

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031623\
 Data File : VW030220.D
 Acq On : 16 Mar 2023 13:23
 Operator : SY/MD
 Sample : 01884-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB927

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 05:48:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	123451	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	34399	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.535	69	31776	4.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.063	63	55556	3.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.838	46	66626	45.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.480%
24) Chloroform-d	4.259	84	73302	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.956	65	35247	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.969	84	131500	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.998	67	41819	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.252	98	119386	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.561	79	14380	4.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.037	63	60078	43.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31878	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	51234	4.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
13) Acetone	2.166	43	5069m	4.657	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	1321	0.152	ug/L	91
30) Cyclohexane	4.593	56	3118	0.257	ug/L	97
33) Benzene	5.027	78	5989	0.183	ug/L	100
35) Methylcyclohexane	6.056	83	3457	0.250	ug/L #	78
42) Toluene	7.329	91	10407	0.294	ug/L	98
51) Chlorobenzene	8.821	112	362141	15.182	ug/L	98
52) Ethylbenzene	8.960	91	2167	0.056	ug/L	94
53) m,p-Xylene	9.082	106	2515	0.170	ug/L	96
54) o-Xylene	9.490	106	2287	0.162	ug/L	88
60) Isopropylbenzene	9.876	105	47086	1.144	ug/L	98
64) 1,3-Dichlorobenzene	11.130	146	1610	0.075	ug/L #	91
65) 1,4-Dichlorobenzene	11.217	146	47032	2.176	ug/L	95
67) 1,2-Dichlorobenzene	11.590	146	4539	0.240	ug/L #	83

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

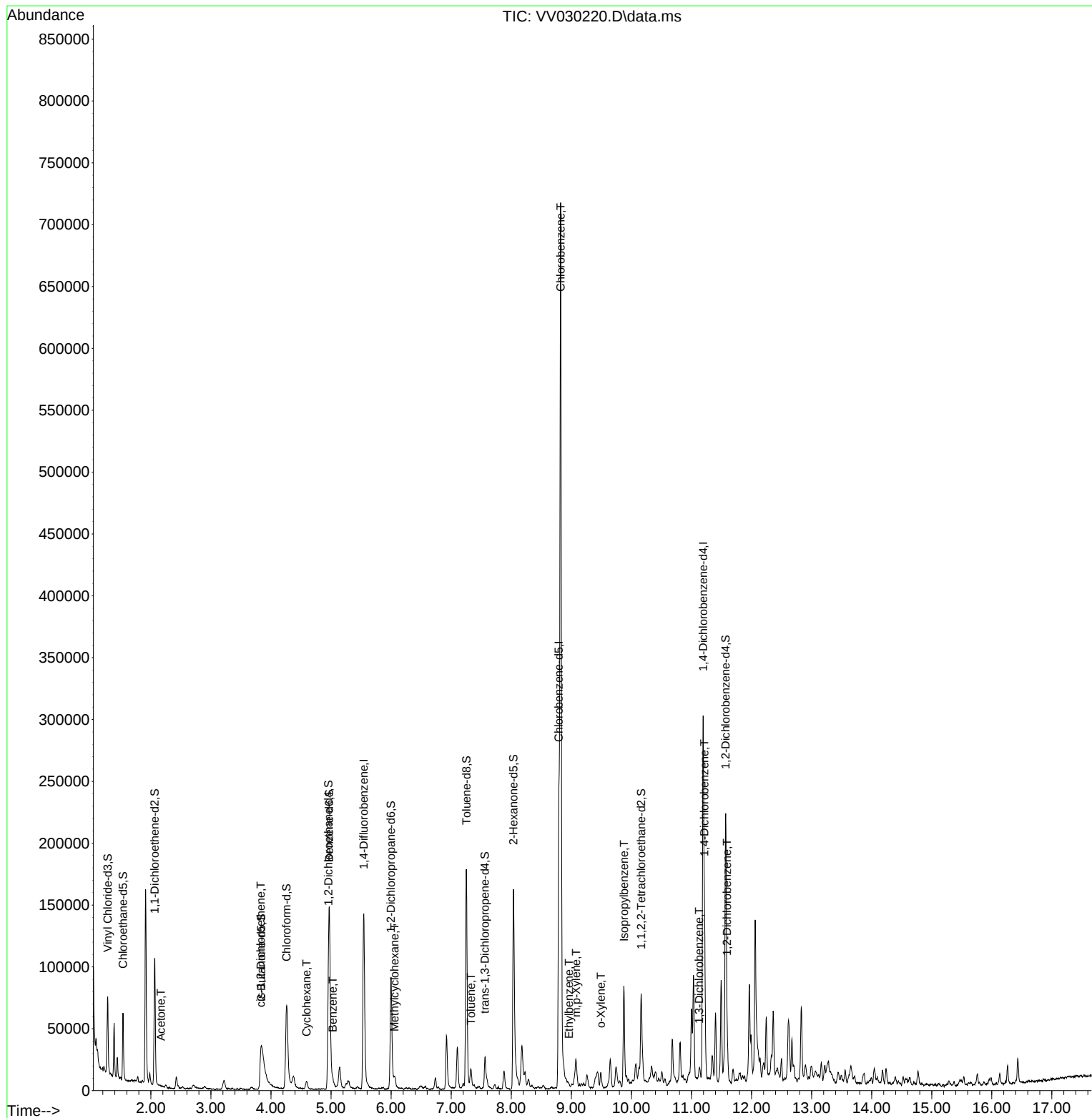
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031623\
Data File : VV030220.D
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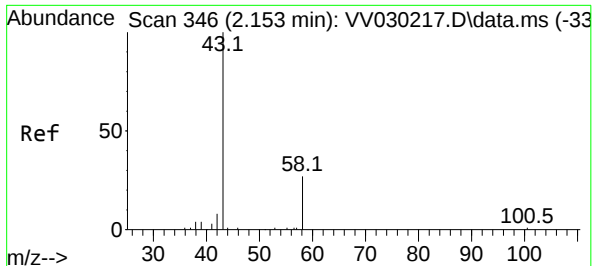
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 4.657 ug/L m

