

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030664.D
 Acq On : 19 Apr 2023 14:58
 Operator : SY/MD
 Sample : 02360-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN9

Quant Time: Apr 20 01:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/20/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	229653	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	219750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	55428	32.924	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.840%		
7) Chloroethane-d5	1.536	69	49575	35.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.280%		
11) 1,1-Dichloroethene-d2	2.066	65	29142	36.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.000%		
21) 2-Butanone-d5	3.796	46	95238	102.994	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.990%		
24) Chloroform-d	4.259	84	134102	43.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.900%		
26) 1,2-Dichloroethane-d4	4.950	65	93343	47.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
32) Benzene-d6	4.970	84	230099	44.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.580%		
36) 1,2-Dichloropropane-d6	5.998	67	77778	48.194	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.380%		
41) Toluene-d8	7.252	98	197173	40.420	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.840%		
43) trans-1,3-Dichloroprop...	7.561	79	35355	43.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.920%		
47) 2-Hexanone-d5	8.034	63	61038	96.007	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.010%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	113146	48.316	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.640%		
66) 1,2-Dichlorobenzene-d4	11.571	152	87811	52.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.040%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.073	96	7060m	4.390	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	52019	29.457	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	15712	5.088	ug/L	99
34) Trichloroethene	5.841	95	330437	190.372	ug/L	98
51) Chlorobenzene	8.825	112	11424	2.413	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	7760	2.241	ug/L	94
67) 1,2-Dichlorobenzene	11.590	146	5590	1.687	ug/L	86

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

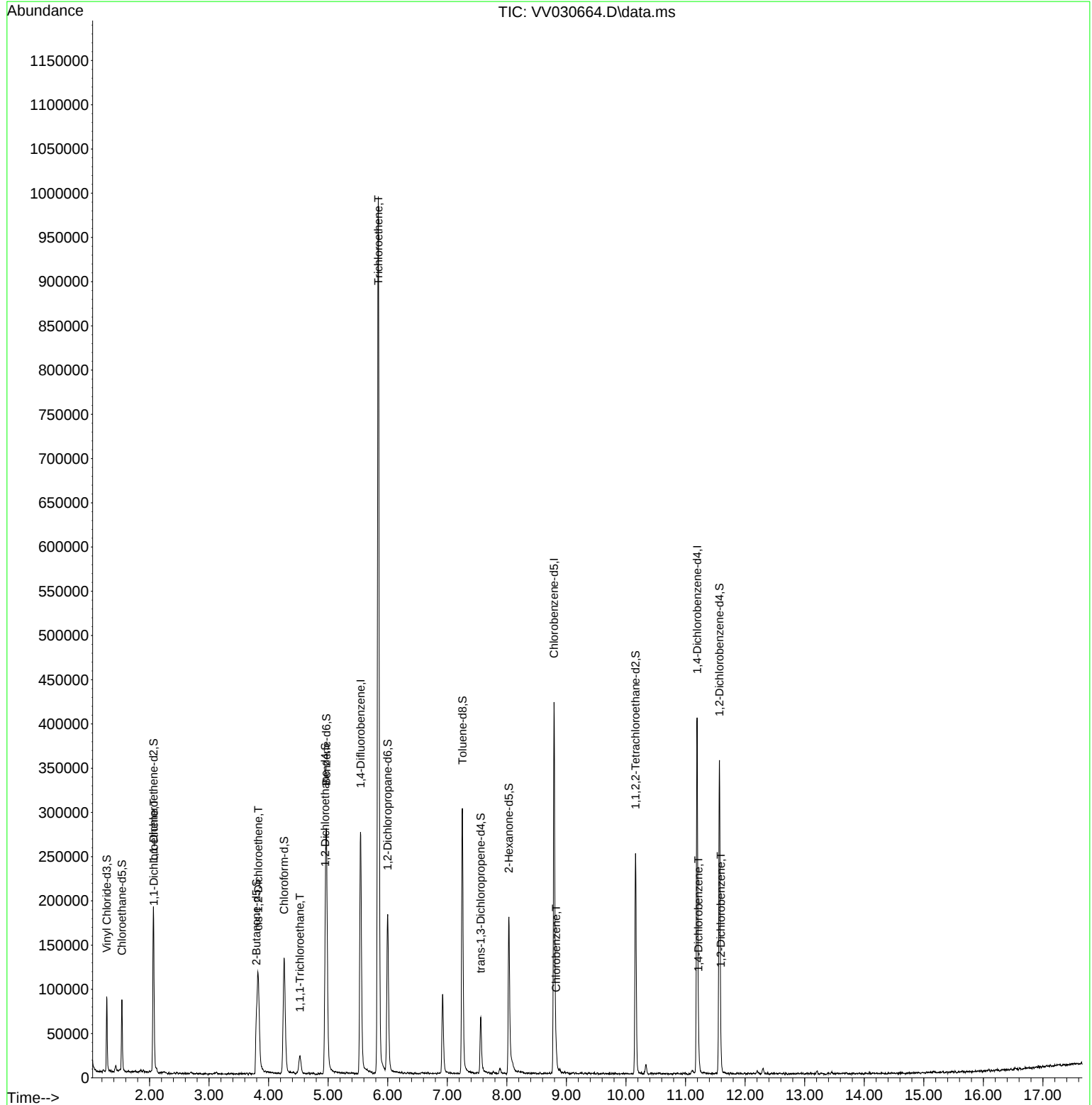
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
Data File : VV030664.D
Acq On : 19 Apr 2023 14:58
Operator : SY/MD
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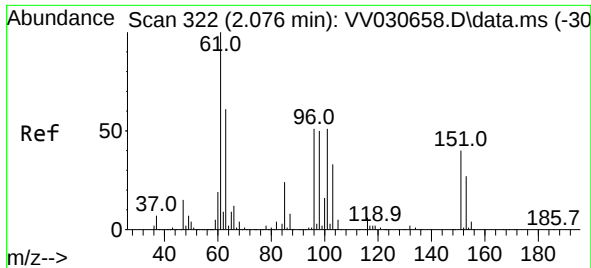
Instrument :
MSVOA_V
ClientSampleId :
C0AN9

