

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029028.D
 Acq On : 06 Jun 2024 11:06
 Operator : SY/MD
 Sample : P2696-16DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DF9DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2024
 Supervised By :Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:23:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	330680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	300089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146128	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	111430	21.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
7) Chloroethane-d5	2.893	69	88916	22.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	4.021	65	50652	21.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.081	46	61541	57.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.680%
24) Chloroform-d	7.648	84	233973	24.801	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	8.307	65	124072	24.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.276	84	440548	23.919	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.270	67	136312	24.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.319	98	404303	24.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	10.575	79	53021	24.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.840%
47) 2-Hexanone-d5	10.922	63	43799	59.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105733	27.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	129294	24.934	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.039	96	81706m	19.548	ug/L	
13) Acetone	4.119	43	41627	37.008	ug/L	99
16) Methylene chloride	4.923	84	194025	39.095	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	64637	14.183	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	135216	21.277	ug/L	99
19) 1,1-Dichloroethane	6.216	63	377762	42.162	ug/L	99
22) 2-Butanone	7.167	43	162790	120.106	ug/L	96
25) Chloroform	7.679	83	378422	43.486	ug/L	96
31) Carbon tetrachloride	8.075	117	49787	7.861	ug/L	97
33) Benzene	8.325	78	601930	32.259	ug/L	100
34) Trichloroethene	9.087	95	230609	47.009	ug/L	97
37) 1,2-Dichloropropane	9.368	63	91325	18.690	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	225283	31.725	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	213066	85.728	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	207515	36.248	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	82123	24.885	ug/L	96
50) 1,2-Dibromoethane	11.233	107	72351	24.017	ug/L	97
53) m,p-Xylene	11.831	106	198185	24.705	ug/L	83
54) o-Xylene	12.160	106	244738	32.948	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,1,2,2-Tetrachloroethane	12.708	83	101283	27.187	ug/L	98
59) Bromoform	12.349	173	18640	9.920	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	115575	41.930	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	176279	19.835	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	183884	19.811	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	7445	12.672	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	50052	10.121	ug/L	98

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

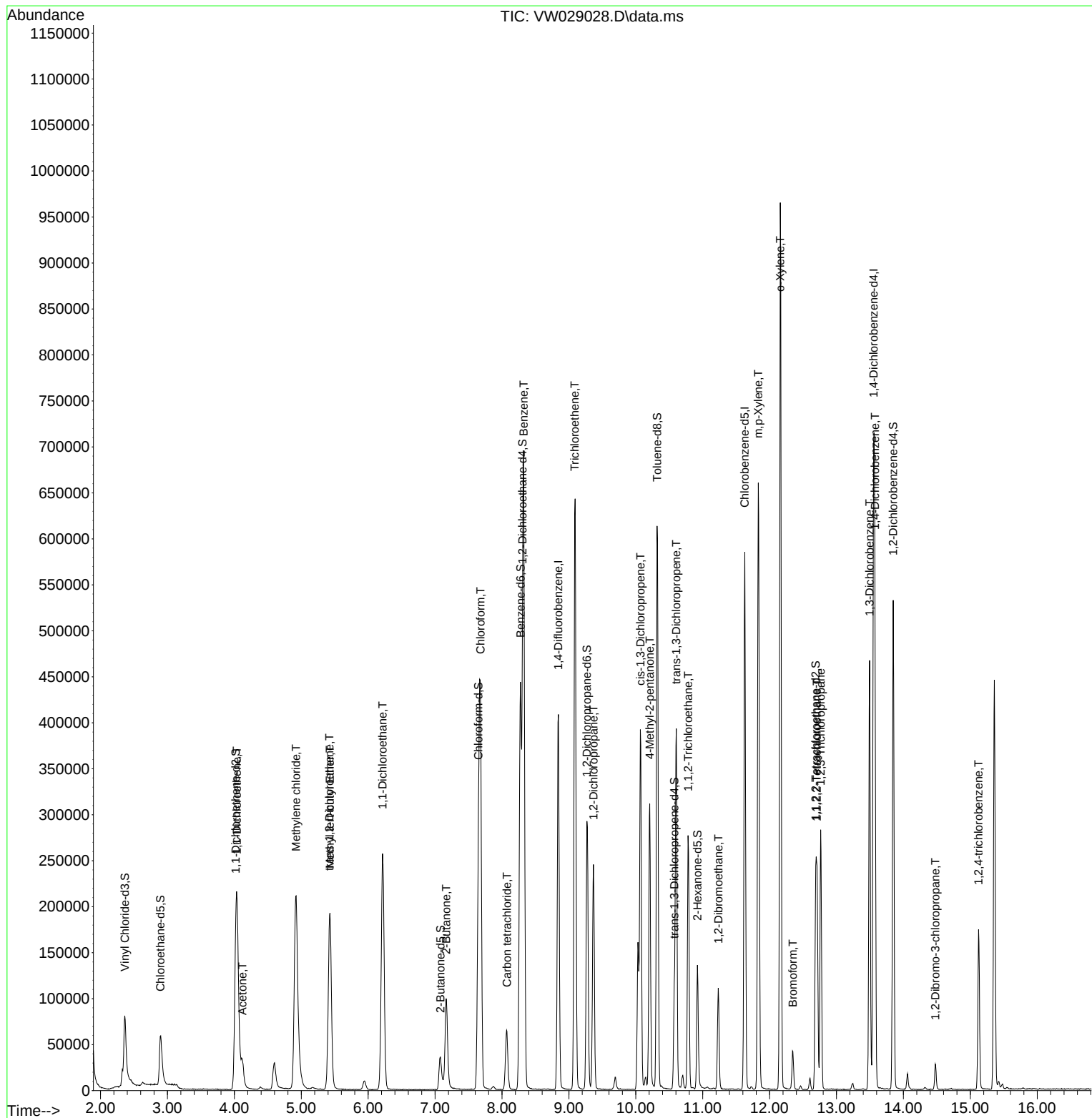
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Data File : VW029028.D
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Operator : SY/MD
Sample : P2696-16DL 2X
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ALS Vial : 1 Sample Multiplier: 1

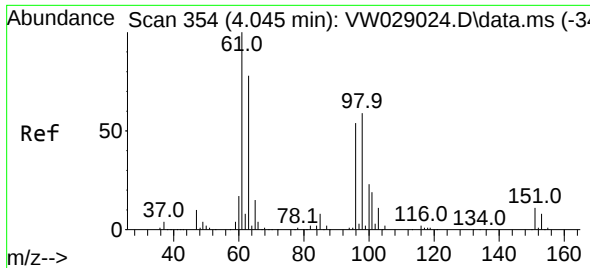
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Manual Integrations
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Supervised By : Mahesh Dadoda 06/07/2024

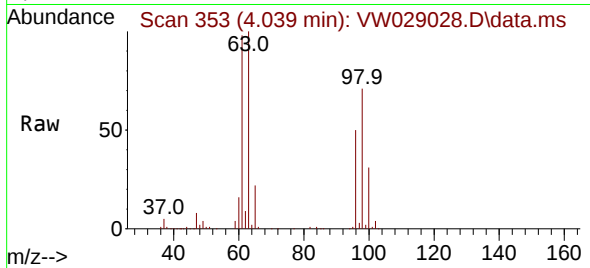
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 00:21:46 2024
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#12
1,1-Dichloroethene
Concen: 19.548 ug/L m
RT: 4.039 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

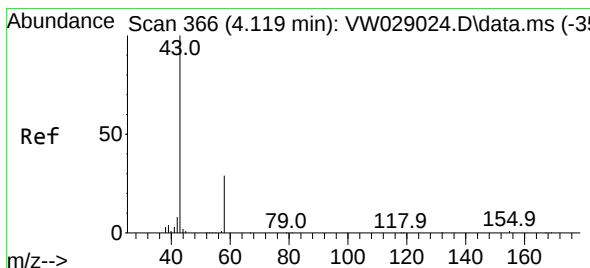
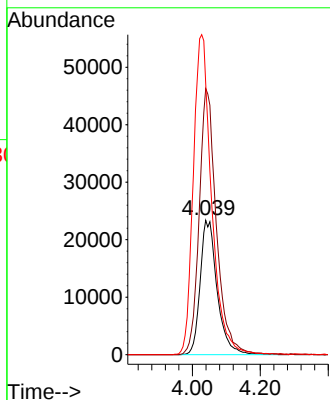
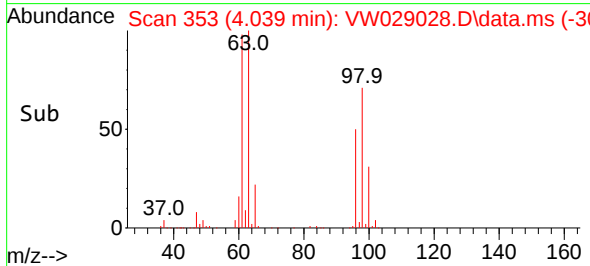
Instrument :
MSVOA_W
ClientSampleId :
A4DF9DL