RT: 2.166 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV030220.D

Acq: 16 Mar 2023 13:23

Instrument :

MSVOA_V

ClientSampleId :

CB927

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

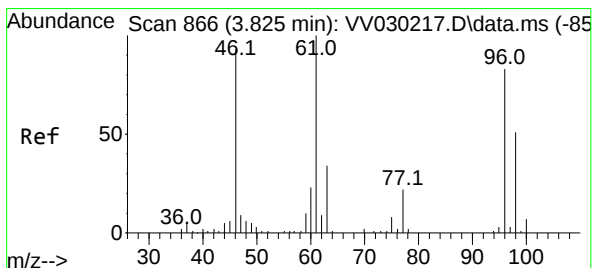
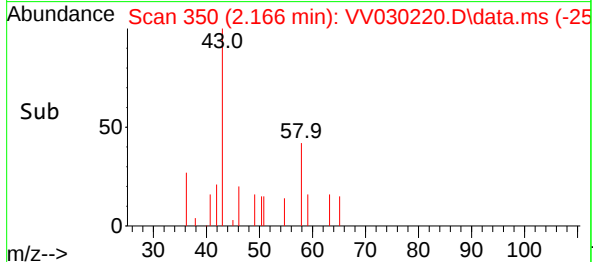
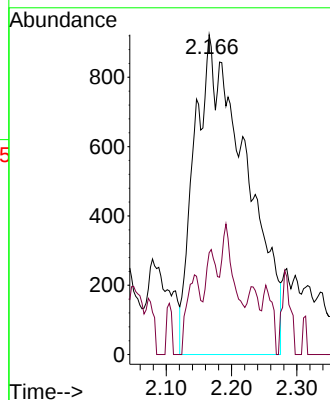
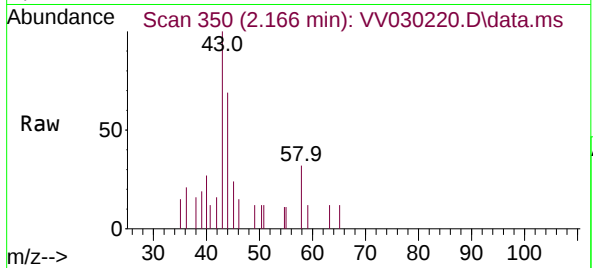
58 23.3 0.0 29.4