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Supervised By :Mahesh Dadoda 04/20/2023

Quant Time: Apr 20 01:28:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.390 ug/L m

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030664.D

Acq: 19 Apr 2023 14:58

Instrument :

MSVOA_V

ClientSampleId :

COAN9

Tgt Ion: 96 Resp: 7060

Ion Ratio Lower Upper

96 100

61 293.1 131.9 245.0

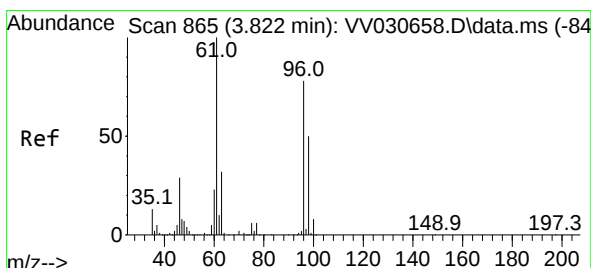
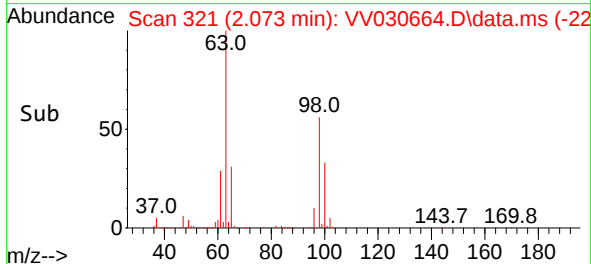
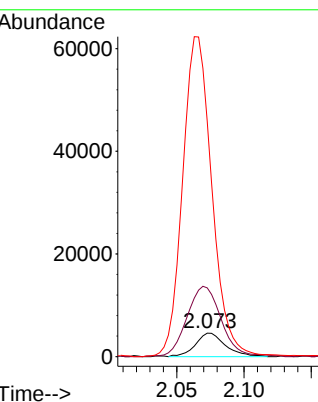
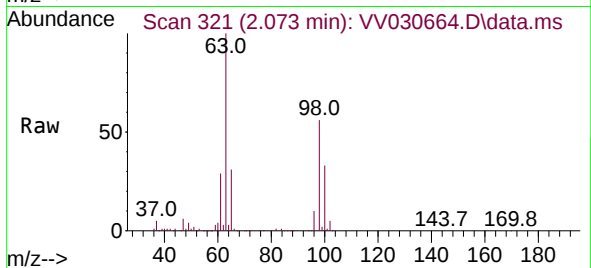
63 1002.5 99.8 185.3