Tgt Ion: 96 Resp: 81700
Ion Ratio Lower Upper
96 100
61 197.9 132.2 245.4
63 201.5 108.4 201.2

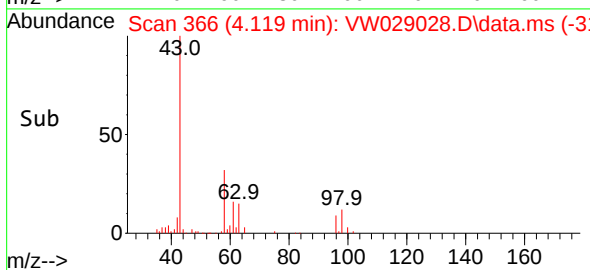
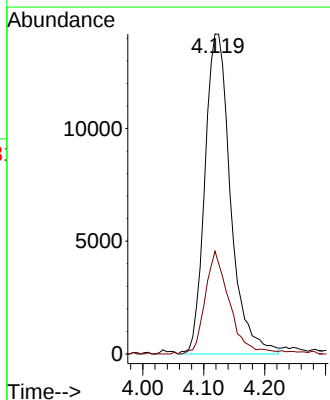
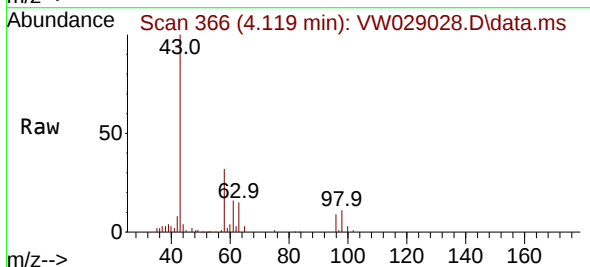
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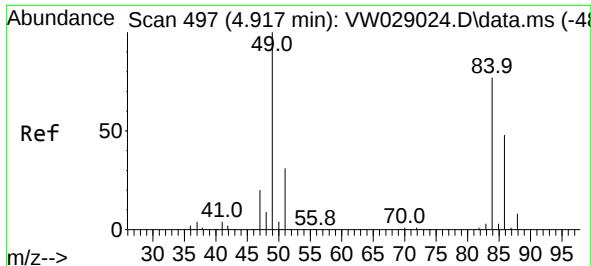
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#13
Acetone
Concen: 37.008 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

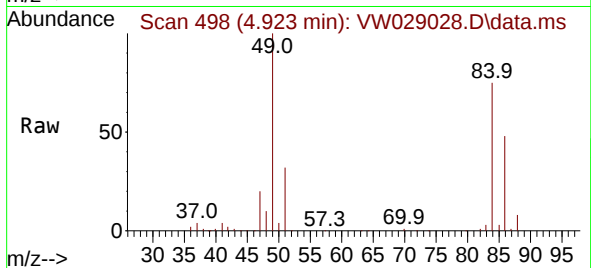
Tgt Ion: 43 Resp: 41627
Ion Ratio Lower Upper
43 100
58 29.4 0.0 59.4





#16
Methylene chloride
Concen: 39.095 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

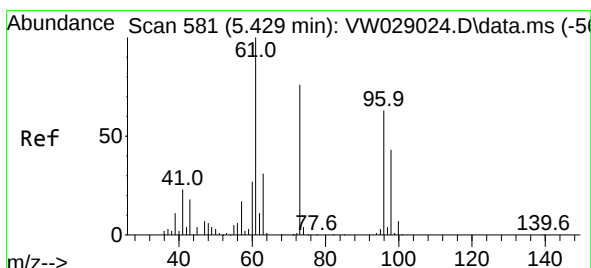
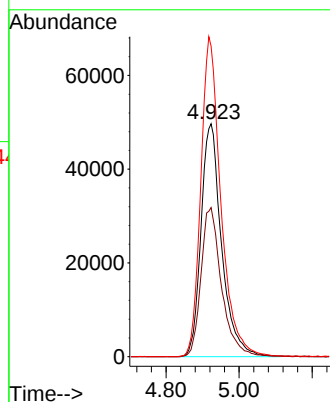
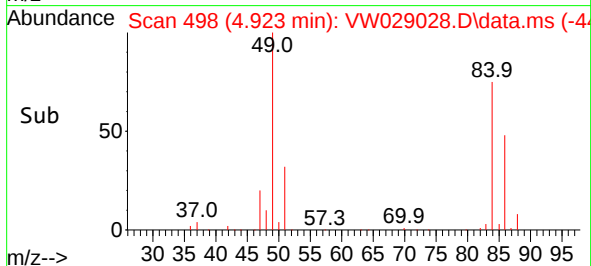
Instrument :
MSVOA_W
ClientSampleId :
A4DF9DL



Tgt Ion: 84 Resp: 194025
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.4
49 133.3 91.3 169.5

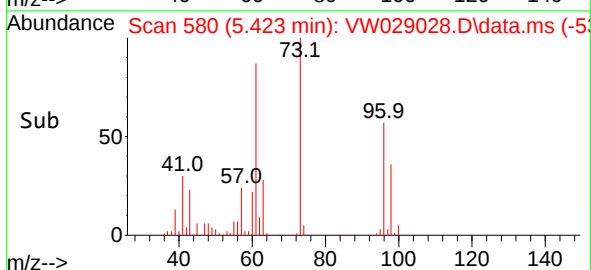
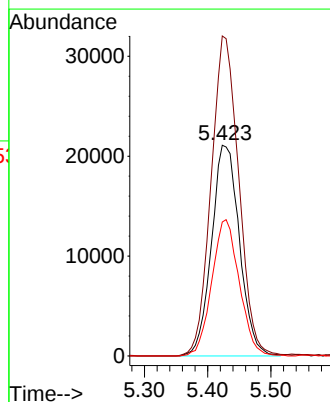
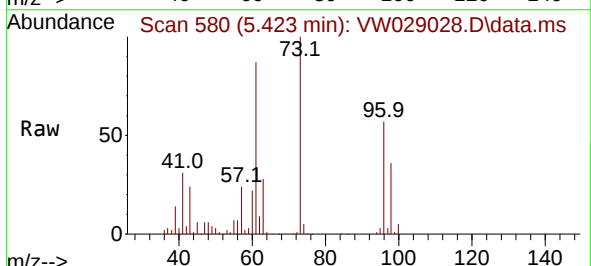
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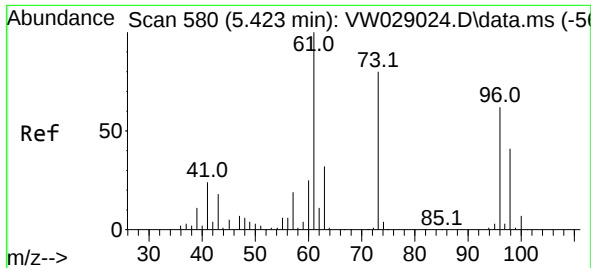
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#17
trans-1,2-Dichloroethene
Concen: 14.183 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

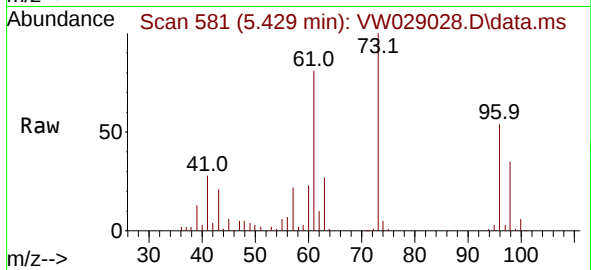
Tgt Ion: 96 Resp: 64637
Ion Ratio Lower Upper
96 100
61 151.8 104.6 194.2
98 63.5 44.0 81.8