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#22

cis-1,2-Dichloroethene

Concen: 0.152 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030220.D

Acq: 16 Mar 2023 13:23

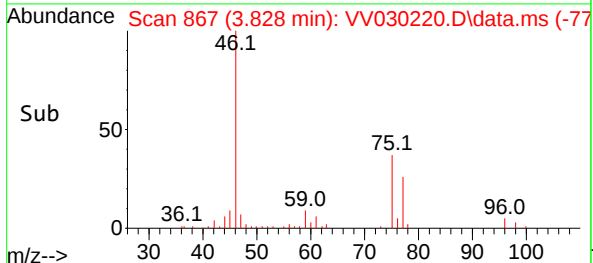
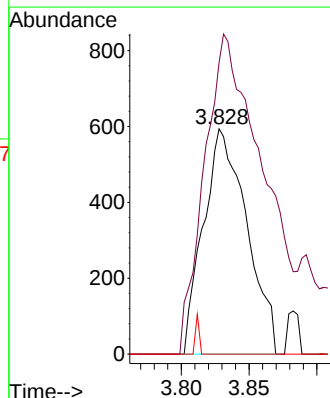
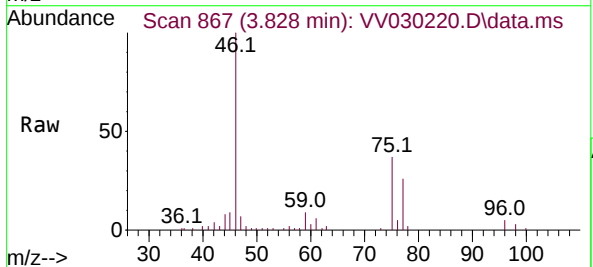
Tgt Ion: 96 Resp: 1321

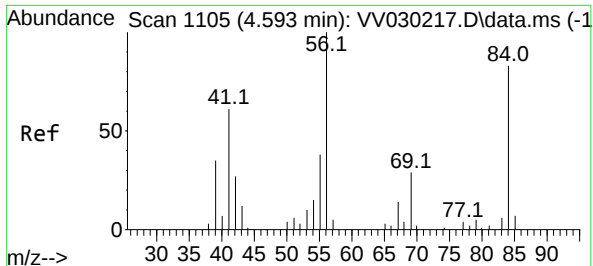
Ion Ratio Lower Upper

96 100

61 129.5 83.4 154.8

68 0.0 0.0 0.0





#30

Cyclohexane

Concen: 0.257 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030220.D

Acq: 16 Mar 2023 13:23

Instrument :

MSVOA_V

ClientSampleId :

CB927

Tgt Ion: 56 Resp: 3118

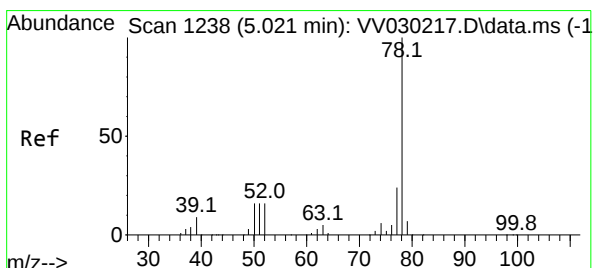
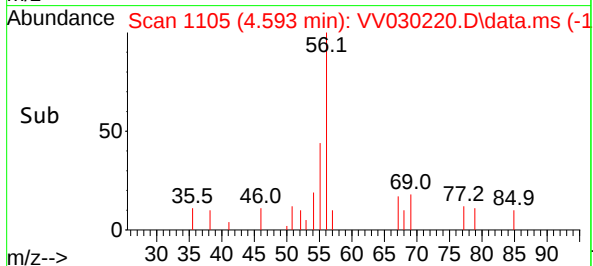
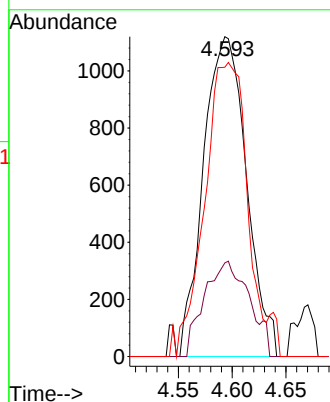
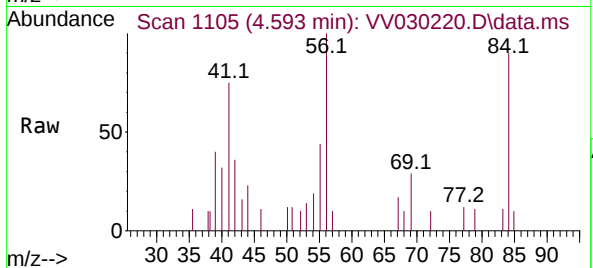
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.1	37.7
84	90.2	74.6	111.8