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 29.457 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV030664.D

Acq: 19 Apr 2023 14:58

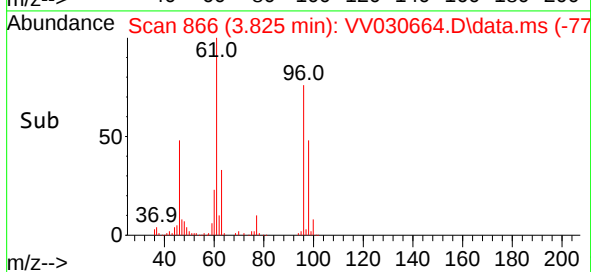
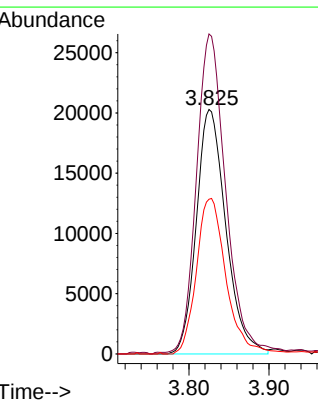
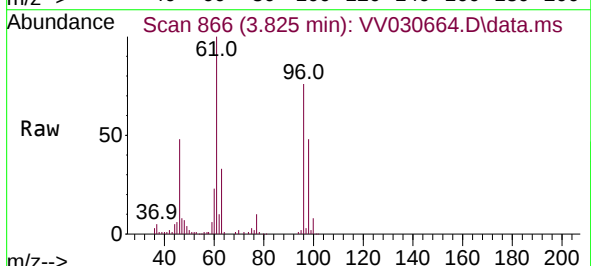
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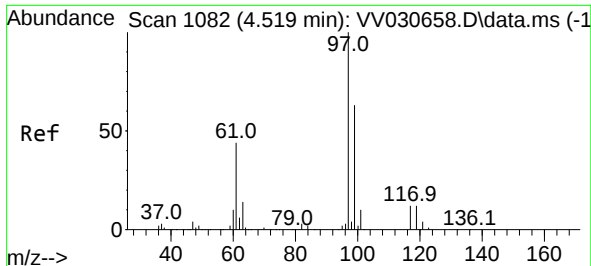
Ion Ratio Lower Upper

96 100

61 130.9 92.3 171.3

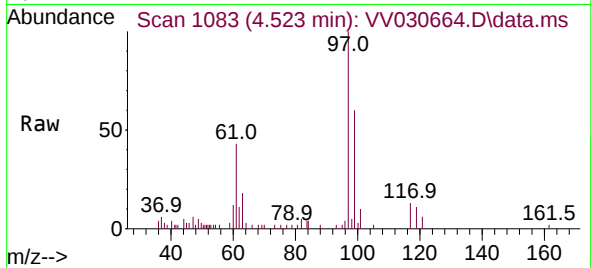
98 63.2 45.9 85.3





#30
1,1,1-Trichloroethane
Concen: 5.088 ug/L
RT: 4.523 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV030664.D
Acq: 19 Apr 2023 14:58

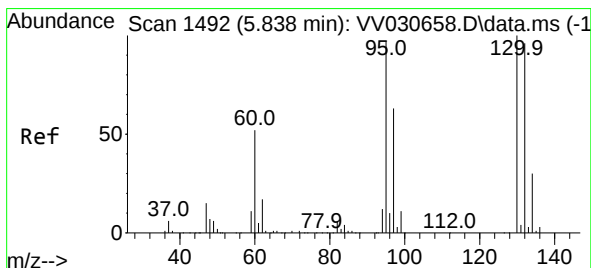
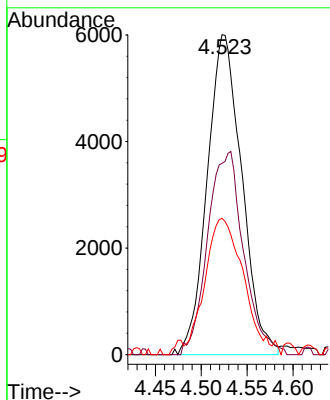
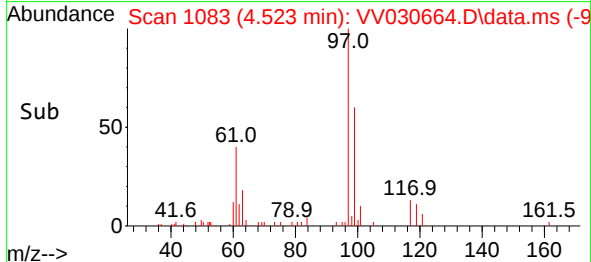
Instrument :
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ClientSampleId :
COAN9



