

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026470.D
 Acq On : 21 Jun 2022 00:59
 Operator : SY/MD
 Sample : N3345-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK7

Quant Time: Jun 21 08:39:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Semsettin Yesilyurt 06/24/2022

06/24/2022
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 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	193434	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	177154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74480	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.323	65	65698	3.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.584	69	55223	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.127	63	117160	4.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.918	46	102915	62.776	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.560%
24) Chloroform-d	4.362	84	117224	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.047	65	48403	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.063	84	235169	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.079	67	73438	5.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.320	98	198137	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.629	79	16366	3.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.092	63	81196	59.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44045	5.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62461	5.444	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%

Target Compounds

						Qvalue
5) Vinyl chloride	1.330	62	270714	16.213	ug/L	97
12) 1,1-Dichloroethene	2.137	96	49857	4.080	ug/L	96
13) Acetone	2.237	43	5291m	4.165	ug/L	
14) Carbon disulfide	2.314	76	7087	0.235	ug/L	100
17) Methyl tert-butyl Ether	2.790	73	177329	8.439	ug/L	96
18) trans-1,2-Dichloroethene	2.777	96	164687	13.895	ug/L	98
19) 1,1-Dichloroethane	3.208	63	85600	3.787	ug/L	98
22) cis-1,2-Dichloroethene	3.925	96	6401450	533.827	ug/L	99
25) Chloroform	4.394	83	10131	0.413	ug/L	98
33) Benzene	5.114	78	71511	1.575	ug/L	100
34) Trichloroethene	5.921	95	4116933	332.019	ug/L	97
37) 1,2-Dichloropropane	6.182	63	69875	5.882	ug/L	98
42) Toluene	7.397	91	28422	0.595	ug/L	97
45) 1,1,2-Trichloroethane	7.847	97	2191m	0.281	ug/L	
47) Tetrachloroethene	7.989	164	11716454	1275.671	ug/L	93
51) Chlorobenzene	8.883	112	2682	0.086	ug/L	# 86
52) Ethylbenzene	9.021	91	5085	0.106	ug/L	98
53) m,p-Xylene	9.143	106	4208	0.225	ug/L	82
54) o-Xylene	9.545	106	1529	0.085	ug/L	90

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

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

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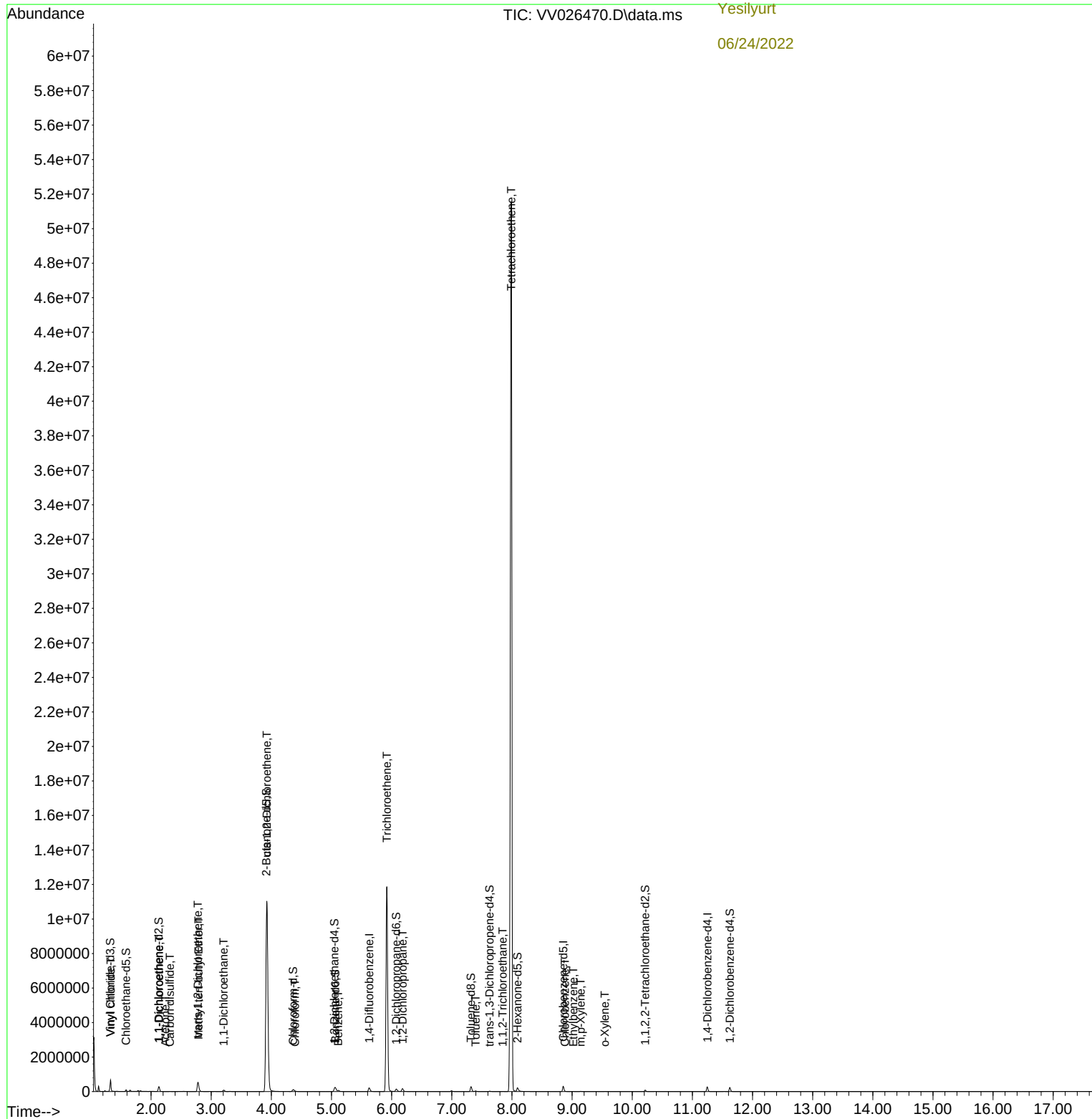
Manual Integrations
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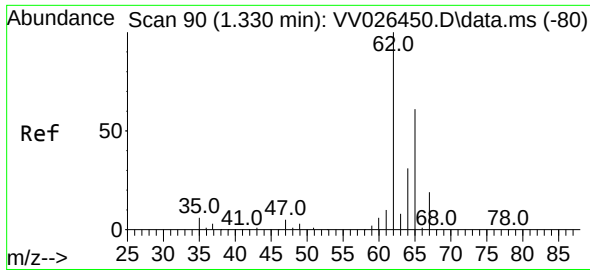
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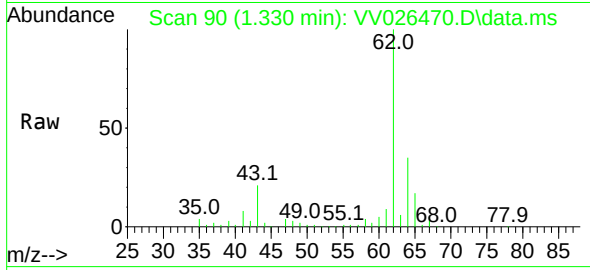
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#5
 Vinyl chloride
 Concen: 16.213 ug/L
 RT: 1.330 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VV026470.D
 Acq: 21 Jun 2022 00:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK7