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#33

Benzene

Concen: 0.183 ug/L

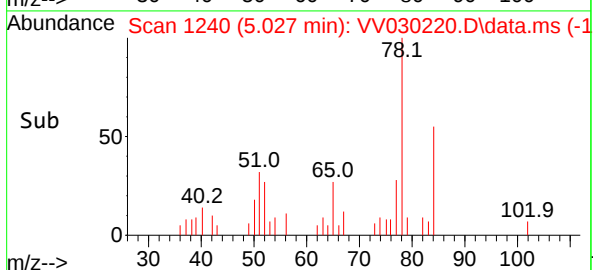
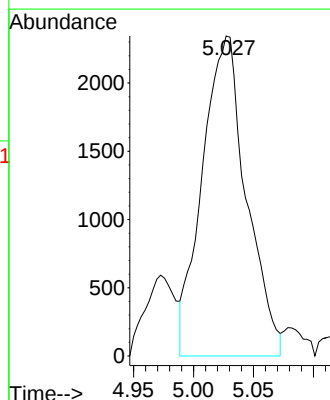
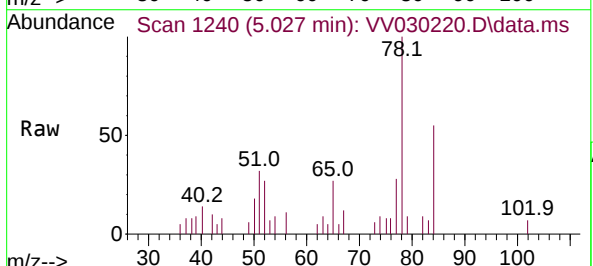
RT: 5.027 min Scan# 1240

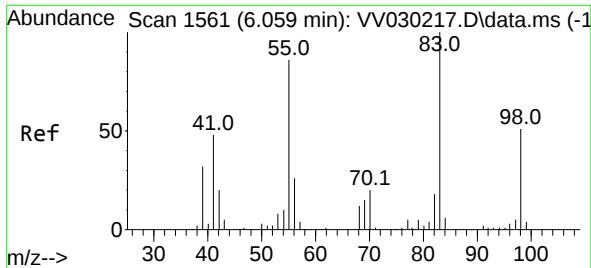
Delta R.T. 0.006 min

Lab File: VV030220.D

Acq: 16 Mar 2023 13:23

Tgt Ion: 78 Resp: 5989





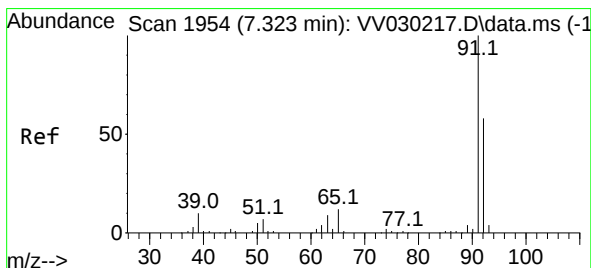
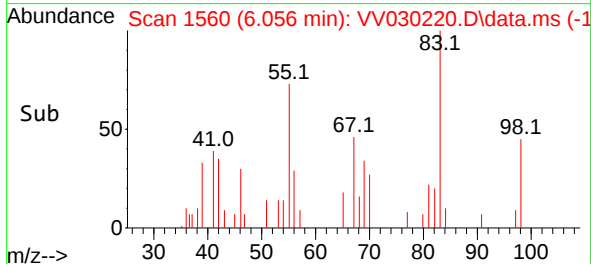
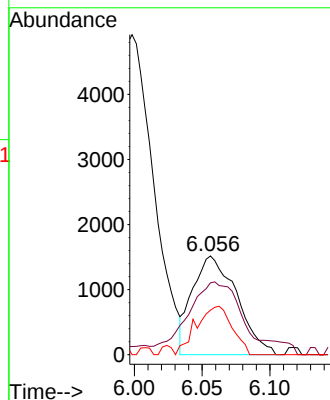
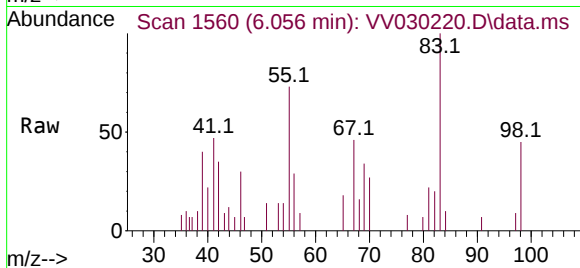
#35
Methylcyclohexane
Concen: 0.250 ug/L
RT: 6.056 min Scan# 1561
Delta R.T. -0.003 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

Instrument :
MSVOA_V
ClientSampleId :
CB927

Tgt Ion: 83 Resp: 345
Ion Ratio Lower Upper
83 100
55 95.5 57.6 86.4
98 39.5 38.8 58.2

