

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060123\
 Data File : VV031320.D
 Acq On : 01 Jun 2023 16:04
 Operator : SY/MD
 Sample : VIBLK299
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK299

Quant Time: Jun 02 02:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:28:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/02/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	111788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	47728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45459	3.998	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.000%		
7) Chloroethane-d5	1.532	69	40625	4.230	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.600%		
11) 1,1-Dichloroethene-d2	2.060	65	21360	3.869	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	77.400%		
20) 2-Butanone-d5	3.841	46	137000	52.053	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	104.100%		
24) Chloroform-d	4.259	84	89962	4.706	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	4.953	65	48434	4.723	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.400%		
32) Benzene-d6	4.970	84	154524	4.407	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.200%		
36) 1,2-Dichloropropane-d6	5.995	67	58432	4.934	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.600%		
41) Toluene-d8	7.252	98	119353	3.625	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	72.400%		
43) trans-1,3-Dichloroprop...	7.577	79	2837	0.658	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery =	13.200%#		
46) 2-Hexanone-d5	8.040	63	74437	42.973	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	85.940%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44447	4.937	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.800%		
66) 1,2-Dichlorobenzene-d4	11.571	152	45359	5.039	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.800%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	21743m	7.149	ug/L	
14) Carbon disulfide	2.243	76	3098	0.100	ug/L	96
15) Methyl Acetate	2.401	43	2870	0.486	ug/L	100
16) Methylene chloride	2.452	84	10474	0.825	ug/L	98
63) 1,2,4-Trimethylbenzene	10.863	105	2126	0.074	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	2262	0.136	ug/L #	79
65) 1,4-Dichlorobenzene	11.217	146	3286	0.189	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	2986	0.187	ug/L #	89
70) 1,2,4-trichlorobenzene	13.210	180	5668	0.573	ug/L	89
72) 1,2,3-Trichlorobenzene	13.689	180	6735	0.759	ug/L	93