Tgt Ion: 97 Resp: 15712
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.0
61 46.1 37.0 55.6

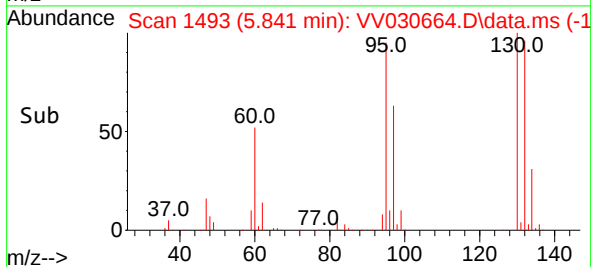
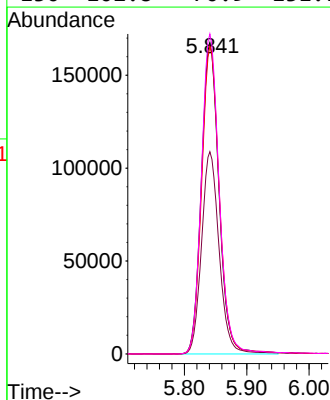
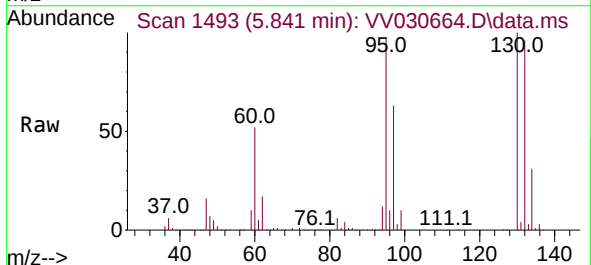
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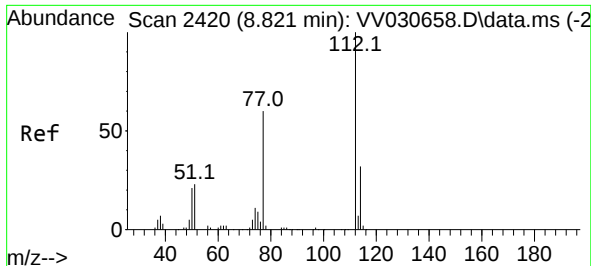
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023



#34
Trichloroethene
Concen: 190.372 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030664.D
Acq: 19 Apr 2023 14:58

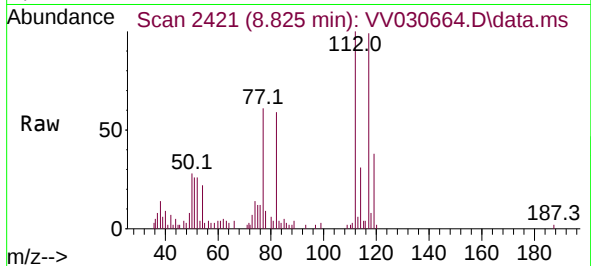
Tgt Ion: 95 Resp: 330437
Ion Ratio Lower Upper
95 100
97 64.9 45.8 85.2
132 98.8 70.6 131.2
130 102.8 70.9 131.7





#51
Chlorobenzene
Concen: 2.413 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030664.D
Acq: 19 Apr 2023 14:58