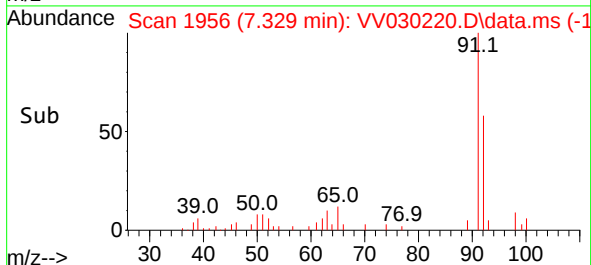
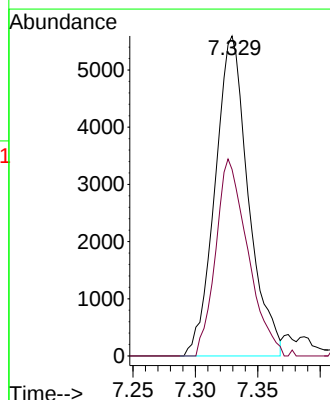
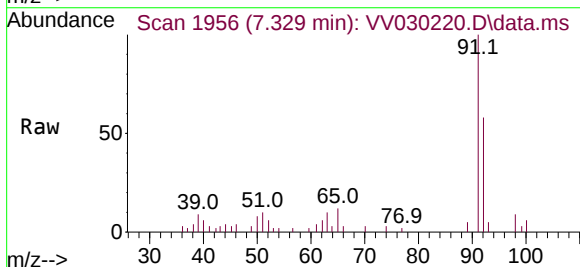
Manual Integrations
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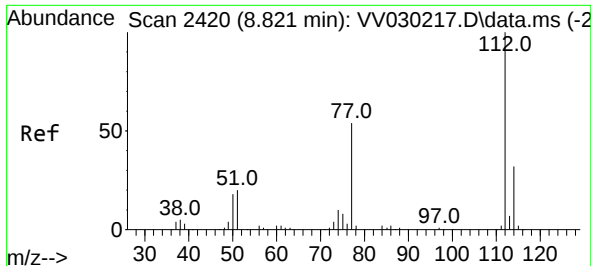
Reviewed By :Krupa Patel 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
Toluene
Concen: 0.294 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

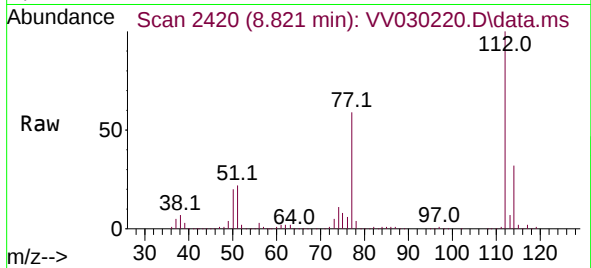
Tgt Ion: 91 Resp: 10407
Ion Ratio Lower Upper
91 100
92 58.3 39.6 73.6





#51
Chlorobenzene
Concen: 15.182 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

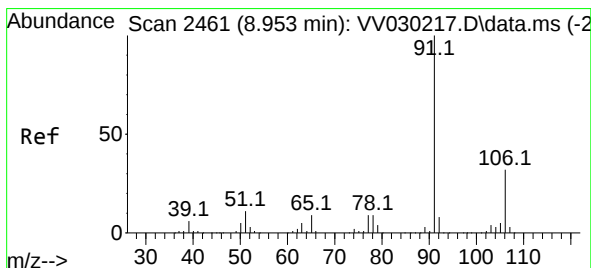
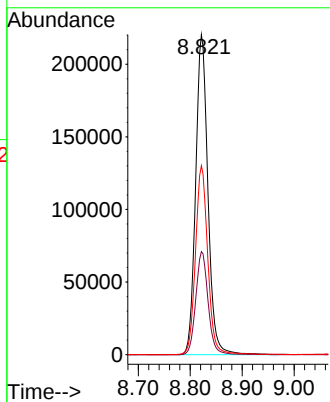
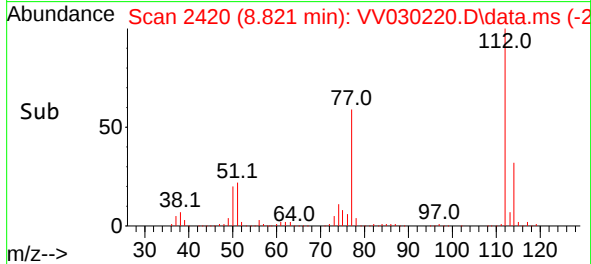
Instrument :
MSVOA_V
ClientSampleId :
CB927



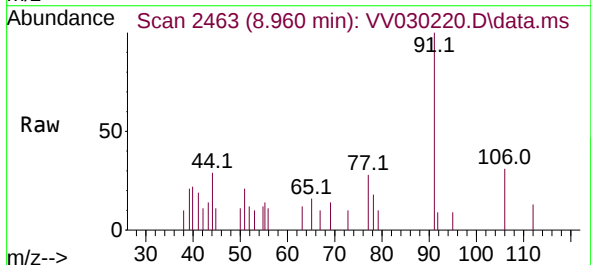
Tgt Ion: 112 Resp: 36214
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 59.1 45.3 67.9