#18
Methyl tert-butyl Ether
Concen: 21.277 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

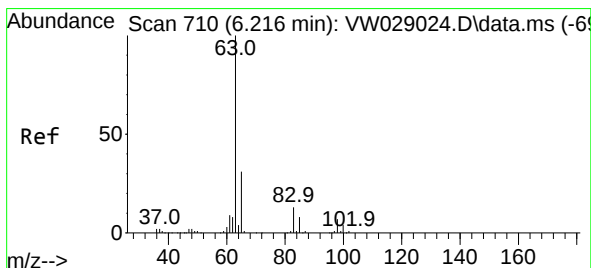
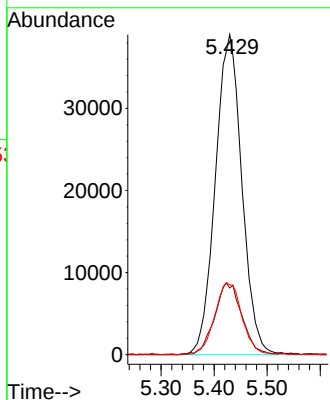
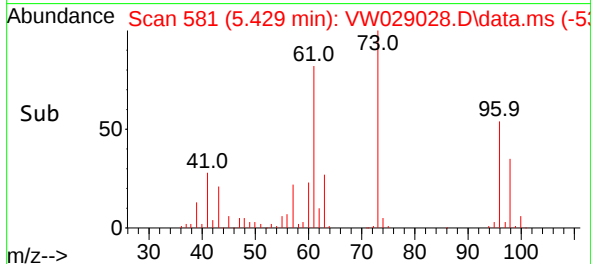
Instrument :
MSVOA_W
Client SampleId :
A4DF9DL



Tgt Ion: 73 Resp: 135210
Ion Ratio Lower Upper
73 100
43 23.1 17.8 26.6
57 23.1 18.4 27.6

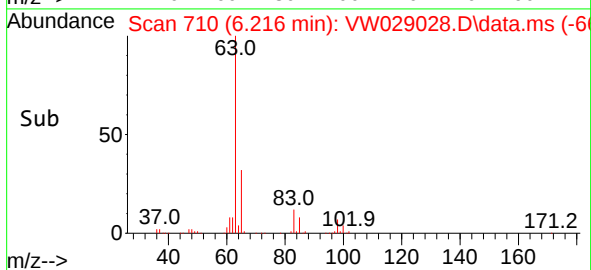
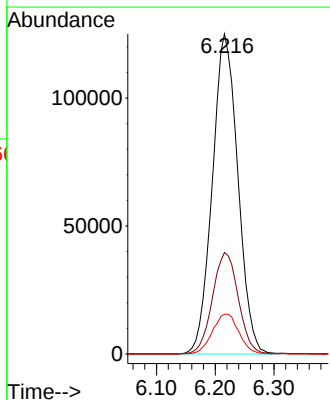
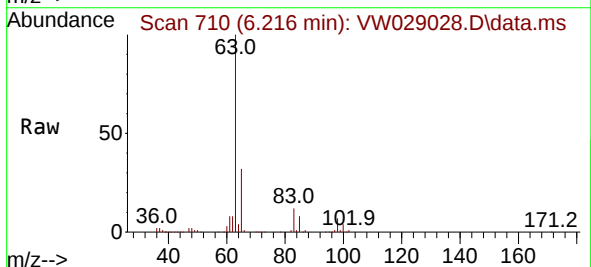
Manual Integrations
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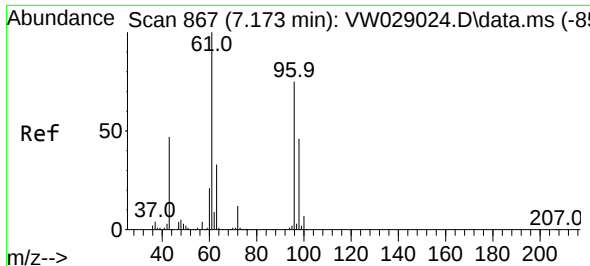
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#19
1,1-Dichloroethane
Concen: 42.162 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

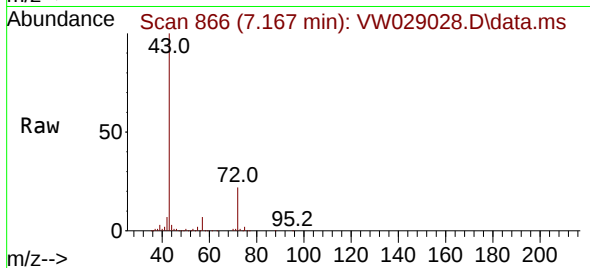
Tgt Ion: 63 Resp: 377762
Ion Ratio Lower Upper
63 100
65 31.7 21.8 40.6
83 12.4 8.8 16.3





#22
2-Butanone
Concen: 120.106 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

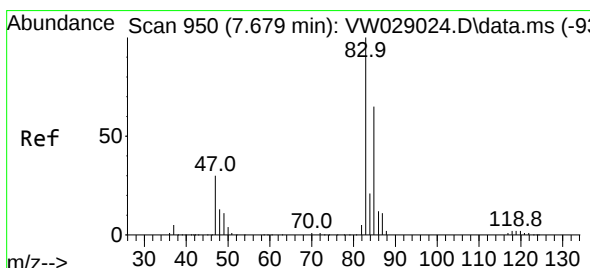
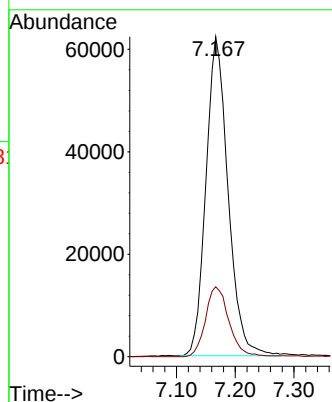
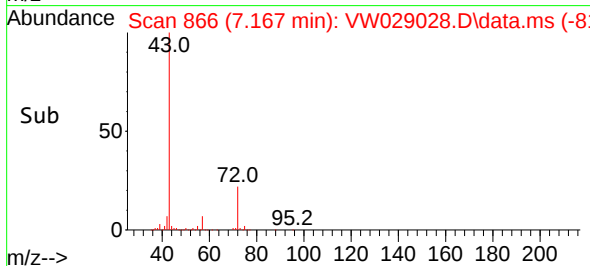
Instrument :
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Tgt Ion: 43 Resp: 162790
Ion Ratio Lower Upper
43 100
72 23.2 12.5 37.5

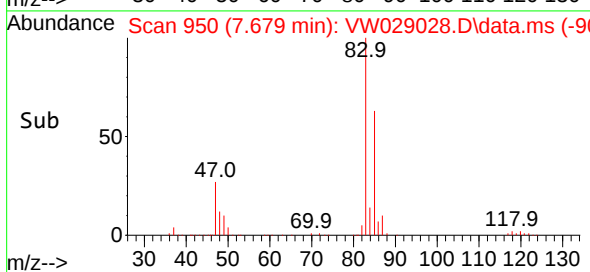
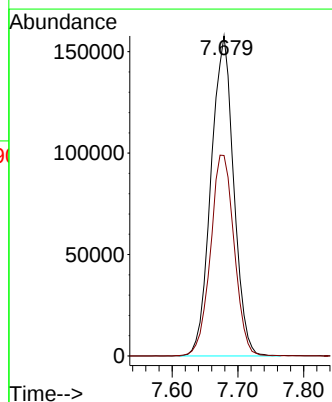
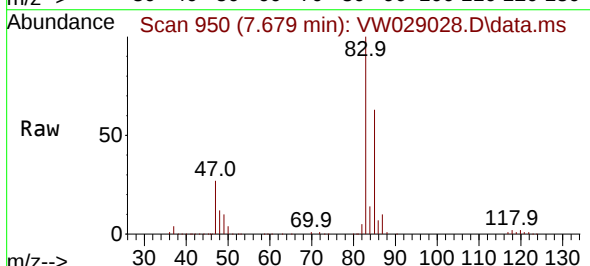
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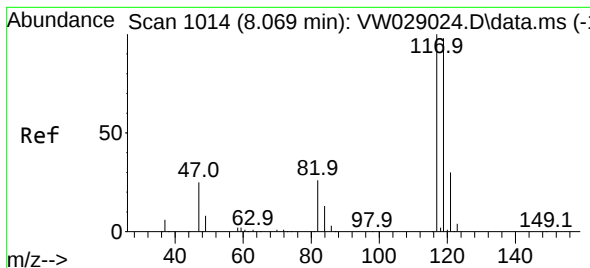
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#25
Chloroform
Concen: 43.486 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