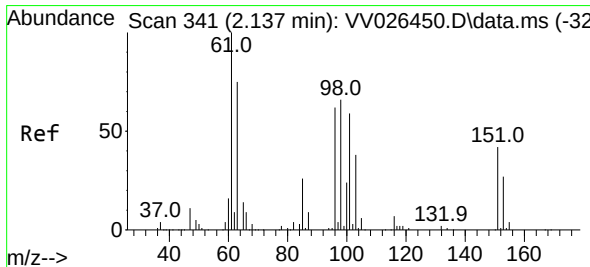
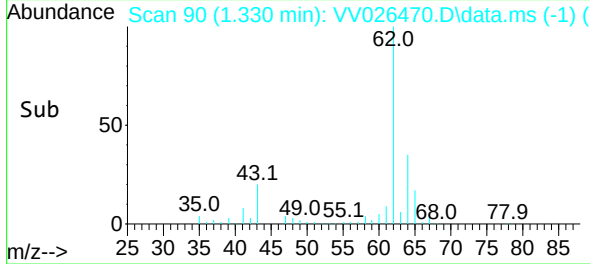
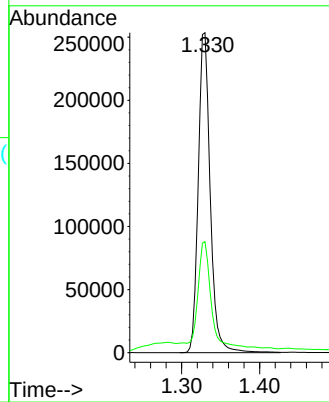
Tgt Ion: 62 Resp: 270714
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.2 43.2

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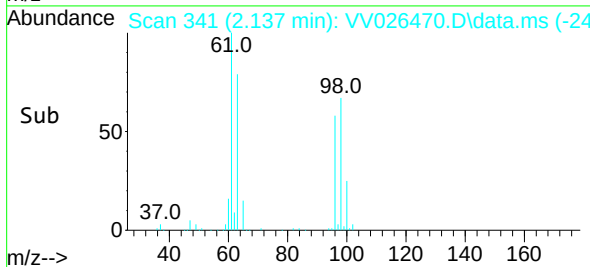
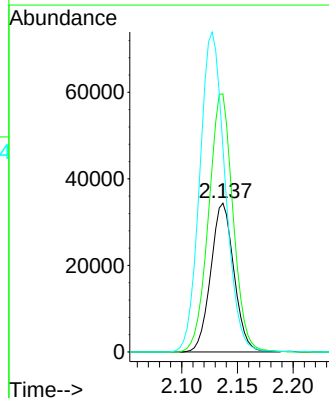
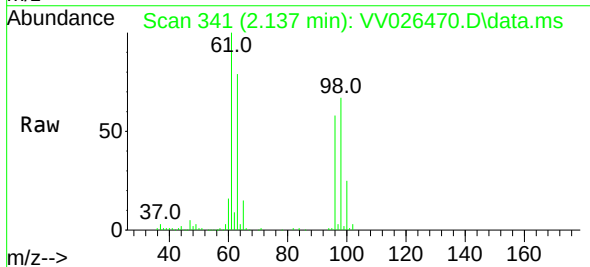
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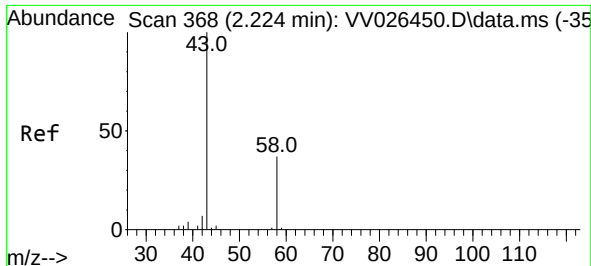
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#12
 1,1-Dichloroethene
 Concen: 4.080 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VV026470.D
 Acq: 21 Jun 2022 00:59

Tgt Ion: 96 Resp: 49857
 Ion Ratio Lower Upper
 96 100
 61 173.4 117.1 217.5
 63 137.7 92.8 172.4





#13

Acetone

Concen: 4.165 ug/L m

RT: 2.237 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV026470.D

Acq: 21 Jun 2022 00:59

Instrument :

MSVOA_V

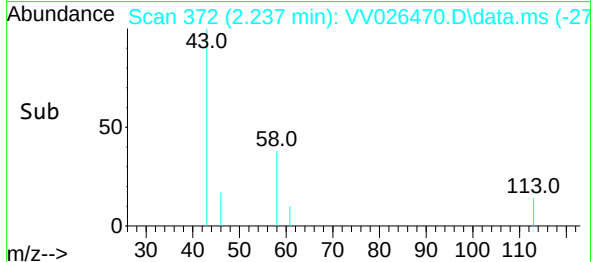
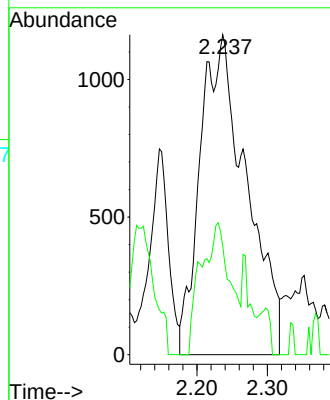
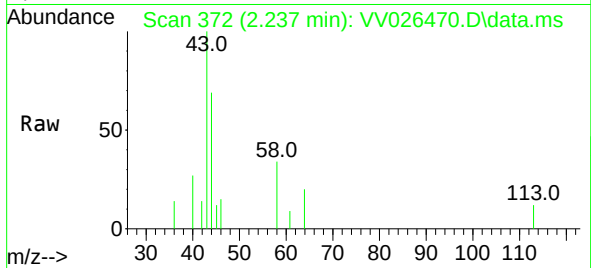
ClientSampleId :