Manual Integrations
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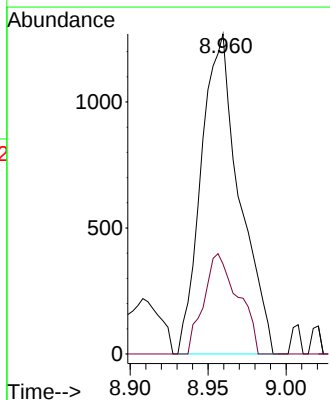
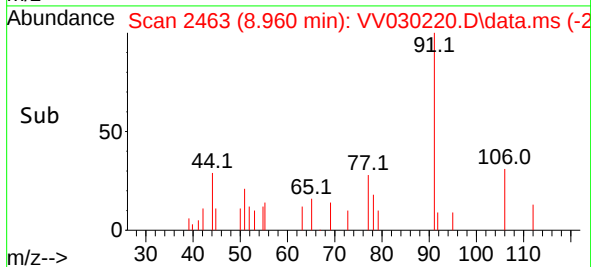
Reviewed By :Krupa Patel 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

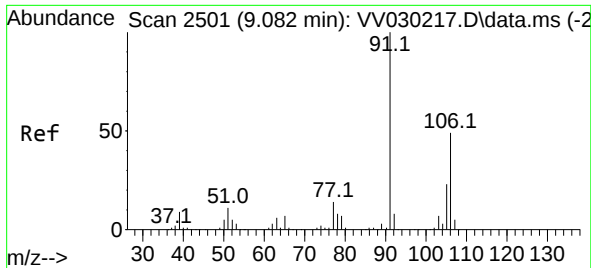


#52
Ethylbenzene
Concen: 0.056 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.006 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23



Tgt Ion: 91 Resp: 2167
Ion Ratio Lower Upper
91 100
106 28.1 22.0 40.8





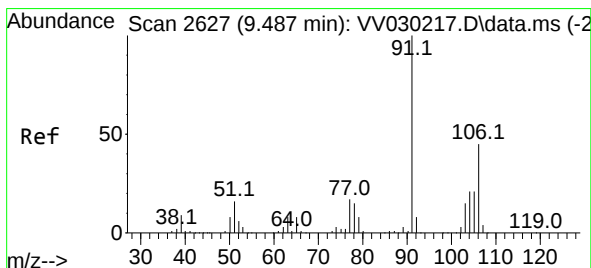
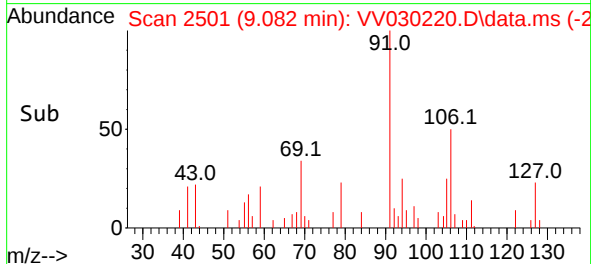
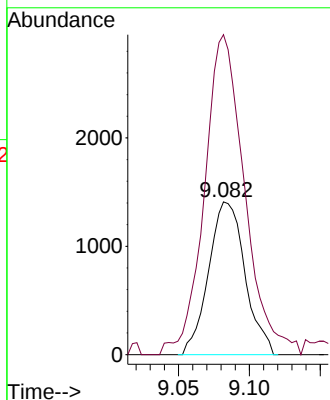
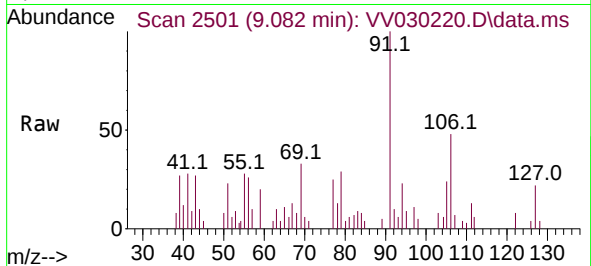
#53
m,p-Xylene
Concen: 0.170 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