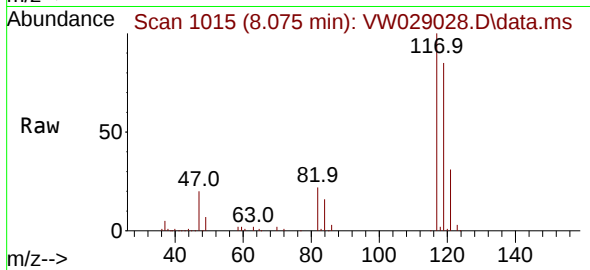
Tgt Ion: 83 Resp: 378422
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.2





#31
Carbon tetrachloride
Concen: 7.861 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

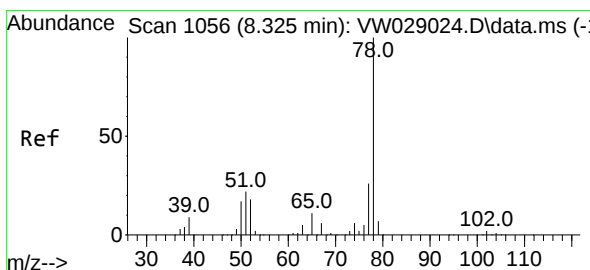
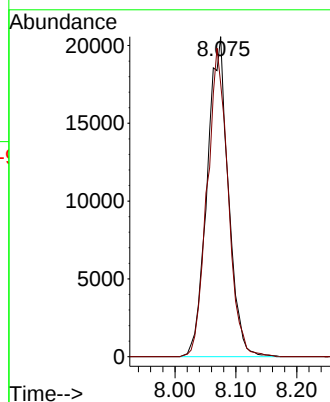
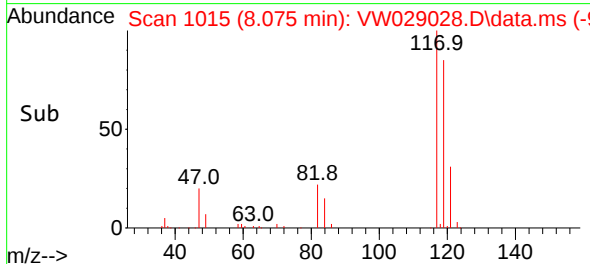
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Tgt Ion:117 Resp: 4978
Ion Ratio Lower Upper
117 100
119 95.1 78.8 118.2

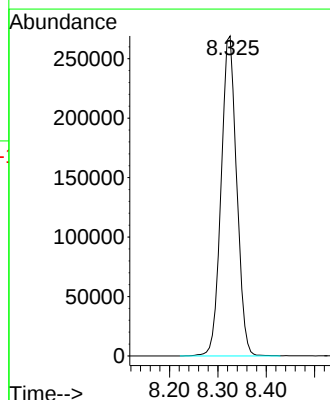
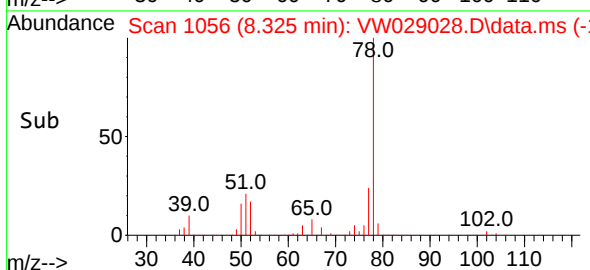
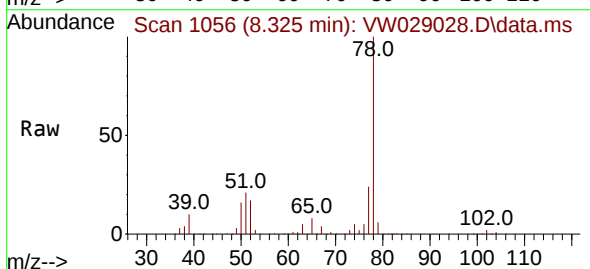
Manual Integrations
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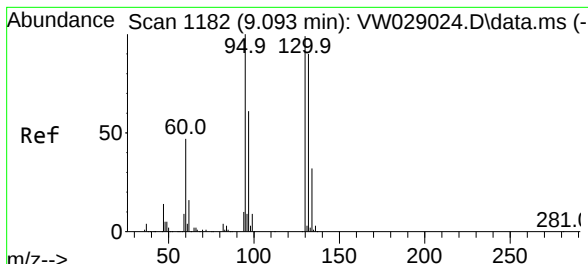
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#33
Benzene
Concen: 32.259 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

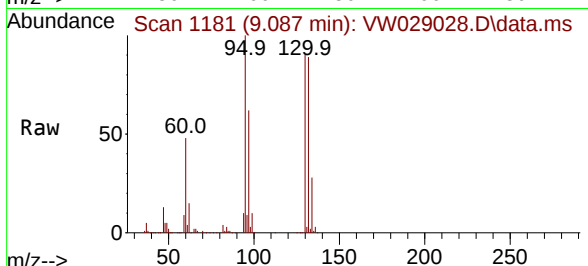
Tgt Ion: 78 Resp: 601930





#34
Trichloroethene
Concen: 47.009 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

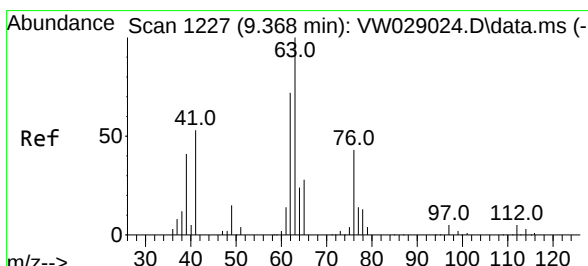
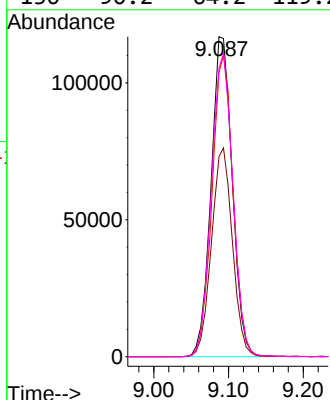
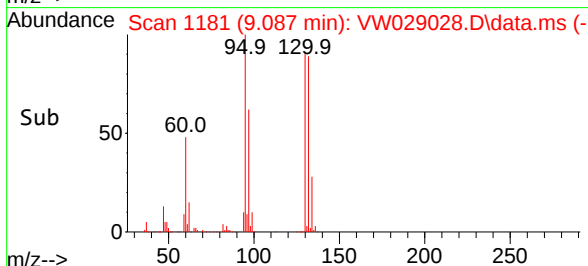
Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 230609
Ion Ratio Lower Upper
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97 62.5 41.9 77.7
132 88.8 60.1 111.5
130 90.2 64.2 119.2

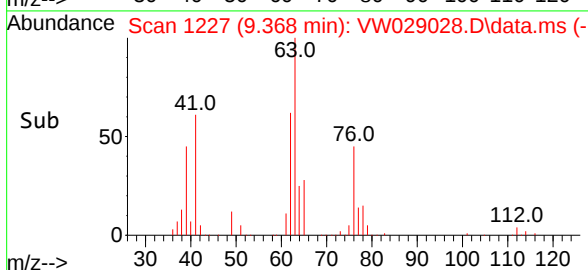
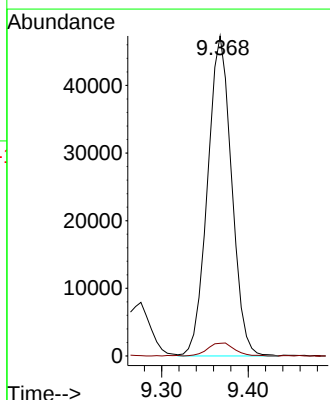
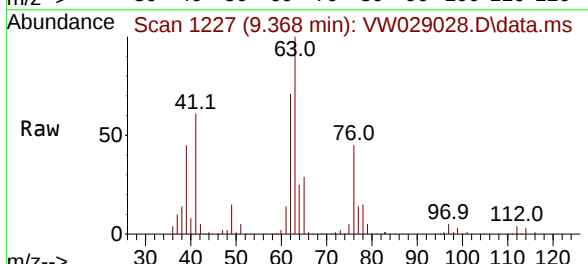
Manual Integrations
APPROVED