C0AK7

Tgt Ion: 43 Resp: 529
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 60.0

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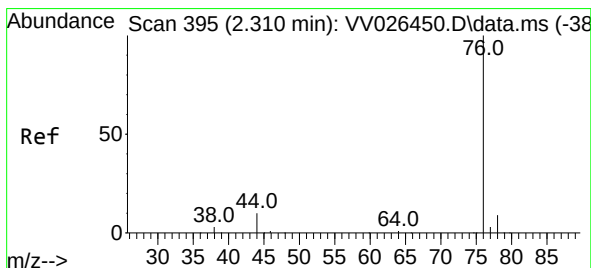
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#14

Carbon disulfide

Concen: 0.235 ug/L

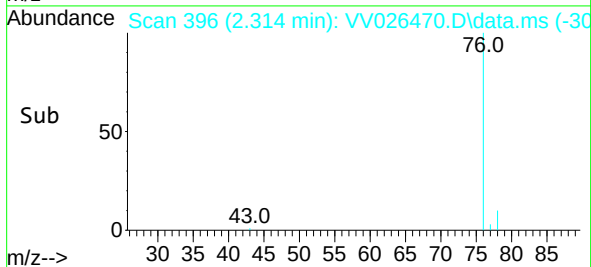
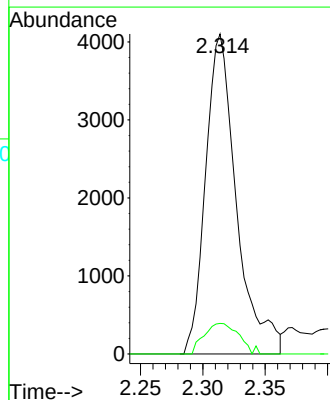
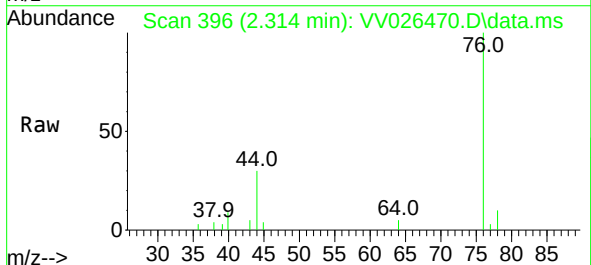
RT: 2.314 min Scan# 396

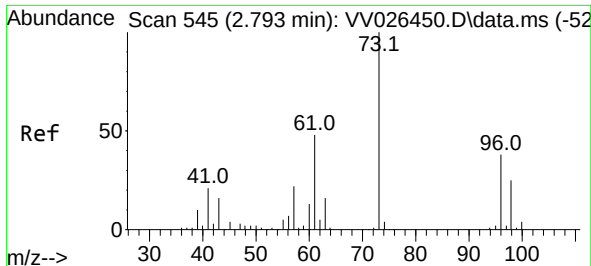
Delta R.T. 0.003 min

Lab File: VV026470.D

Acq: 21 Jun 2022 00:59

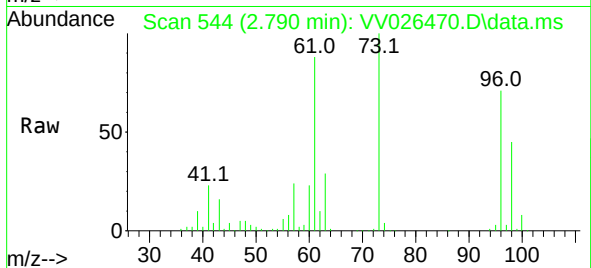
Tgt Ion: 76 Resp: 7087
 Ion Ratio Lower Upper
 76 100
 78 9.6 7.7 11.5





#17
Methyl tert-butyl Ether
Concen: 8.439 ug/L
RT: 2.790 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Instrument :
MSVOA_V
ClientSampleId :
C0AK7



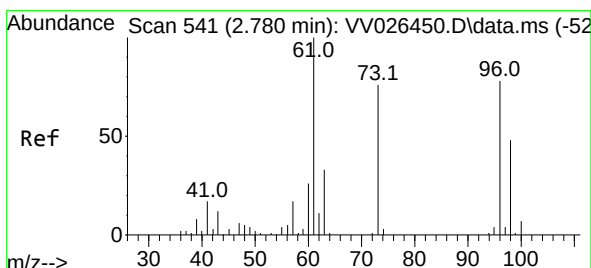
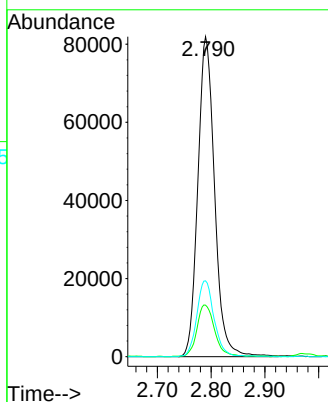
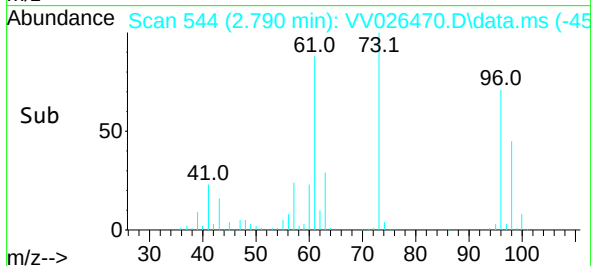
Tgt Ion: 73 Resp: 177329
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.6
57 24.4 17.6 26.4