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

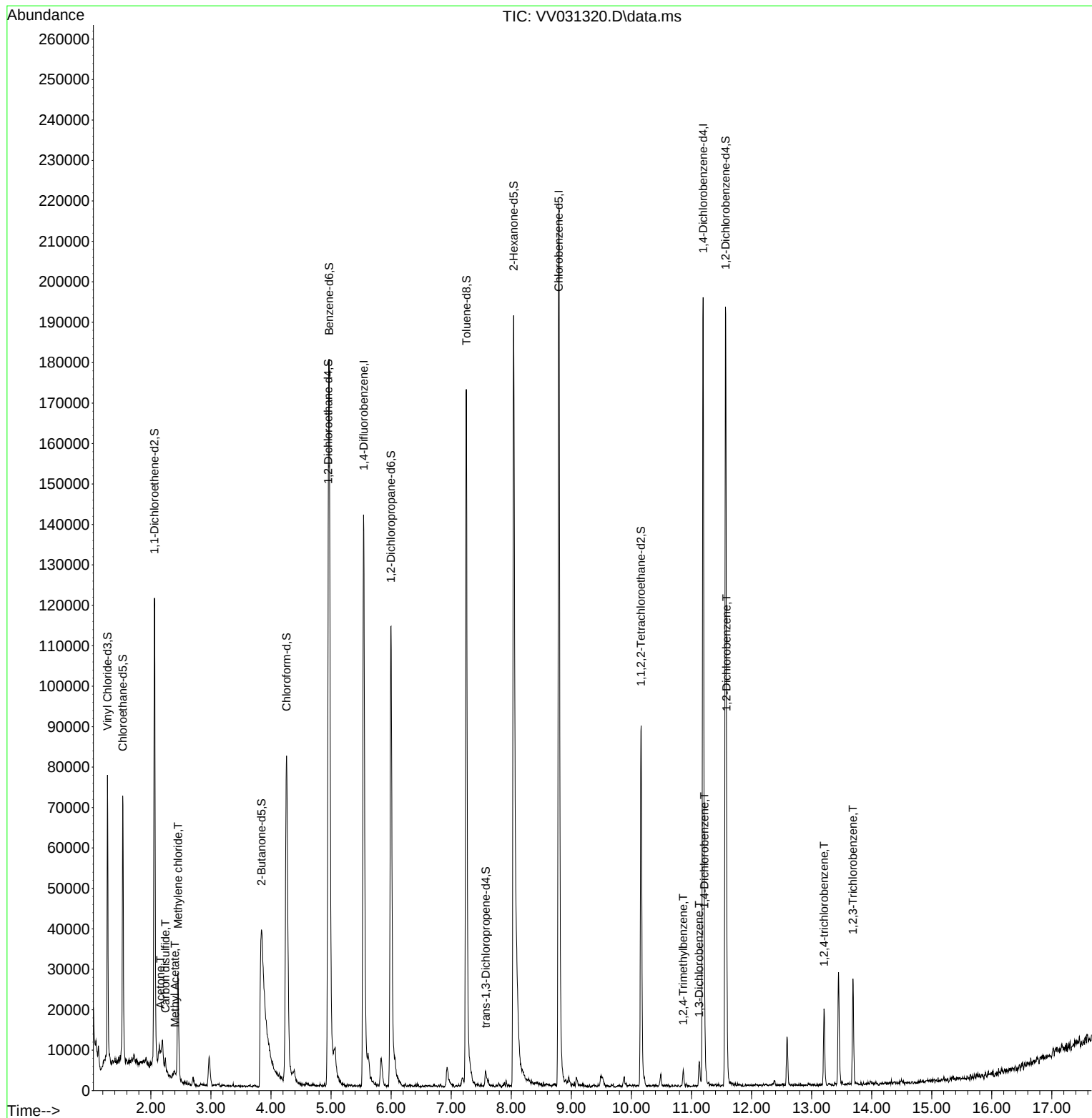
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060123\
Data File : VV031320.D
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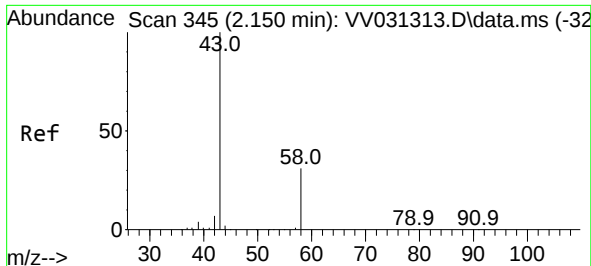
Instrument :
MSVOA_V
ClientSampleId :
VIBLK299

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 02 02:28:48 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.149 ug/L m

RT: 2.159 min Scan# 345

Delta R.T. 0.006 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK299

Tgt Ion: 43 Resp: 2174

Ion Ratio Lower Upper

43 100

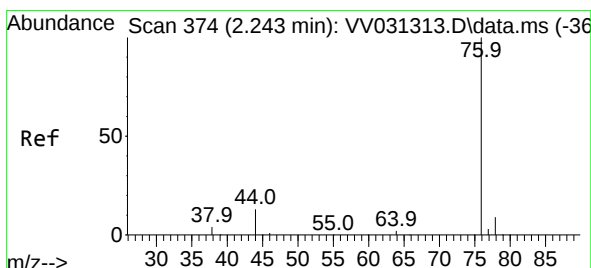
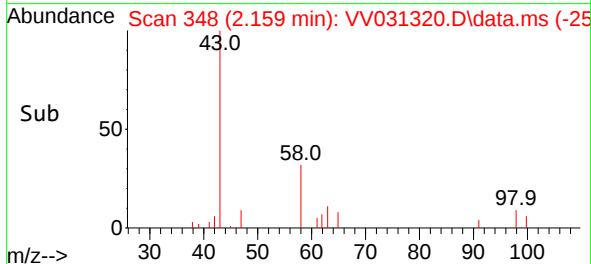
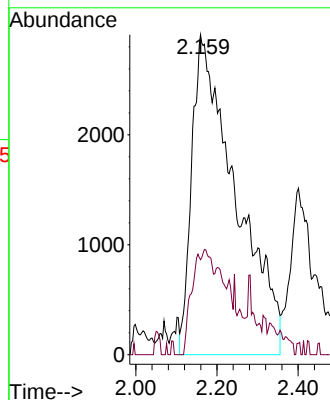
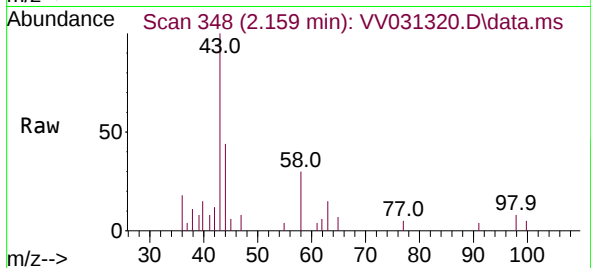
58 7.0 0.0 48.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.100 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031320.D

