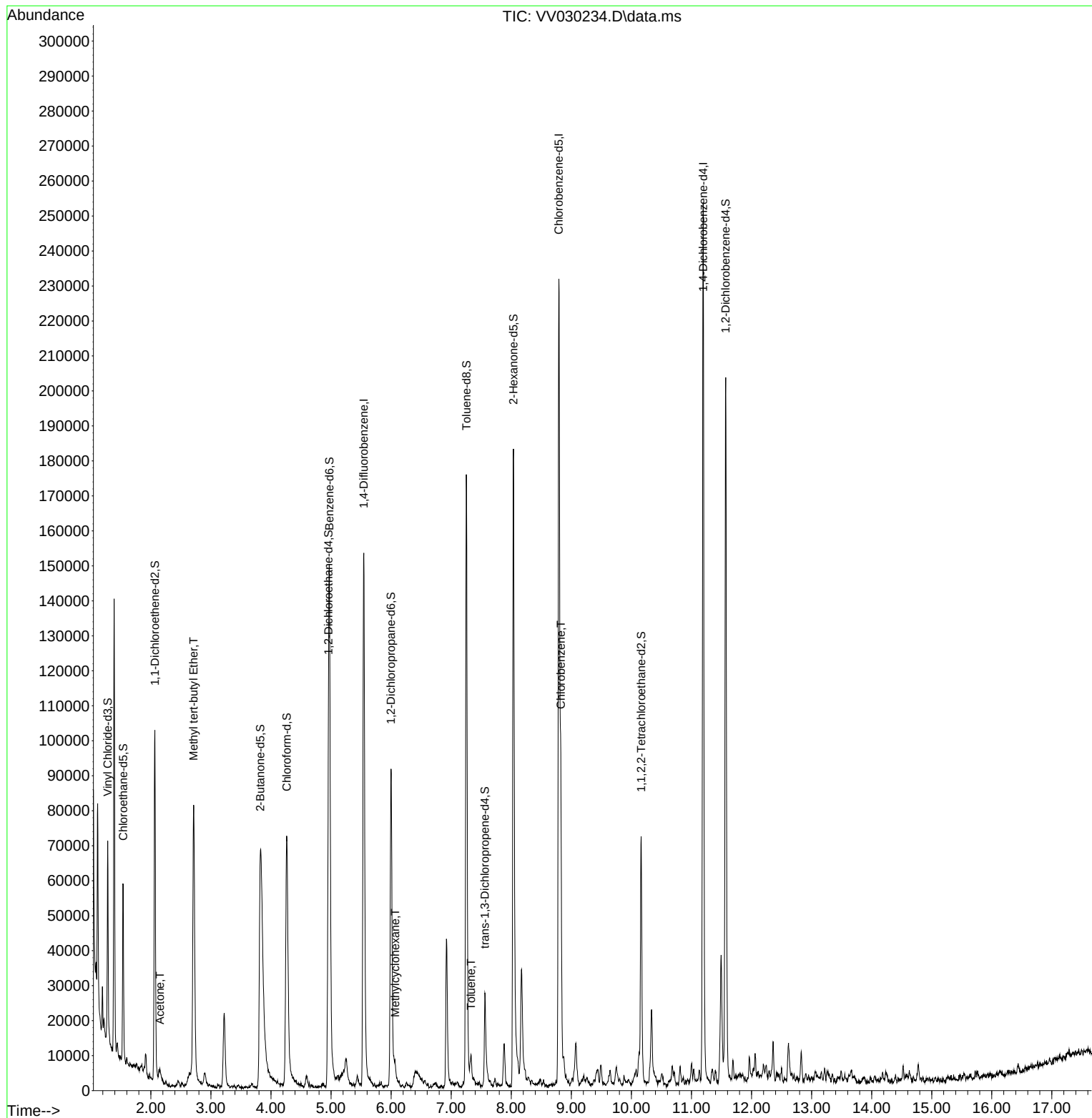
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
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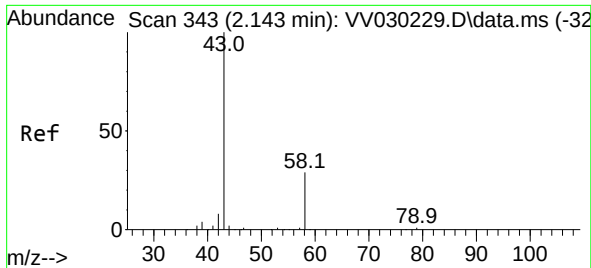
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#13

Acetone

Concen: 4.709 ug/L m

RT: 2.150 min Scan# 34

Delta R.T. 0.007 min

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Acq: 17 Mar 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :

CB931

Tgt Ion: 43 Resp: 535

Ion Ratio Lower Upper

43 100

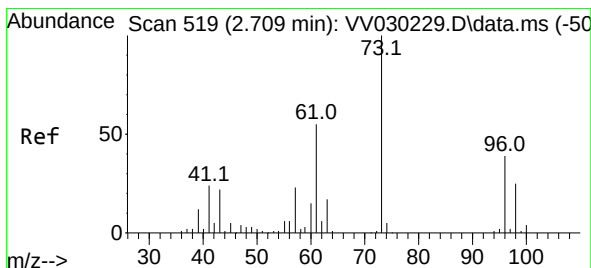
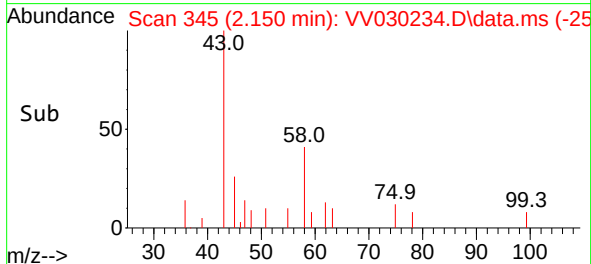
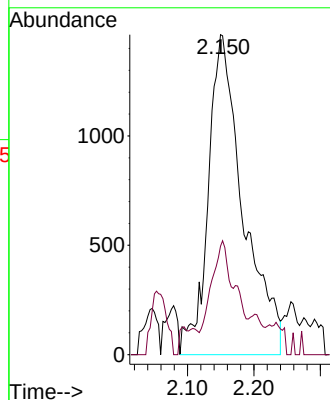
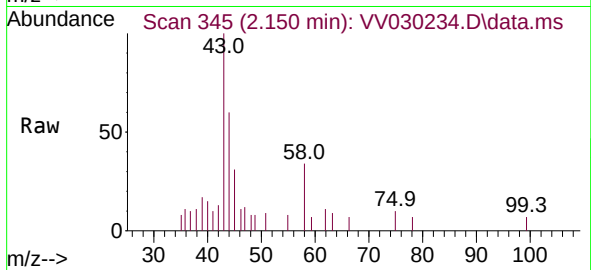
58 13.8 0.0 29.4

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#17

Methyl tert-butyl Ether

Concen: 4.421 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

Lab File: VV030234.D

Acq: 17 Mar 2023 13:06

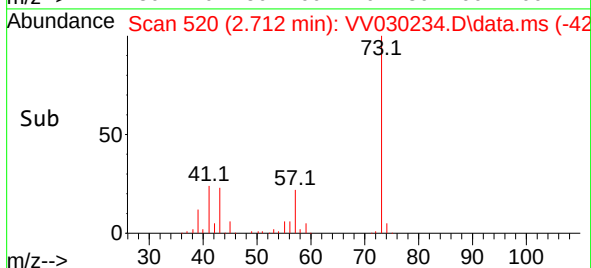
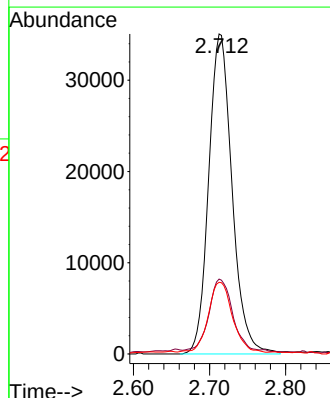
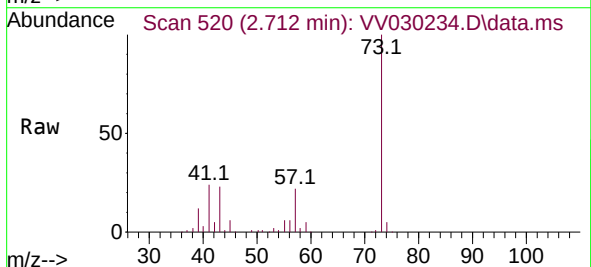
Tgt Ion: 73 Resp: 74864

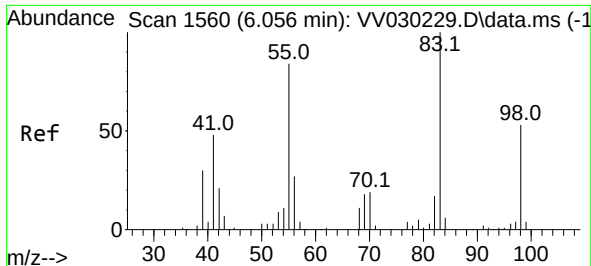
Ion Ratio Lower Upper

73 100

43 23.8 13.4 20.2#

57 22.5 16.8 25.2





#35

Methylcyclohexane

Concen: 0.141 ug/L

RT: 6.066 min Scan# 1560

Delta R.T. 0.010 min

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Instrument :