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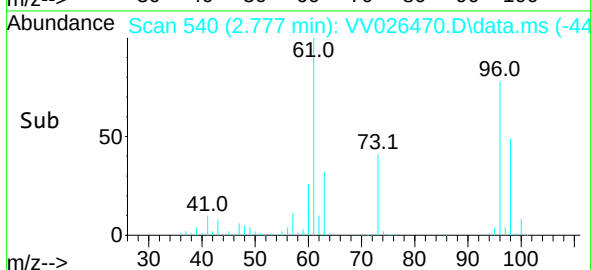
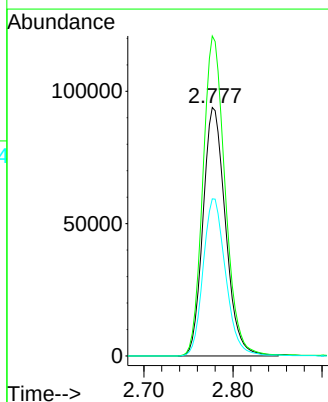
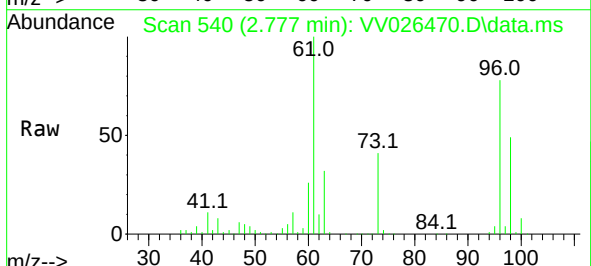
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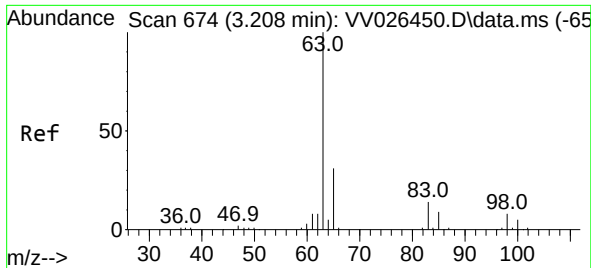
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#18
trans-1,2-Dichloroethene
Concen: 13.895 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.003 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Tgt Ion: 96 Resp: 164687
Ion Ratio Lower Upper
96 100
61 128.7 91.3 169.6
98 63.2 45.3 84.1





#19

1,1-Dichloroethane

Concen: 3.787 ug/L

RT: 3.208 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026470.D

Acq: 21 Jun 2022 00:59

Instrument :

MSVOA_V

ClientSampleId :

C0AK7

Tgt Ion: 63	Resp: 85600
Ion Ratio	Lower Upper
63 100	
65 32.5	22.3 41.3
83 13.7	8.9 16.5

Manual Integrations

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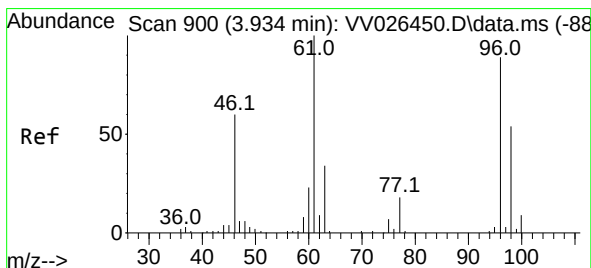
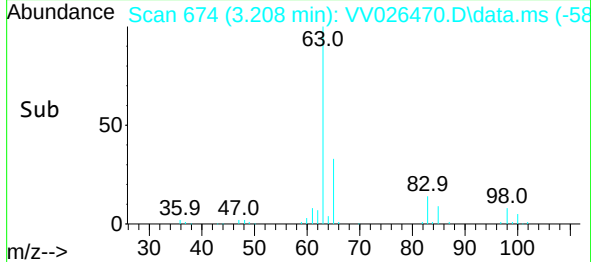
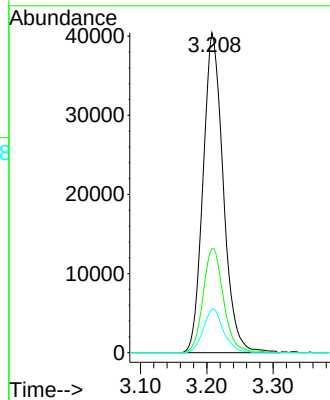
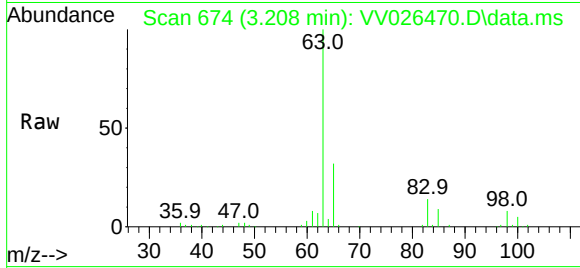
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Yesilyurt

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#22

cis-1,2-Dichloroethene

Concen: 533.827 ug/L

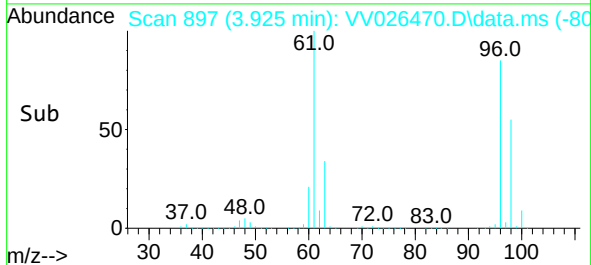
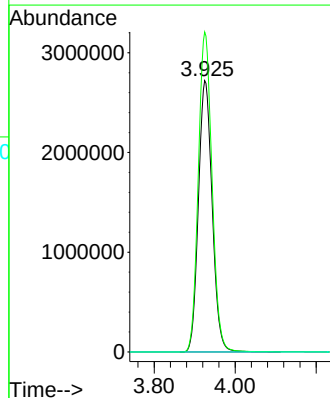
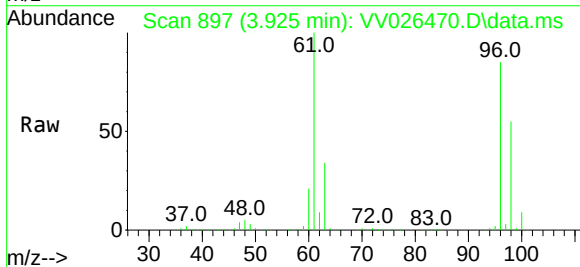
RT: 3.925 min Scan# 897