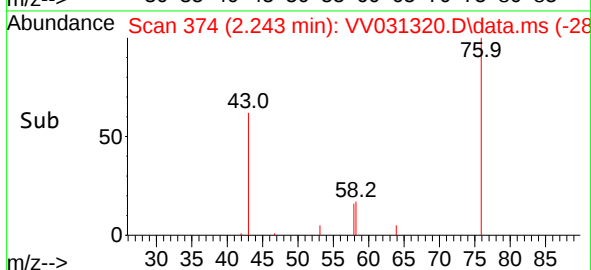
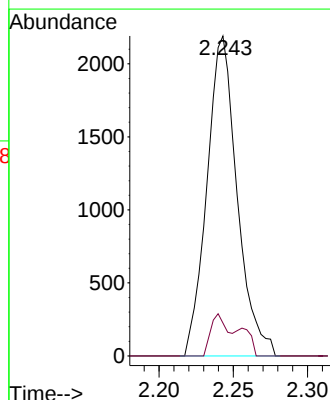
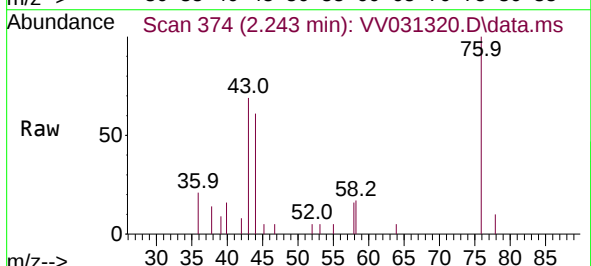
Acq: 01 Jun 2023 16:04

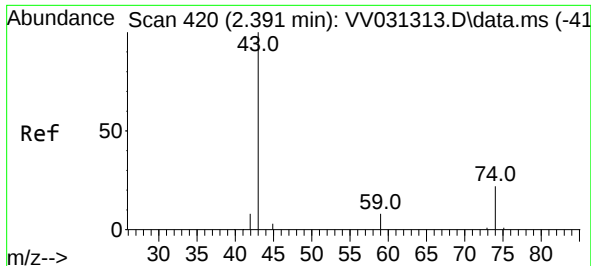
Tgt Ion: 76 Resp: 3098

Ion Ratio Lower Upper

76 100

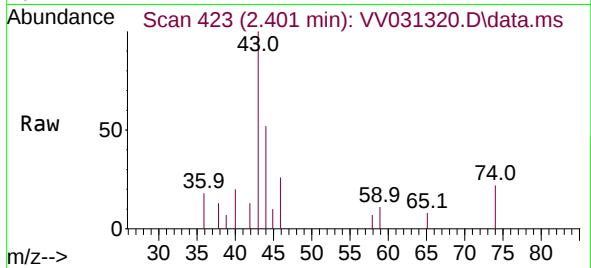
78 10.3 7.2 10.8





#15
Methyl Acetate
Concen: 0.486 ug/L
RT: 2.401 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