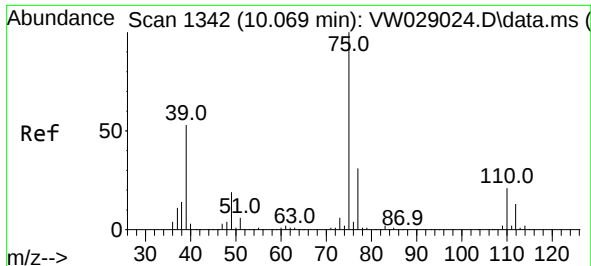
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#37
1,2-Dichloropropane
Concen: 18.690 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

Tgt Ion: 63 Resp: 91325
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4





#39

cis-1,3-Dichloropropene

Concen: 31.725 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029028.D

Acq: 06 Jun 2024 11:06

Instrument :

MSVOA_W

ClientSampleId :

A4DF9DL

Tgt Ion: 75 Resp: 22528

Ion Ratio Lower Upper

75 100

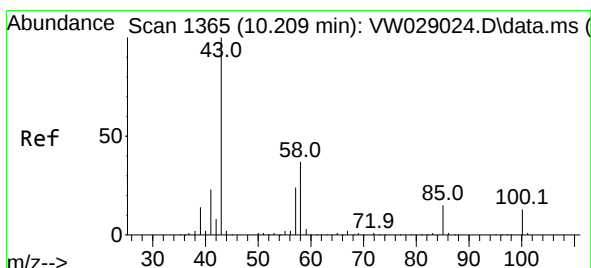
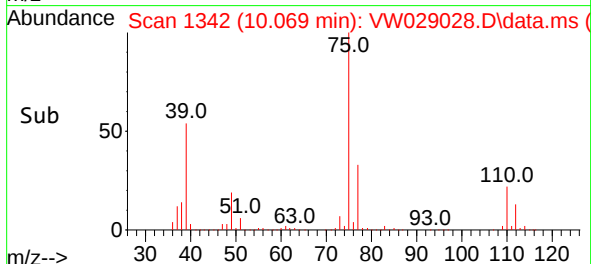
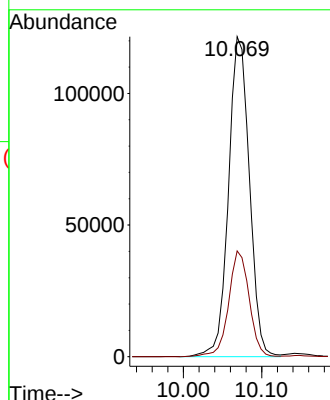
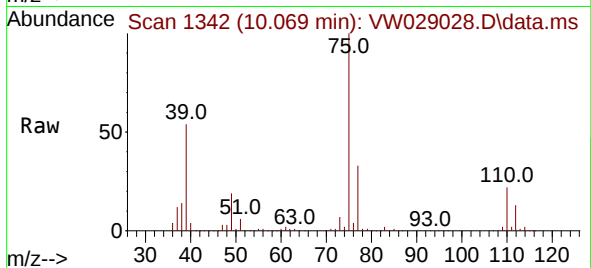
77 33.0 21.0 39.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#40

4-Methyl-2-pentanone

Concen: 85.728 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029028.D

Acq: 06 Jun 2024 11:06

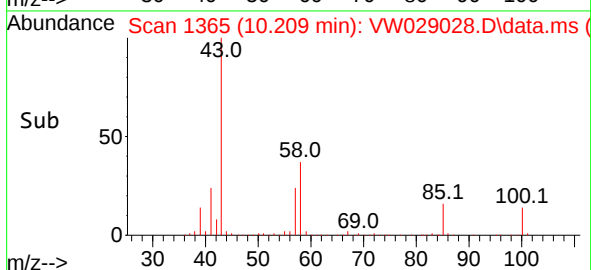
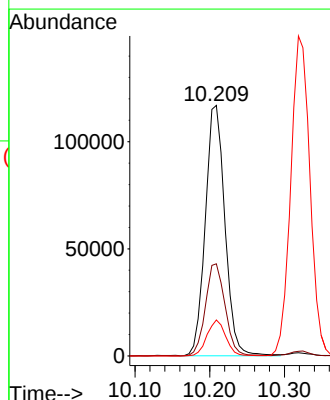
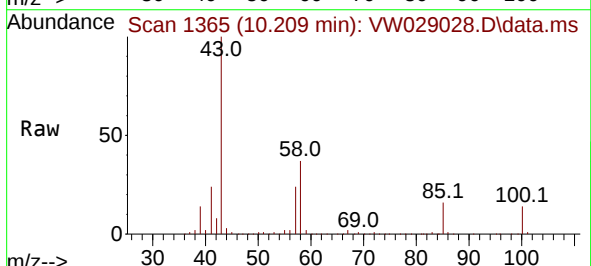
Tgt Ion: 43 Resp: 213066

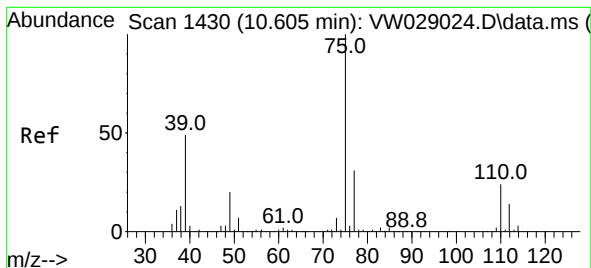
Ion Ratio Lower Upper

43 100

58 36.9 30.3 45.5

100 13.8 10.7 16.1





#44

trans-1,3-Dichloropropene

Concen: 36.248 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029028.D

Acq: 06 Jun 2024 11:06

Instrument :

MSVOA_W

ClientSampleId :

A4DF9DL

Tgt Ion: 75 Resp: 20751

Ion Ratio Lower Upper

75 100

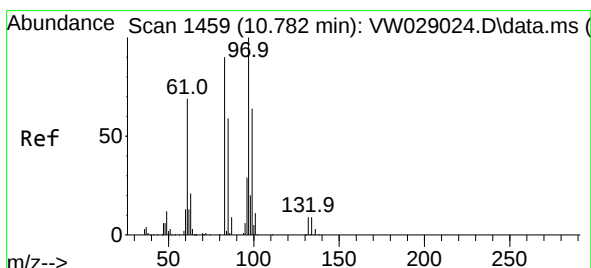
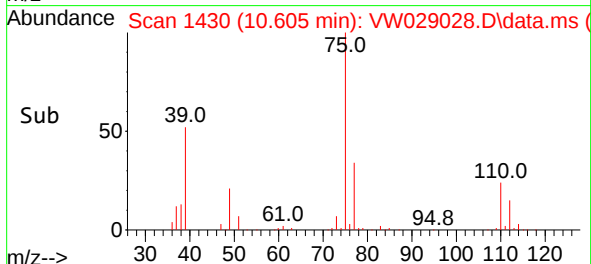
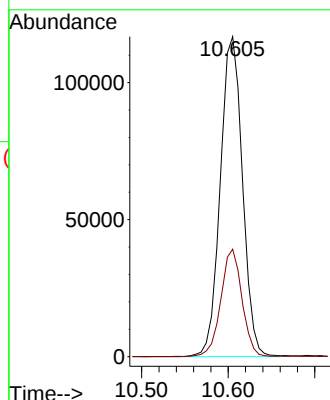
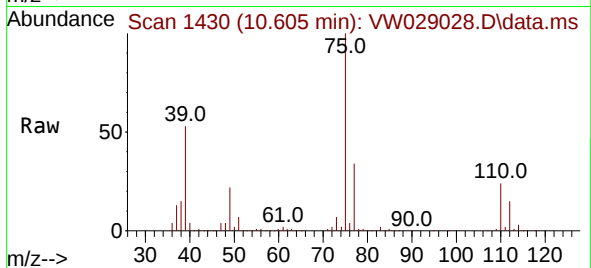
77 33.6 22.0 40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2024