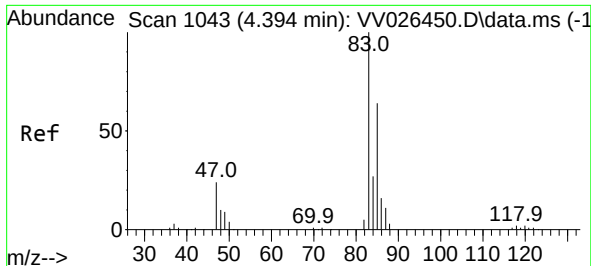
Delta R.T. -0.010 min

Lab File: VV026470.D

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Tgt Ion: 96	Resp: 6401450
Ion Ratio	Lower Upper
96 100	
61 118.0	83.6 155.2
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.413 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.000 min

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Tgt Ion: 83 Resp: 1013

Ion Ratio Lower Upper

83 100

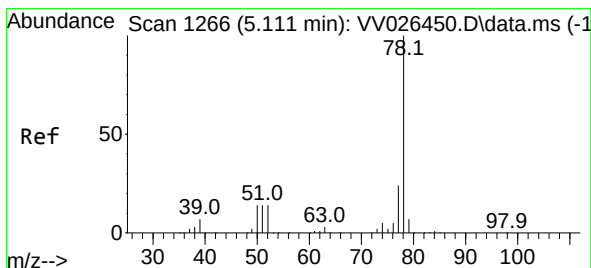
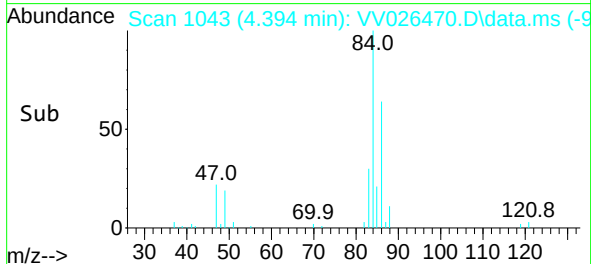
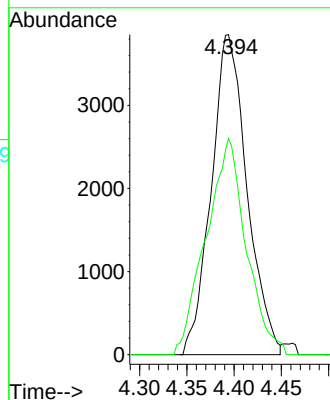
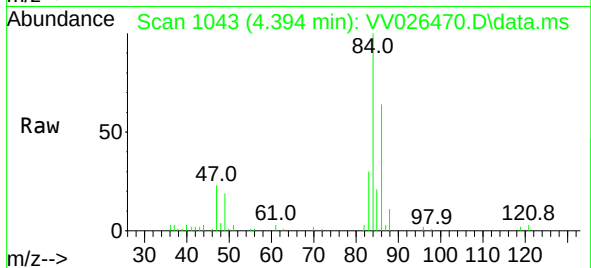
85 67.6 46.5 86.3

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#33

Benzene

Concen: 1.575 ug/L

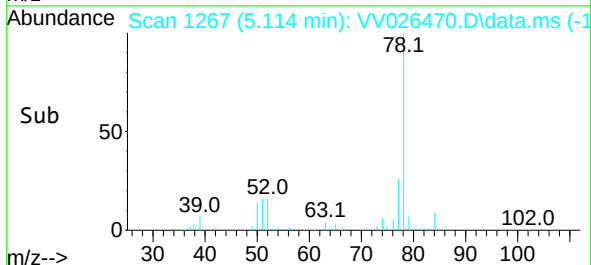
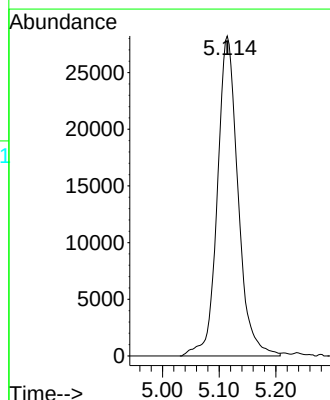
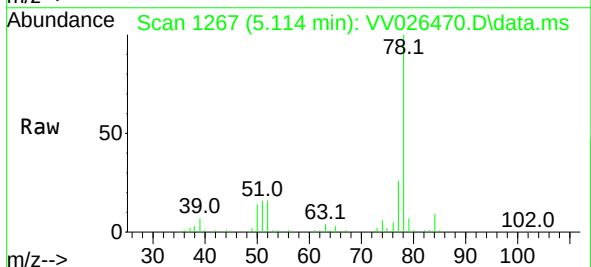
RT: 5.114 min Scan# 1267