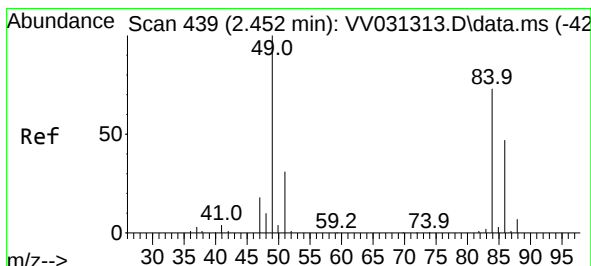
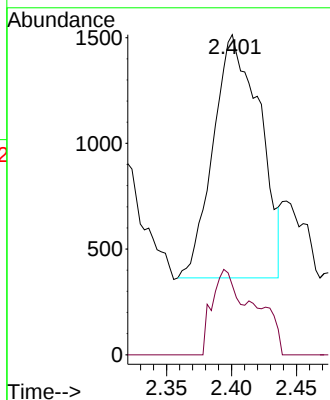
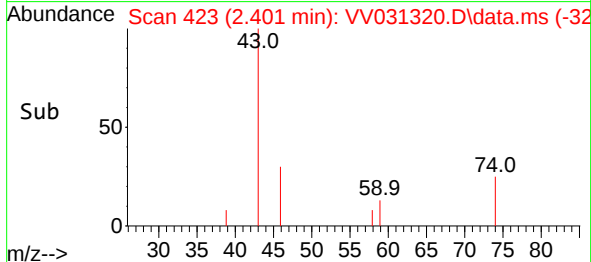
Instrument :
MSVOA_V
ClientSampleId :
VIBLK299



Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.2

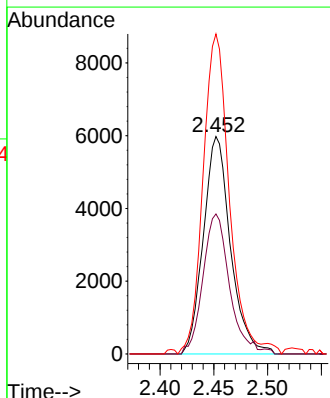
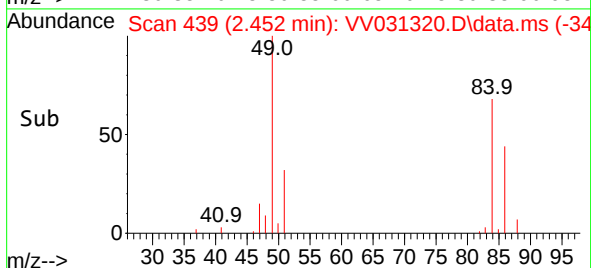
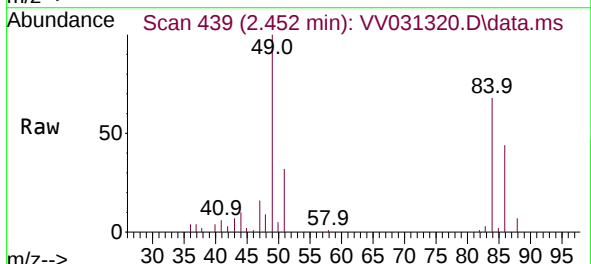
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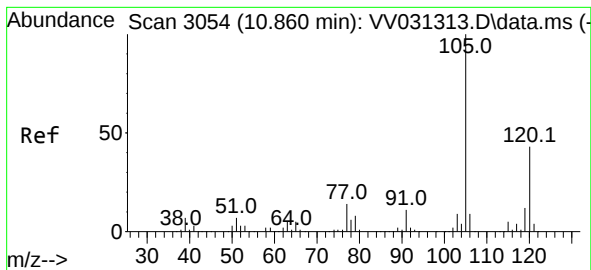
Reviewed By :John Carlone 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#16
Methylene chloride
Concen: 0.825 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

Tgt Ion: 84 Resp: 10474
Ion Ratio Lower Upper
84 100
86 64.4 46.7 86.7
49 147.2 101.6 188.8