Supervised By :Mahesh Dadoda 06/07/2024



#45

1,1,2-Trichloroethane

Concen: 24.885 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029028.D

Acq: 06 Jun 2024 11:06

Tgt Ion: 97 Resp: 82123

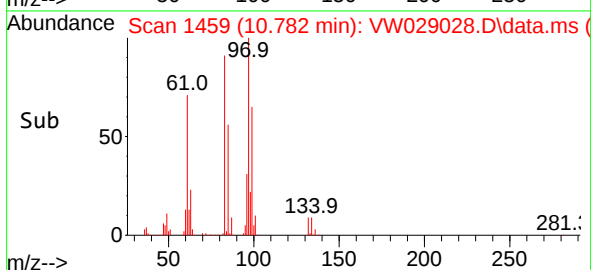
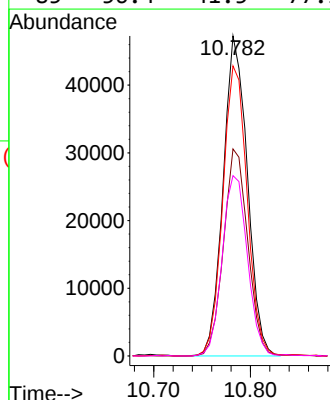
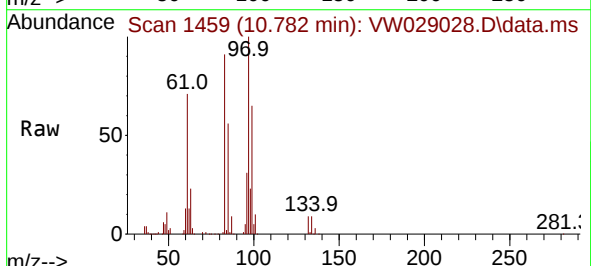
Ion Ratio Lower Upper

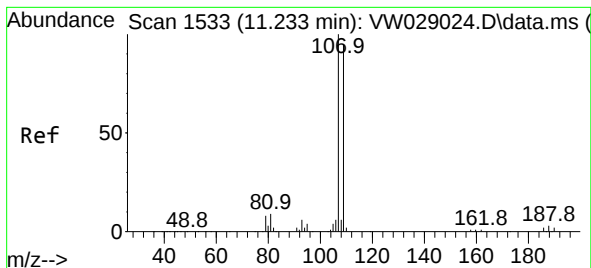
97 100

99 64.7 41.8 77.6

83 90.6 62.4 115.8

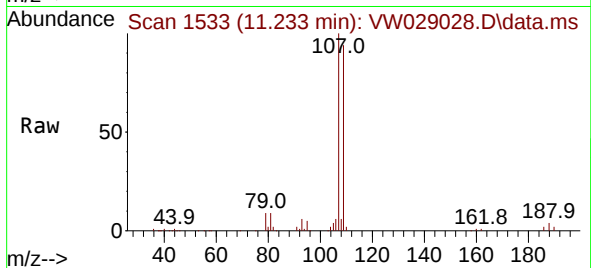
85 56.4 41.5 77.1





#50
1,2-Dibromoethane
Concen: 24.017 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

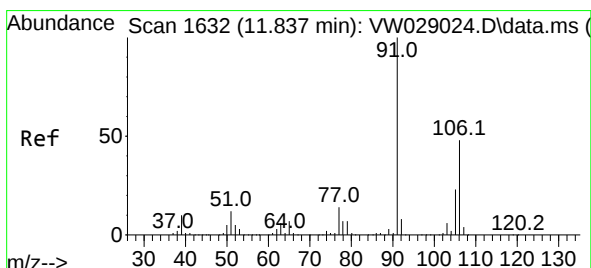
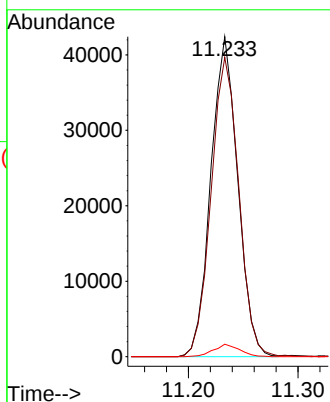
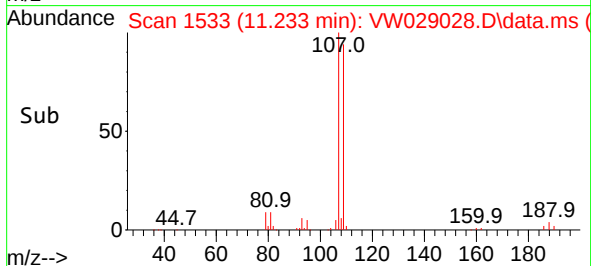
Instrument :
MSVOA_W
ClientSampleId :
A4DF9DL



Tgt Ion:107 Resp: 7235
Ion Ratio Lower Upper
107 100
109 93.5 67.9 126.1
188 3.9 3.0 4.4

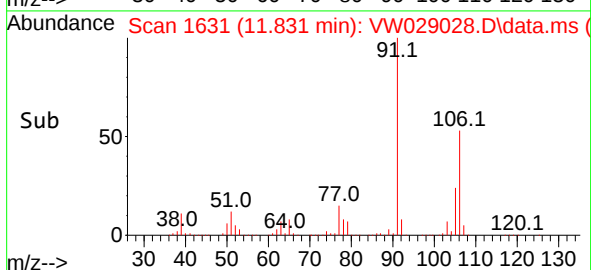
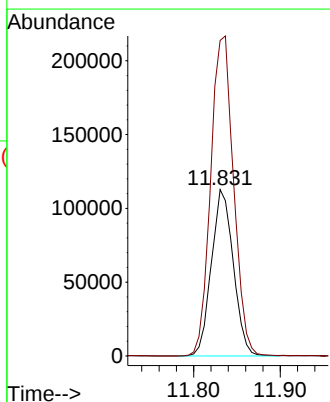
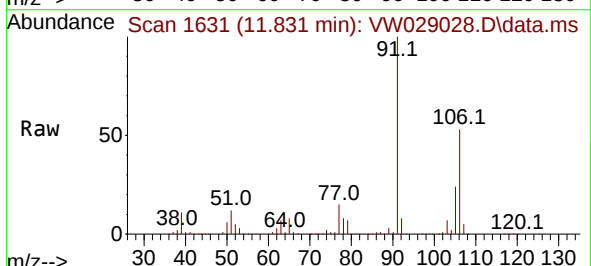
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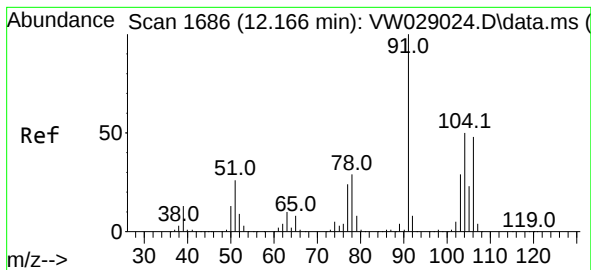
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#53
m,p-Xylene
Concen: 24.705 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

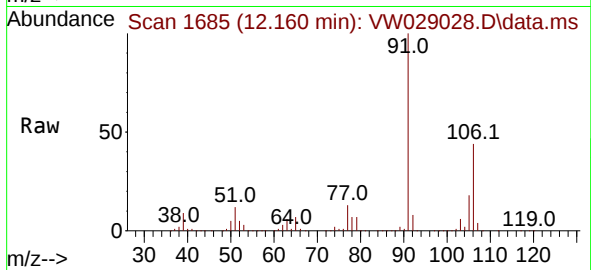
Tgt Ion:106 Resp: 198185
Ion Ratio Lower Upper
106 100
91 189.5 152.0 282.2





#54
o-Xylene
Concen: 32.948 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