Instrument :
MSVOA_V
ClientSampleId :
CB927

Tgt Ion:106 Resp: 251
Ion Ratio Lower Upper
106 100
91 209.4 142.5 264.7

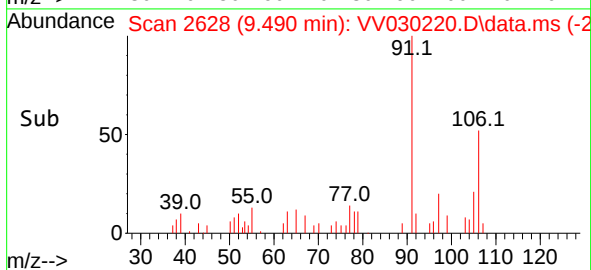
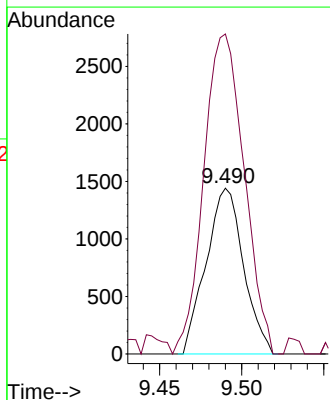
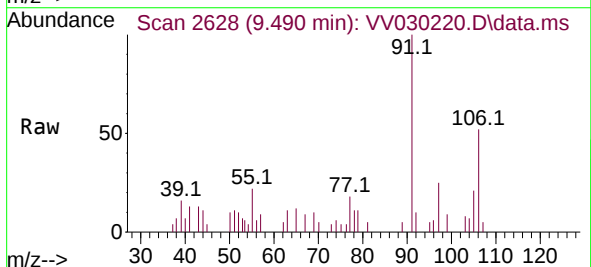
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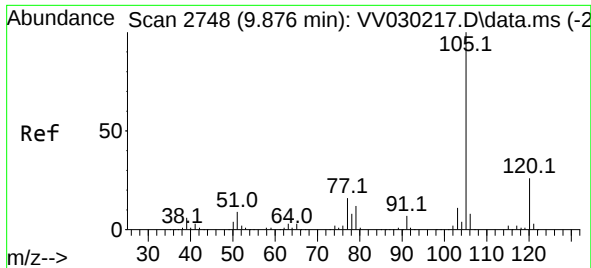
Reviewed By :Krupa Patel 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#54
o-Xylene
Concen: 0.162 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

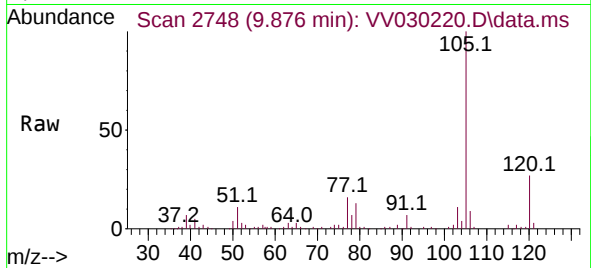
Tgt Ion:106 Resp: 2287
Ion Ratio Lower Upper
106 100
91 193.1 148.8 276.4





#60
Isopropylbenzene
Concen: 1.144 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

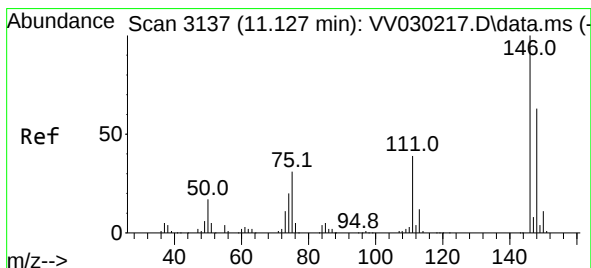
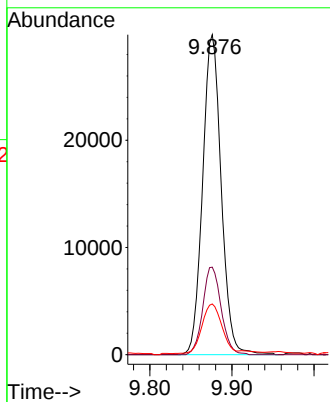
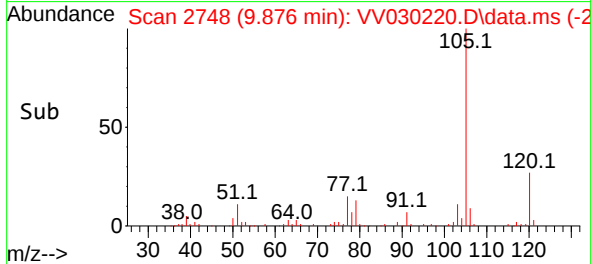
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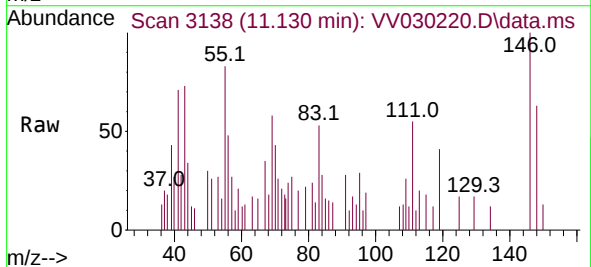
Tgt Ion:105 Resp: 47086
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 16.5 12.1 18.1