#63

1,2,4-Trimethylbenzene

Concen: 0.074 ug/L

RT: 10.863 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK299

Tgt Ion:105 Resp: 2120

Ion Ratio Lower Upper

105 100

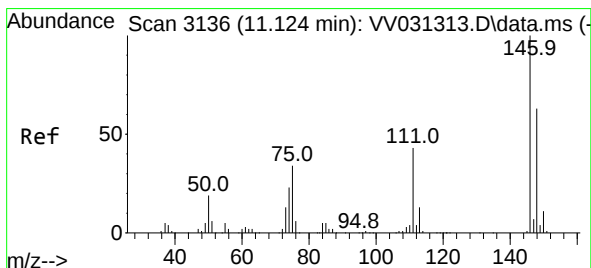
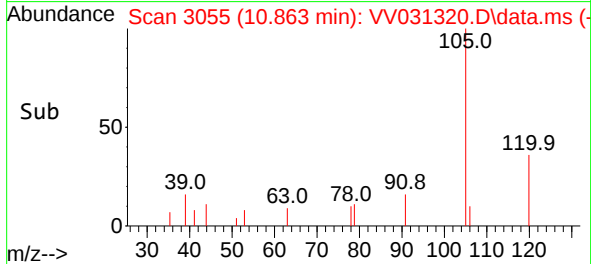
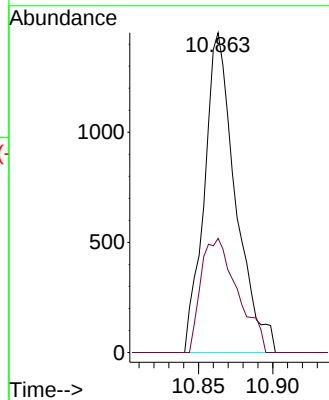
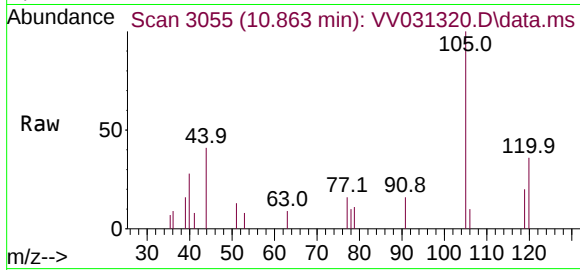
120 41.8 33.2 49.8

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#64

1,3-Dichlorobenzene

Concen: 0.136 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.006 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

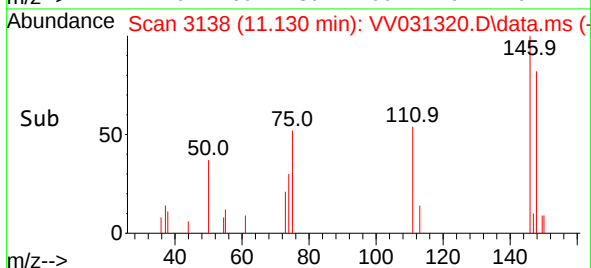
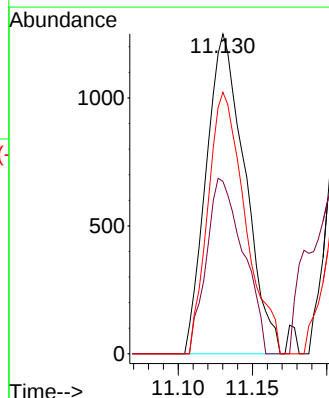
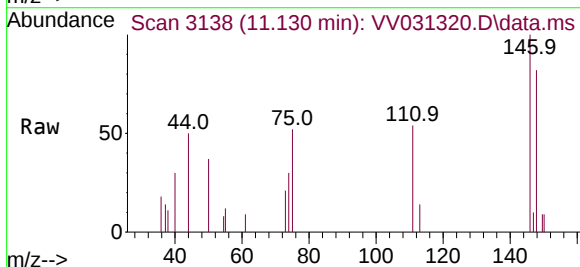
Tgt Ion:146 Resp: 2262