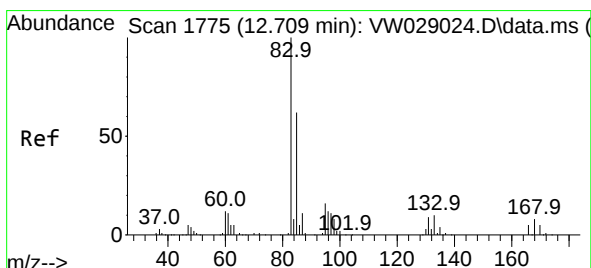
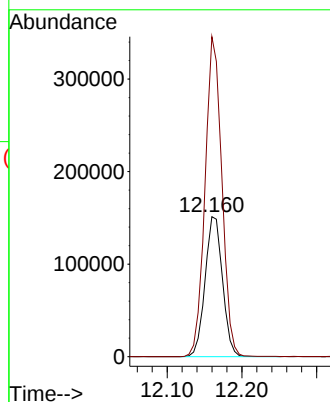
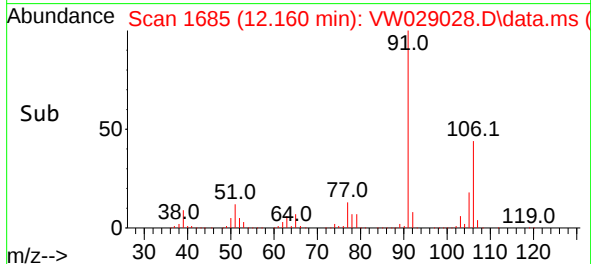
Instrument :
MSVOA_W
ClientSampleId :
A4DF9DL



Tgt Ion:106 Resp: 244738
Ion Ratio Lower Upper
106 100
91 228.5 152.5 283.3

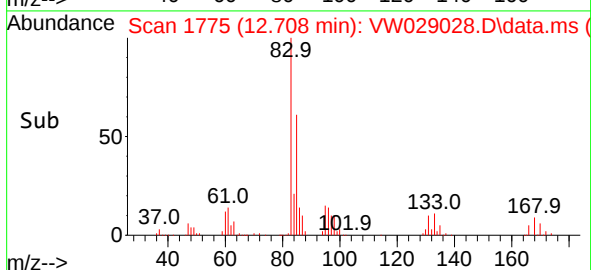
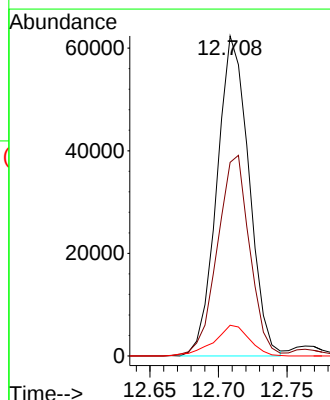
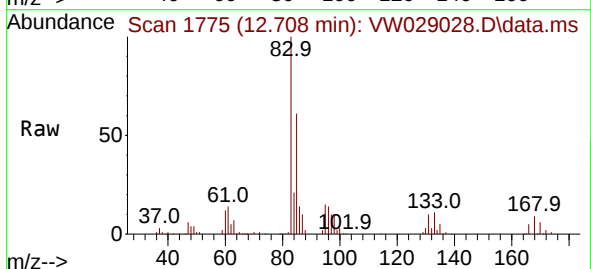
Manual Integrations
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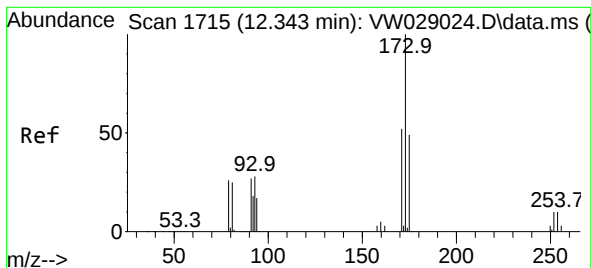
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 27.187 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

Tgt Ion: 83 Resp: 101283
Ion Ratio Lower Upper
83 100
85 60.5 43.8 81.3
131 9.6 7.3 10.9





#59

Bromoform

Concen: 9.920 ug/L

RT: 12.349 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VW029028.D

Acq: 06 Jun 2024 11:06

Instrument :

MSVOA_W

ClientSampleId :

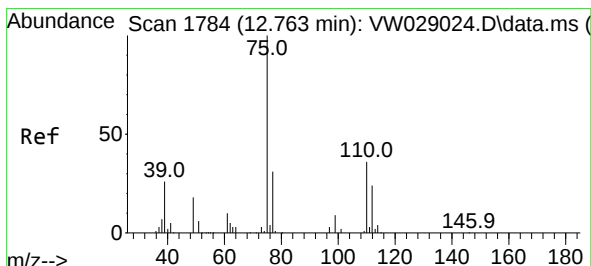
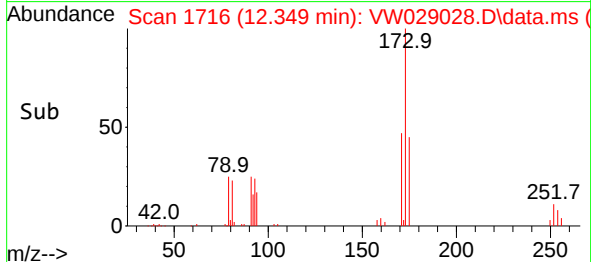
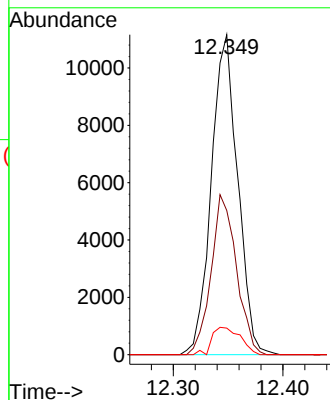
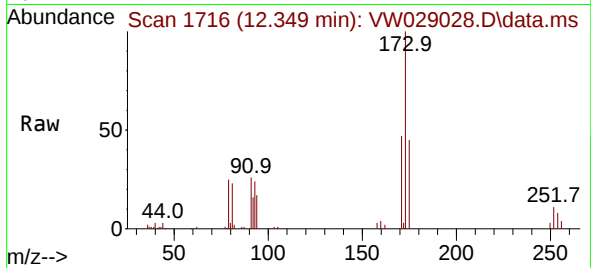
A4DF9DL

Tgt Ion:	173	Resp:	18640
Ion Ratio	Lower	Upper	
173	100		
175	48.1	38.1	57.1
254	8.9	8.2	12.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#61

1,2,3-Trichloropropane

Concen: 41.930 ug/L

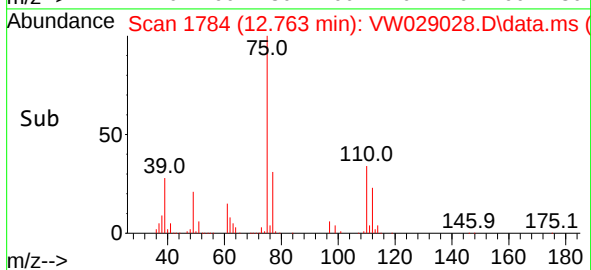
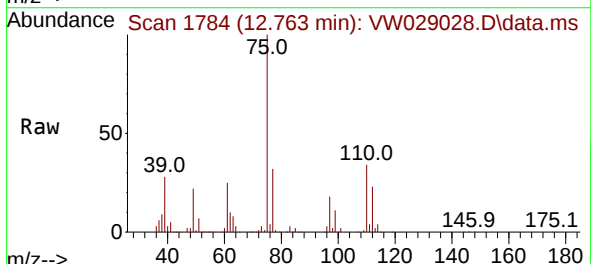
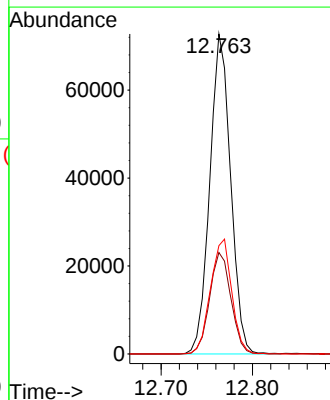
RT: 12.763 min Scan# 1784