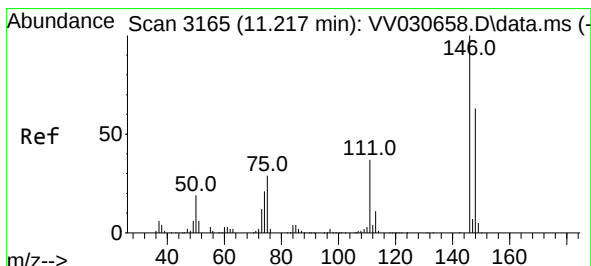
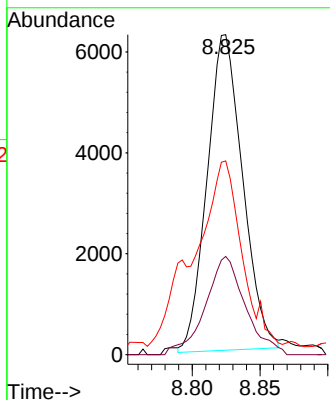
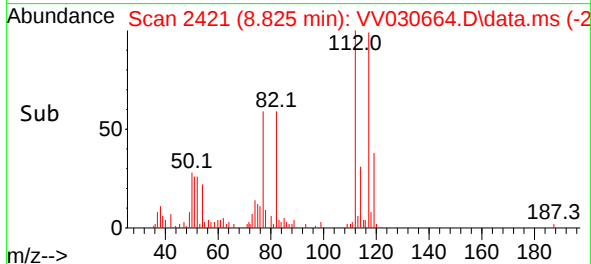
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COAN9



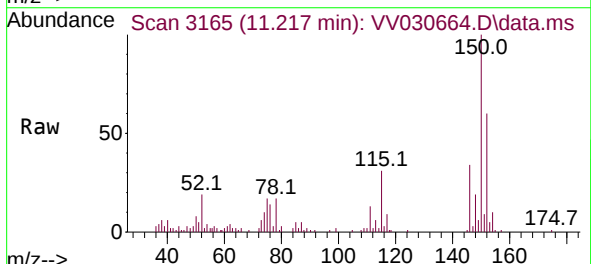
Tgt Ion:112 Resp: 11424
Ion Ratio Lower Upper
112 100
114 30.7 22.4 41.6
77 60.5 47.4 71.0

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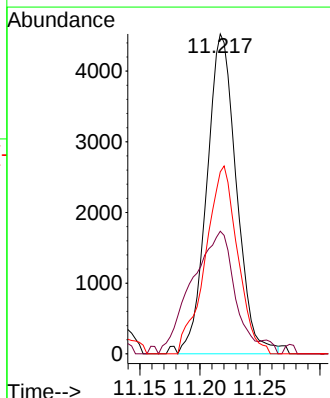
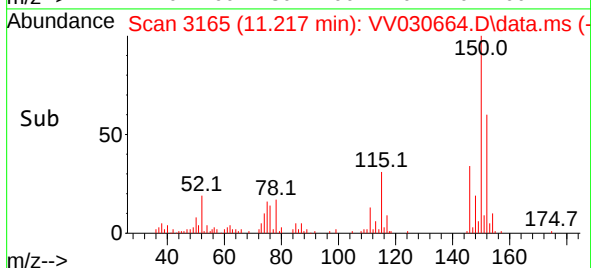
Reviewed By :Krupa Patel 04/20/2023
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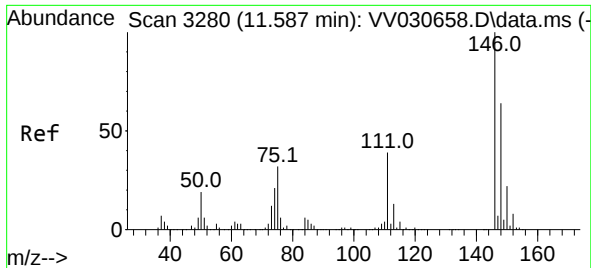


#65
1,4-Dichlorobenzene
Concen: 2.241 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030664.D
Acq: 19 Apr 2023 14:58



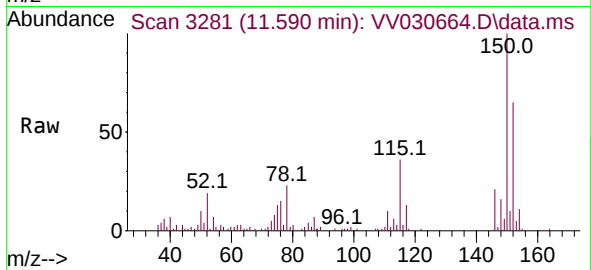
Tgt Ion:146 Resp: 7760
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.1
148 56.9 44.7 83.1





#67
 1,2-Dichlorobenzene
 Concen: 1.687 ug/L
 RT: 11.590 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV030664.D
 Acq: 19 Apr 2023 14:58

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	146	Resp:	5590
Ion	Ratio	Lower	Upper
146	100		
111	47.7	32.0	48.0
148	74.4	50.6	76.0

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