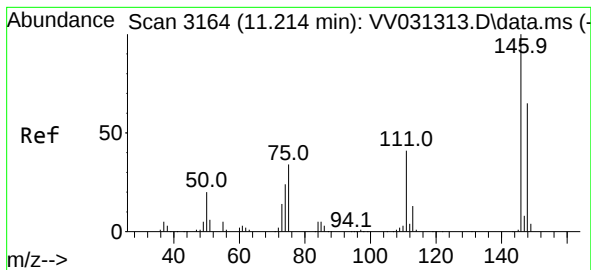
Ion Ratio Lower Upper

146 100

111 53.9 31.1 57.9

148 81.8 43.6 81.0#





#65

1,4-Dichlorobenzene

Concen: 0.189 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK299

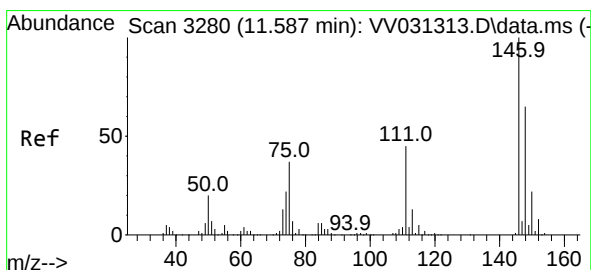
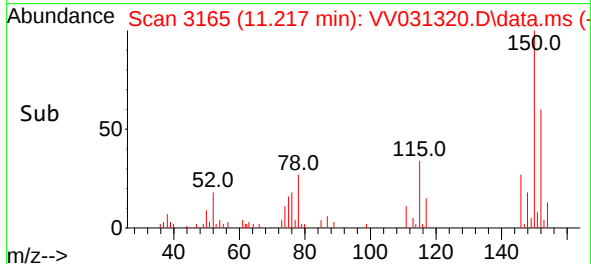
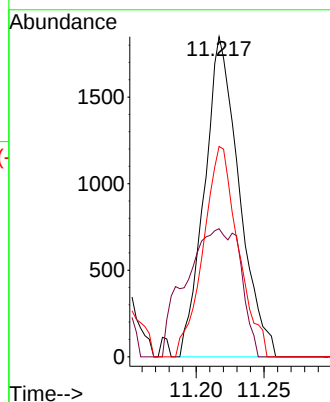
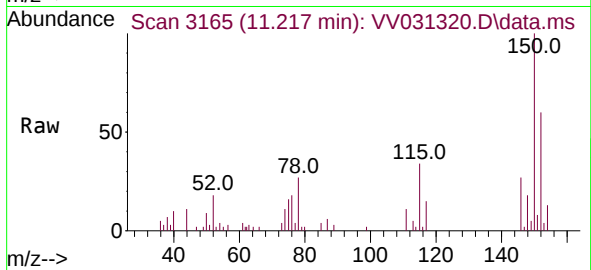
Tgt Ion:	146	Resp:	3280
Ion Ratio	Lower	Upper	
146	100		
111	40.0	28.4	52.8
148	65.7	44.2	82.0

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#67

1,2-Dichlorobenzene

Concen: 0.187 ug/L

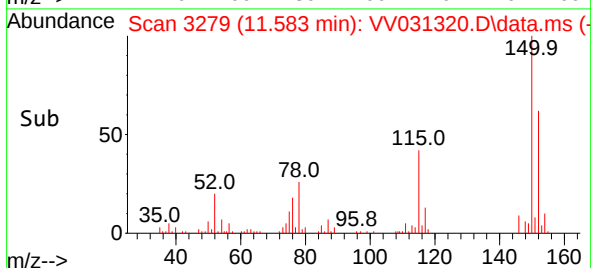
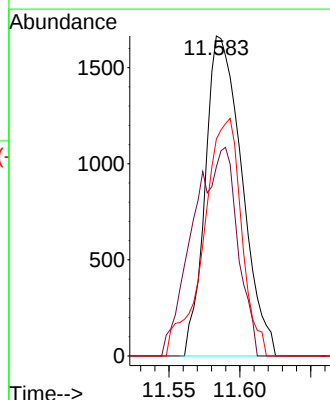
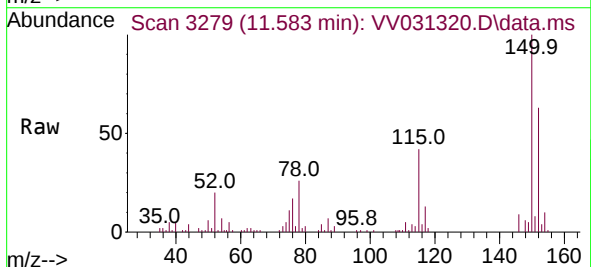
RT: 11.583 min Scan# 3279