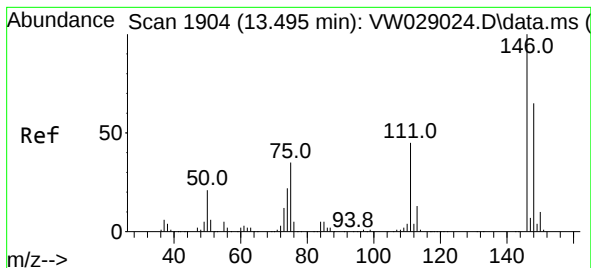
Delta R.T. -0.000 min

Lab File: VW029028.D

Acq: 06 Jun 2024 11:06

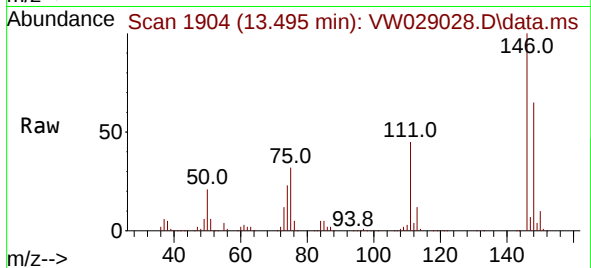
Tgt Ion:	75	Resp:	115575
Ion Ratio	Lower	Upper	
75	100		
77	32.5	26.3	39.5
110	36.7	29.4	44.0





#64
1,3-Dichlorobenzene
Concen: 19.835 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

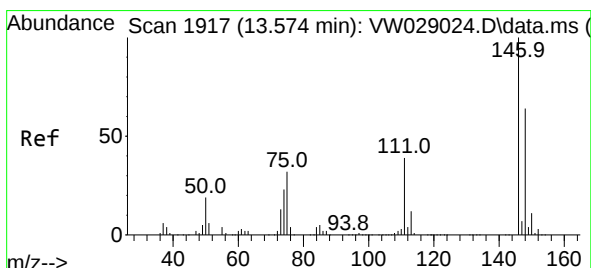
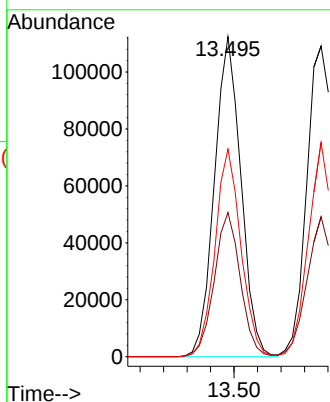
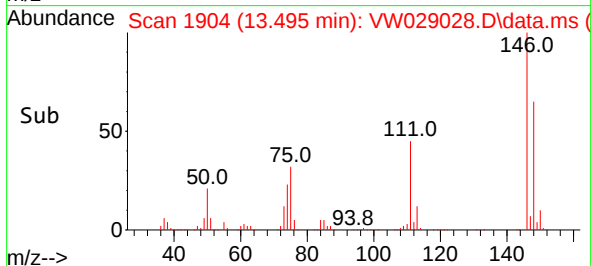
Instrument :
MSVOA_W
ClientSampleId :
A4DF9DL



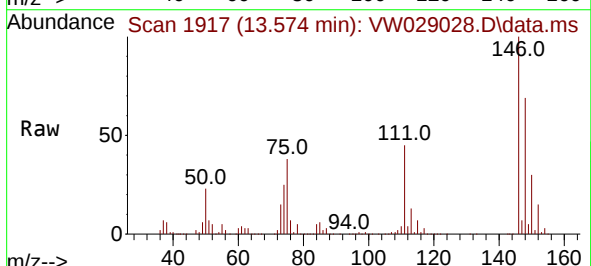
Tgt Ion:146 Resp: 176279
Ion Ratio Lower Upper
146 100
111 45.0 29.4 54.6
148 64.8 42.5 78.9

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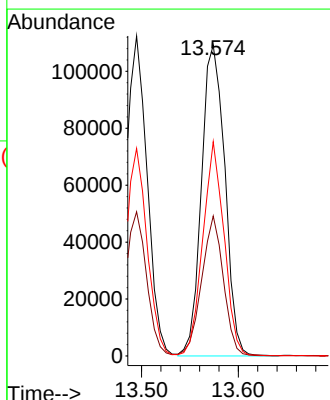
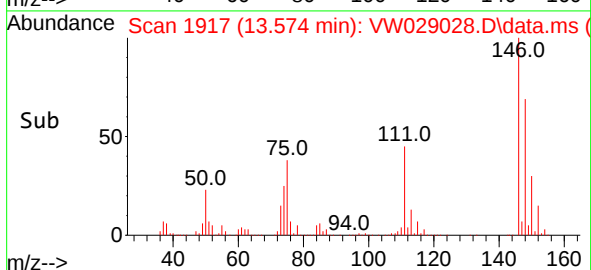
Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

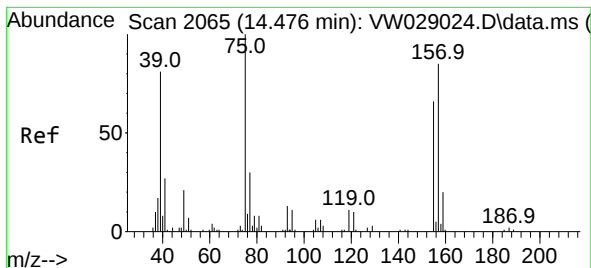


#65
1,4-Dichlorobenzene
Concen: 19.811 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06



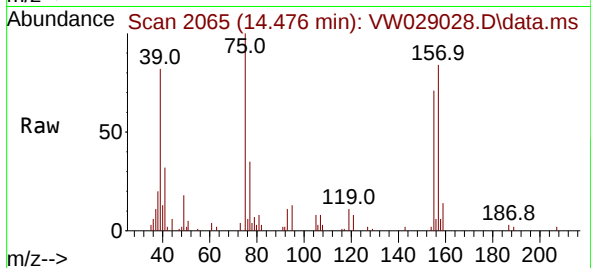
Tgt Ion:146 Resp: 183884
Ion Ratio Lower Upper
146 100
111 45.0 27.5 51.1
148 68.9 39.5 73.3





#68
1,2-Dibromo-3-chloropropane
Concen: 12.672 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06

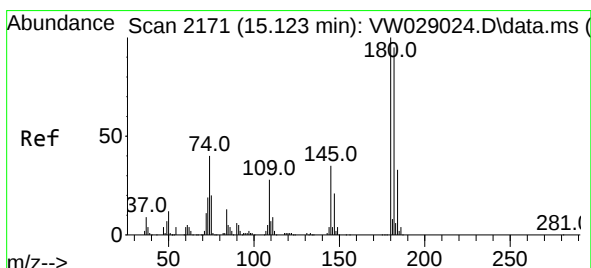
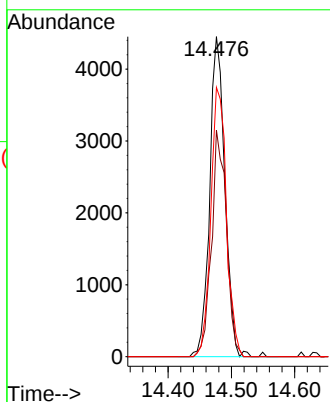
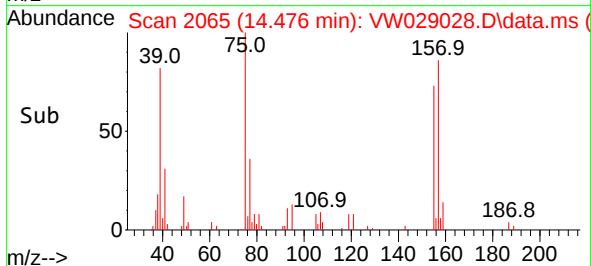
Instrument :
MSVOA_W
ClientSampleId :
A4DF9DL



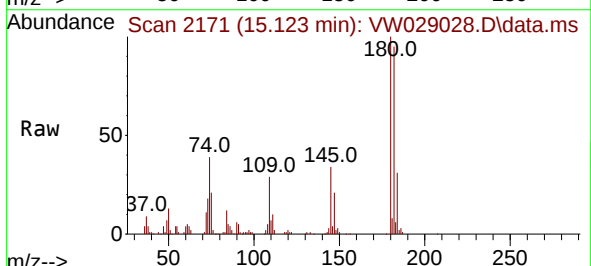
Tgt Ion: 75 Resp: 744
Ion Ratio Lower Upper
75 100
155 70.8 52.3 78.5
157 84.1 71.0 106.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024



#70
1,2,4-trichlorobenzene
Concen: 10.121 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW029028.D
Acq: 06 Jun 2024 11:06



Tgt Ion:180 Resp: 50052
Ion Ratio Lower Upper
180 100
182 96.1 75.3 112.9
145 33.6 26.2 39.2