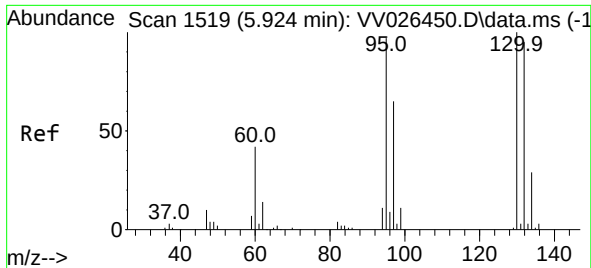
Delta R.T. 0.003 min

Lab File: VV026470.D

Acq: 21 Jun 2022 00:59

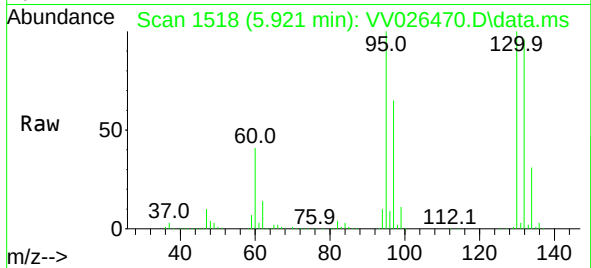
Tgt Ion: 78 Resp: 71511





#34
Trichloroethene
Concen: 332.019 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. -0.003 min
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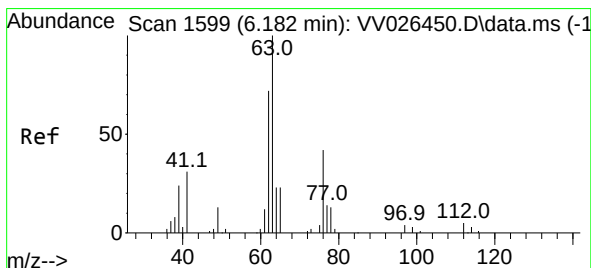
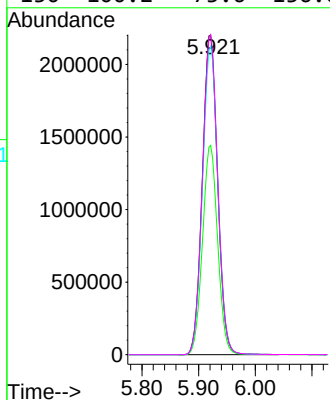
Tgt Ion: 95 Resp: 411693
Ion Ratio Lower Upper
95 100
97 65.5 46.5 86.3
132 96.6 68.8 127.8
130 100.2 73.6 136.6

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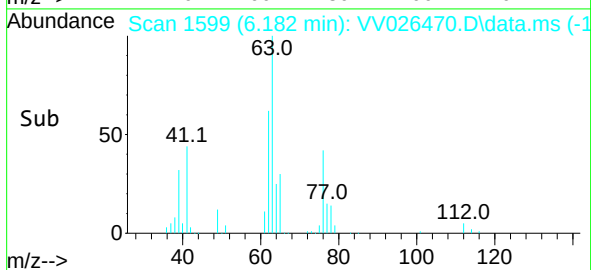
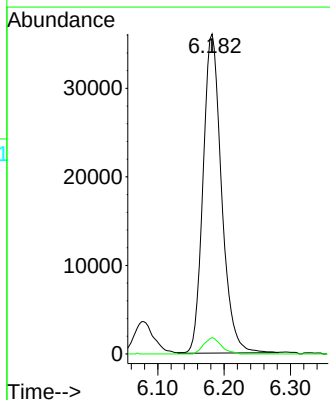
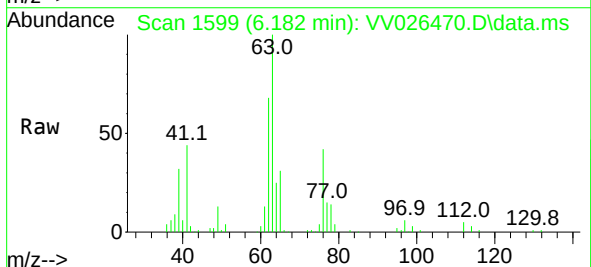
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Supervised By :Semsettin
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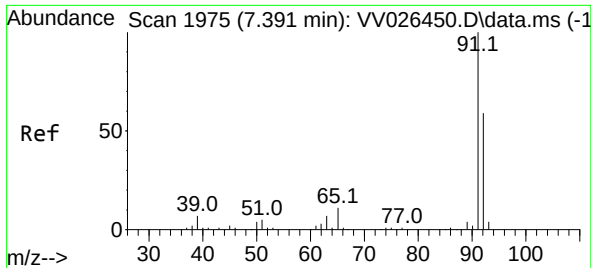
06/24/2022



#37
1,2-Dichloropropane
Concen: 5.882 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

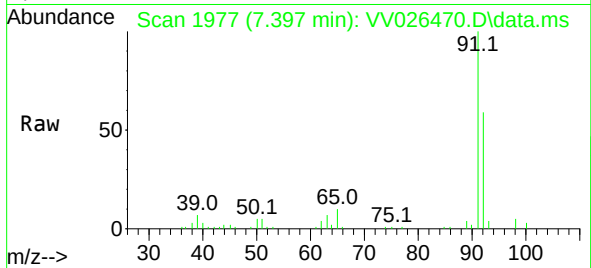
Tgt Ion: 63 Resp: 69875
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9





#42
Toluene
Concen: 0.595 ug/L
RT: 7.397 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Instrument :
MSVOA_V
ClientSampleId :
C0AK7



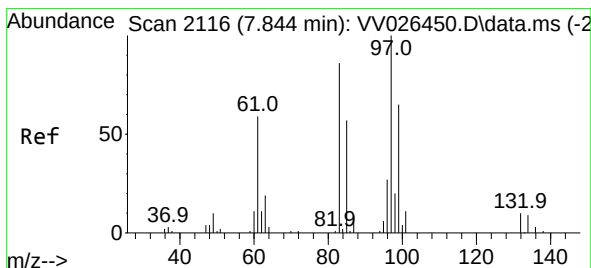
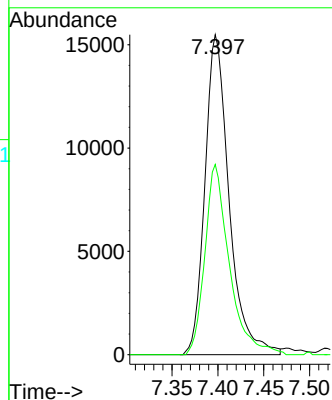
Tgt Ion: 91 Resp: 2842
Ion Ratio Lower Upper
91 100
92 59.4 40.1 74.5

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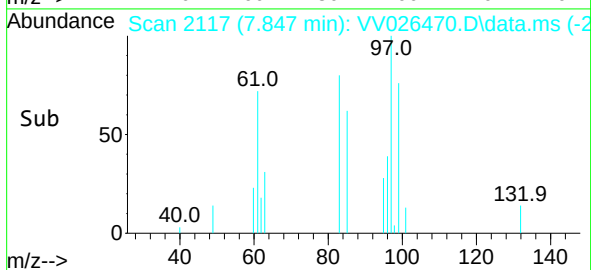
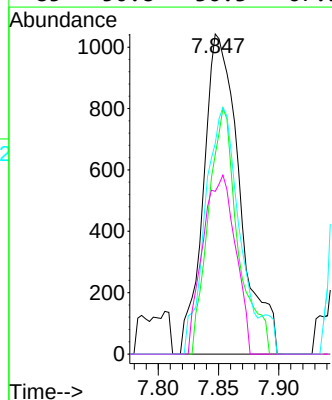
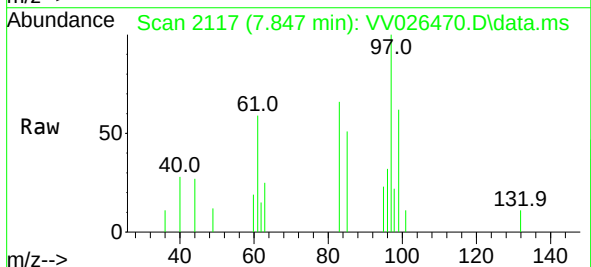
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Supervised By :Semsettin
Yesilyurt