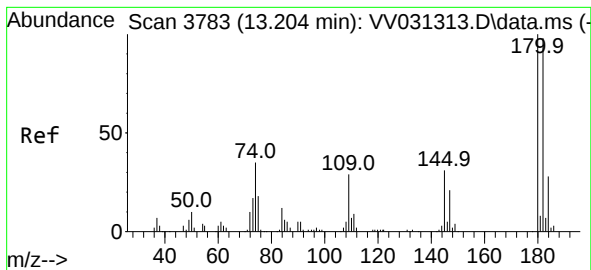
Delta R.T. -0.003 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Tgt Ion:	146	Resp:	2986
Ion Ratio	Lower	Upper	
146	100		
111	59.1	36.6	54.8
148	67.7	51.1	76.7





#70

1,2,4-trichlorobenzene

Concen: 0.573 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK299

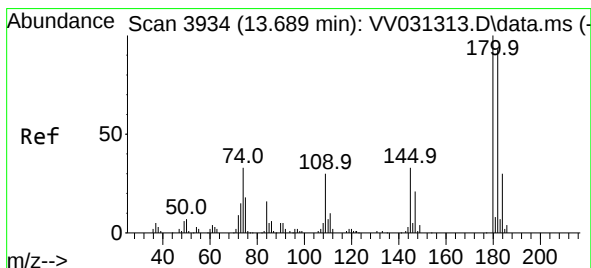
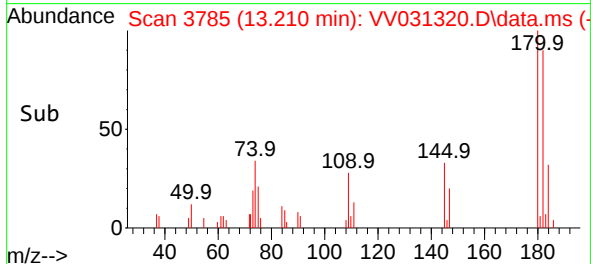
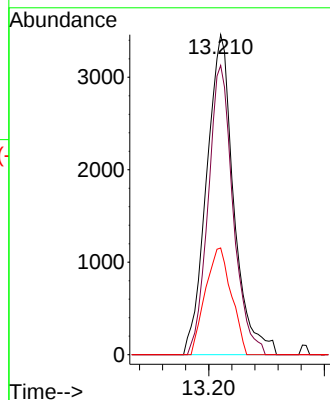
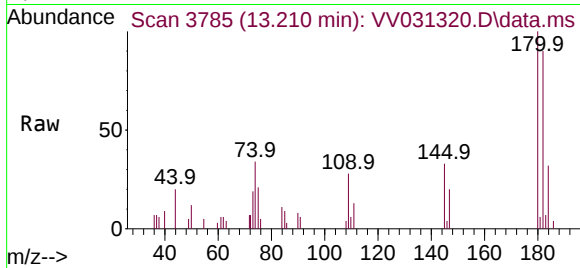
Tgt Ion:180	Resp:	566
Ion Ratio	Lower	Upper
180	100	
182	82.5	76.7 115.1
145	31.7	26.3 39.5

Manual Integrations

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#72

1,2,3-Trichlorobenzene

Concen: 0.759 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Tgt Ion:180	Resp:	6735
Ion Ratio	Lower	Upper
180	100	
182	103.4	75.4 113.0
145	35.2	27.8 41.6