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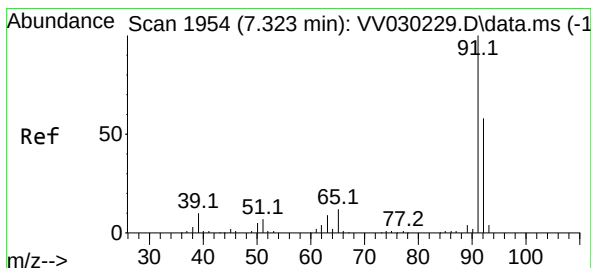
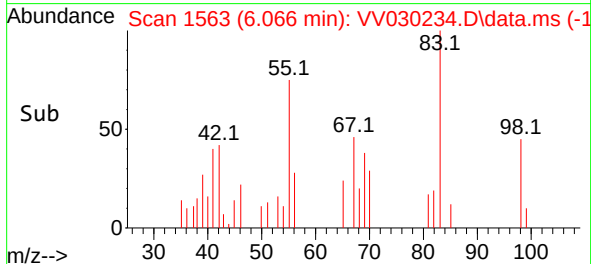
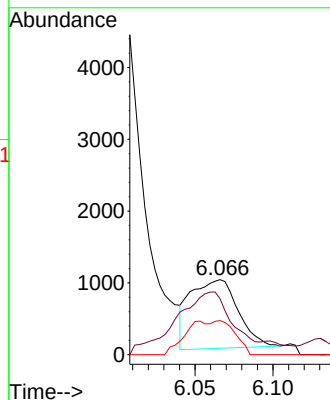
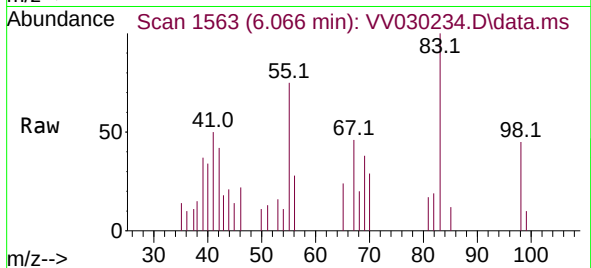
Tgt Ion: 83	Resp: 203
Ion Ratio	Lower Upper
83 100	
55 110.0	57.6 86.4
98 27.0	38.8 58.2

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#42

Toluene

Concen: 0.148 ug/L

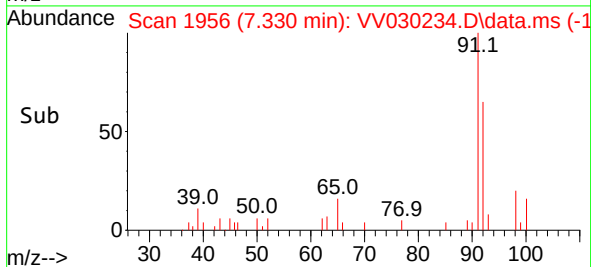
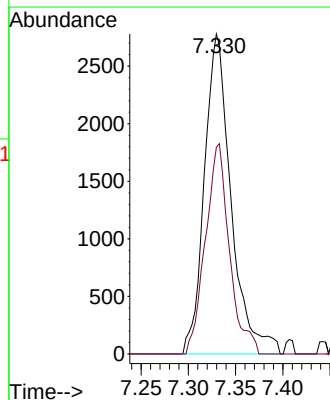
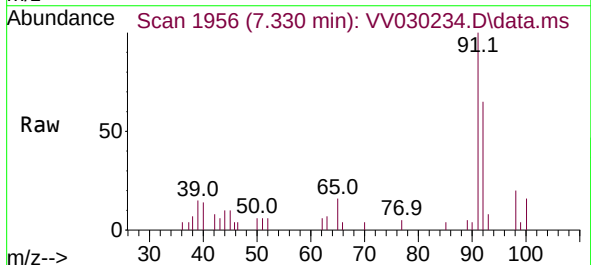
RT: 7.330 min Scan# 1956

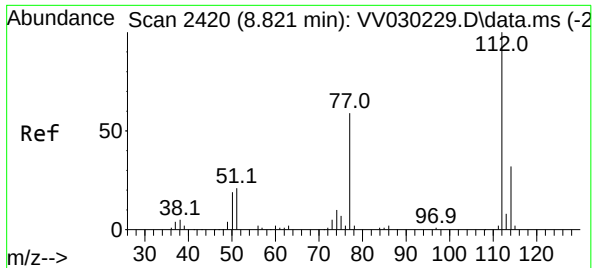
Delta R.T. 0.007 min

Lab File: VV030234.D

Acq: 17 Mar 2023 13:06

Tgt Ion: 91	Resp: 5461
Ion Ratio	Lower Upper
91 100	
92 64.6	39.6 73.6





#51
Chlorobenzene
Concen: 1.767 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
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Tgt Ion:112	Resp:	44059
Ion Ratio	Lower	Upper
112	100	
114	33.4	22.5 41.7
77	60.6	45.3 67.9

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