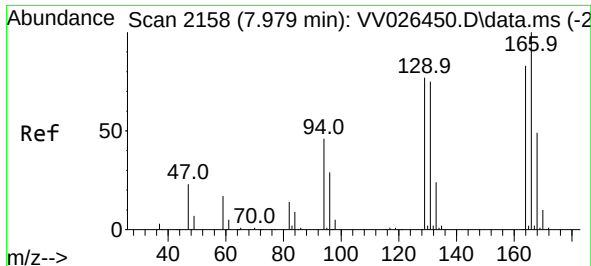
06/24/2022



#45
1,1,2-Trichloroethane
Concen: 0.281 ug/L m
RT: 7.847 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Tgt Ion: 97 Resp: 2191
Ion Ratio Lower Upper
97 100
99 62.3 42.4 78.6
83 65.8 56.1 104.1
85 50.8 36.3 67.5





#47

Tetrachloroethene

Concen: 1275.671 ug/L

RT: 7.989 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV026470.D

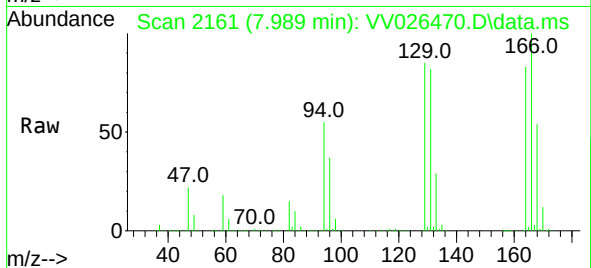
Acq: 21 Jun 2022 00:59

Instrument :

MSVOA_V

ClientSampleId :

C0AK7



Tgt Ion:164 Resp:1171645

Ion Ratio Lower Upper

164 100

129 101.9 67.5 125.3

131 98.8 63.8 118.4

166 119.8 89.5 166.3

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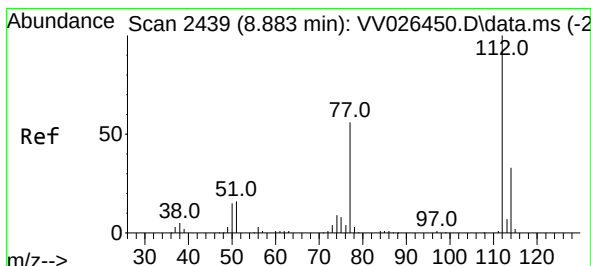
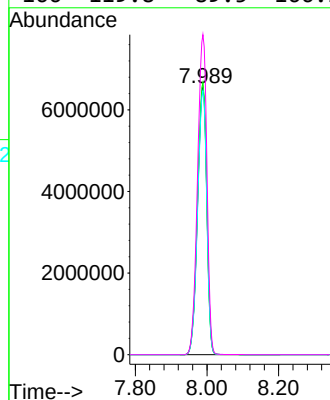
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#51

Chlorobenzene

Concen: 0.086 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026470.D

Acq: 21 Jun 2022 00:59

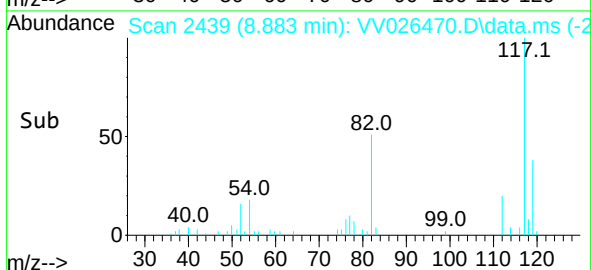
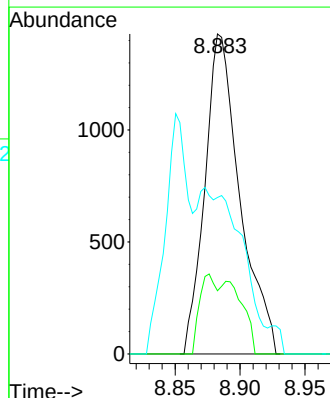
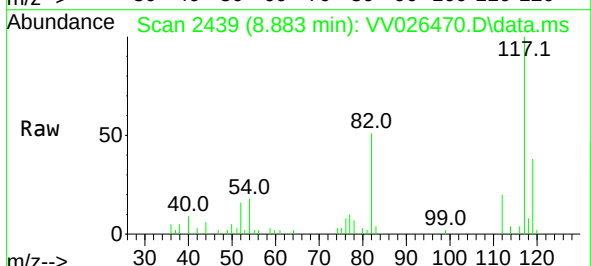
Tgt Ion:112 Resp: 2682

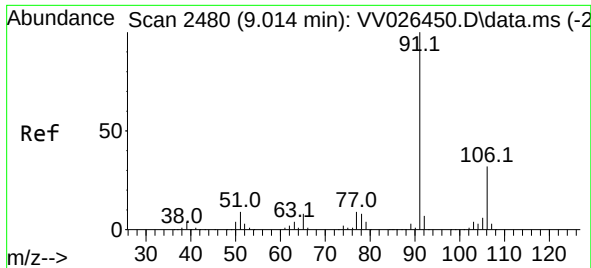
Ion Ratio Lower Upper

112 100

114 19.7 22.7 42.3#

77 48.9 44.5 66.7





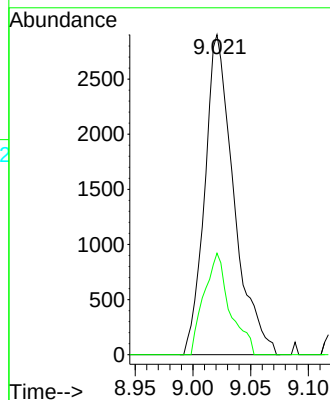
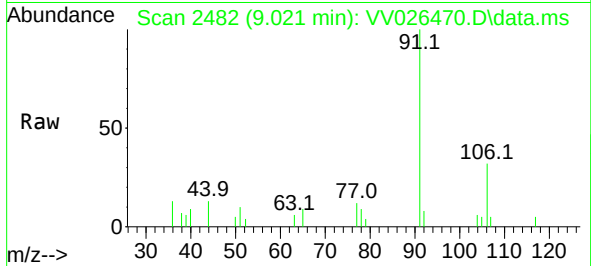
#52
Ethylbenzene
Concen: 0.106 ug/L
RT: 9.021 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Instrument :
MSVOA_V
ClientSampleId :
C0AK7