Manual Integrations
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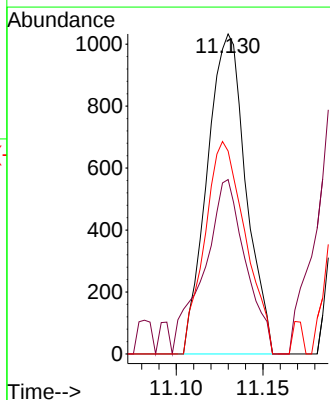
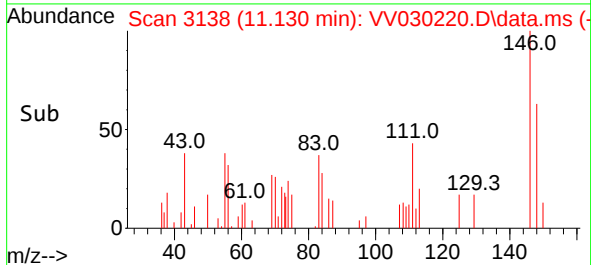
Reviewed By :Krupa Patel 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

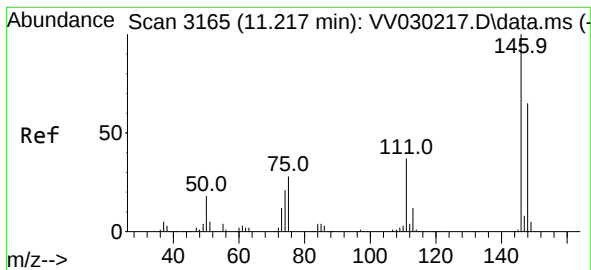


#64
1,3-Dichlorobenzene
Concen: 0.075 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23



Tgt Ion:146 Resp: 1610
Ion Ratio Lower Upper
146 100
111 54.5 27.7 51.5#
148 63.4 44.5 82.7





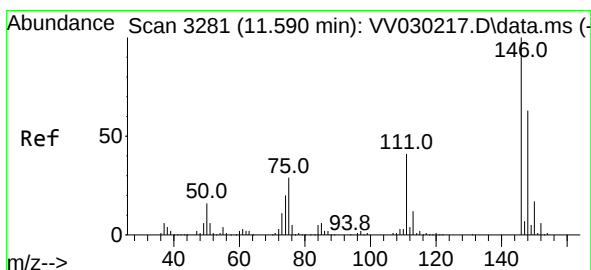
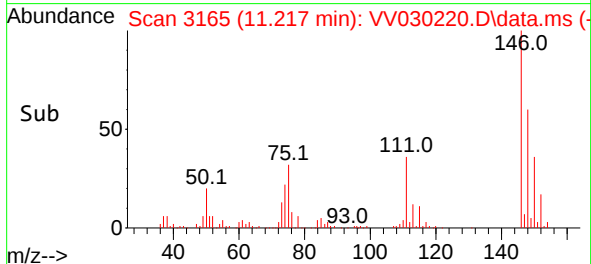
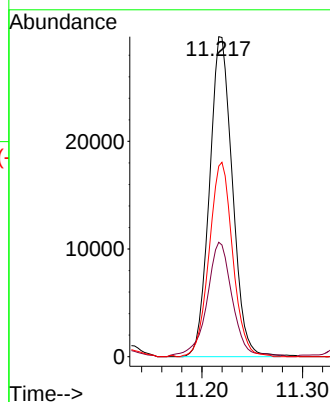
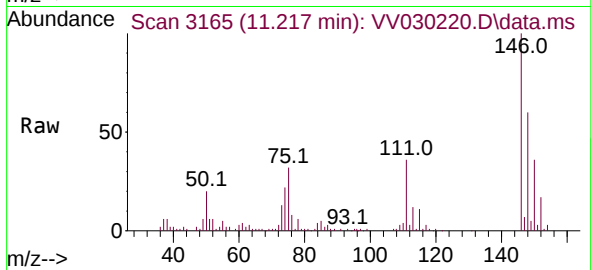
#65
1,4-Dichlorobenzene
Concen: 2.176 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

Instrument :
MSVOA_V
ClientSampleId :
CB927

Tgt Ion:146 Resp: 47032
Ion Ratio Lower Upper
146 100
111 35.8 27.4 51.0
148 59.5 44.1 81.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#67
1,2-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.000 min
Lab File: VV030220.D
Acq: 16 Mar 2023 13:23

Tgt Ion:146 Resp: 4539
Ion Ratio Lower Upper
146 100
111 49.7 33.5 50.3
148 79.2 51.3 76.9#