Tgt Ion: 91 Resp: 508
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.0

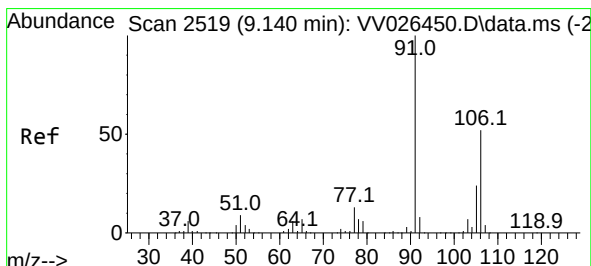
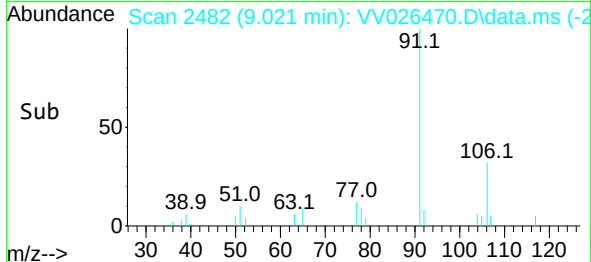
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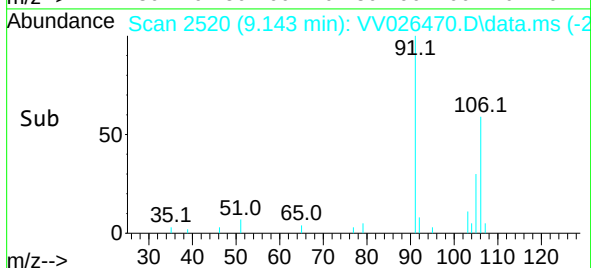
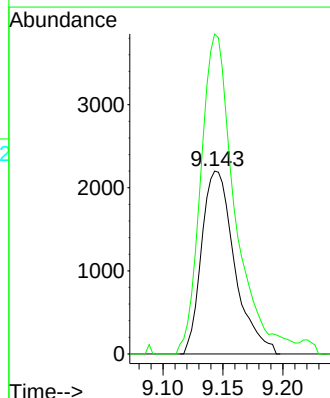
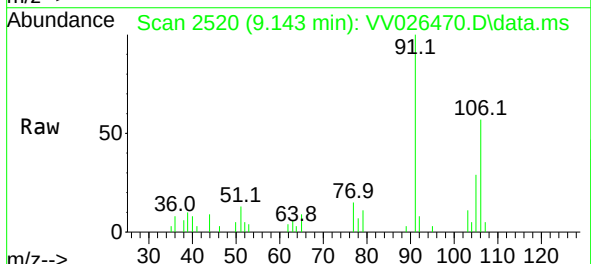
06/24/2022
Supervised By :Semsettin
Yesilyurt

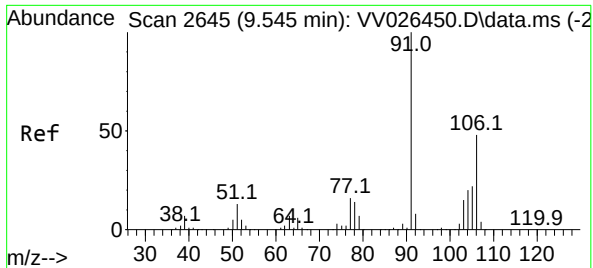
06/24/2022



#53
m,p-Xylene
Concen: 0.225 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Tgt Ion:106 Resp: 4208
Ion Ratio Lower Upper
106 100
91 175.0 141.3 262.3





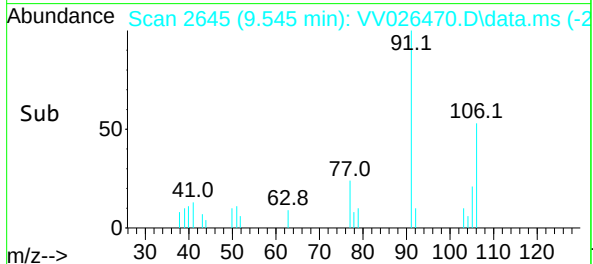
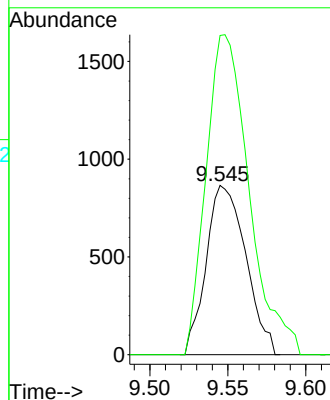
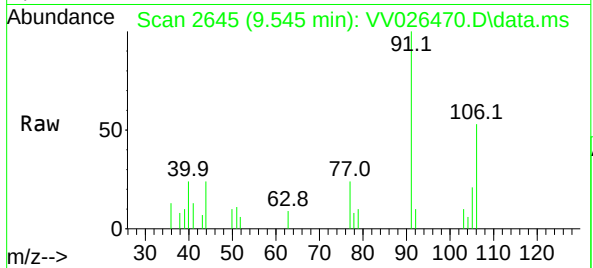
#54
o-Xylene
Concen: 0.085 ug/L
RT: 9.545 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV026470.D
Acq: 21 Jun 2022 00:59

Instrument :
MSVOA_V
ClientSampleId :
C0AK7

Tgt Ion:106 Resp: 1529
Ion Ratio Lower Upper
106 100
91 188.6 143.3 266.1

Manual Integrations APPROVED

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Yesilyurt

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