

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041349.D
 Acq On : 02 May 2024 13:27
 Operator : JC/MD
 Sample : P2264-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-042424

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 03 01:37:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	249666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88526	45.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.340%		
35) Dibromofluoromethane	5.385	113	74816	44.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.440%		
50) Toluene-d8	8.647	98	251583	46.980	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.960%		
62) 4-Bromofluorobenzene	11.079	95	97296	46.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.880%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	10256	8.098	ug/l	99
25) 2-Butanone	4.599	43	3289	2.593	ug/l	99
31) Cyclohexane	5.464	56	78081	33.009	ug/l	92
39) Methylcyclohexane	7.379	83	49806	20.955	ug/l	95
40) Benzene	6.037	78	90905	14.576	ug/l	98
52) Toluene	8.720	92	18841	4.938	ug/l	93
67) Ethyl Benzene	10.195	91	15861	2.156	ug/l	96
68) m/p-Xylenes	10.299	106	66315	22.513	ug/l	96
69) o-Xylene	10.646	106	2693	0.955	ug/l	90
73) Isopropylbenzene	10.963	105	636756	86.431	ug/l	96
78) n-propylbenzene	11.305	91	1389219	179.539	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	9894m	1.647	ug/l	
83) tert-Butylbenzene	11.713	119	33232	5.167	ug/l	97
85) sec-Butylbenzene	11.890	105	170526	23.137	ug/l	98
89) n-Butylbenzene	12.329	91	87621	16.462	ug/l #	80
95) Naphthalene	13.774	128	22096	2.672	ug/l #	91

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

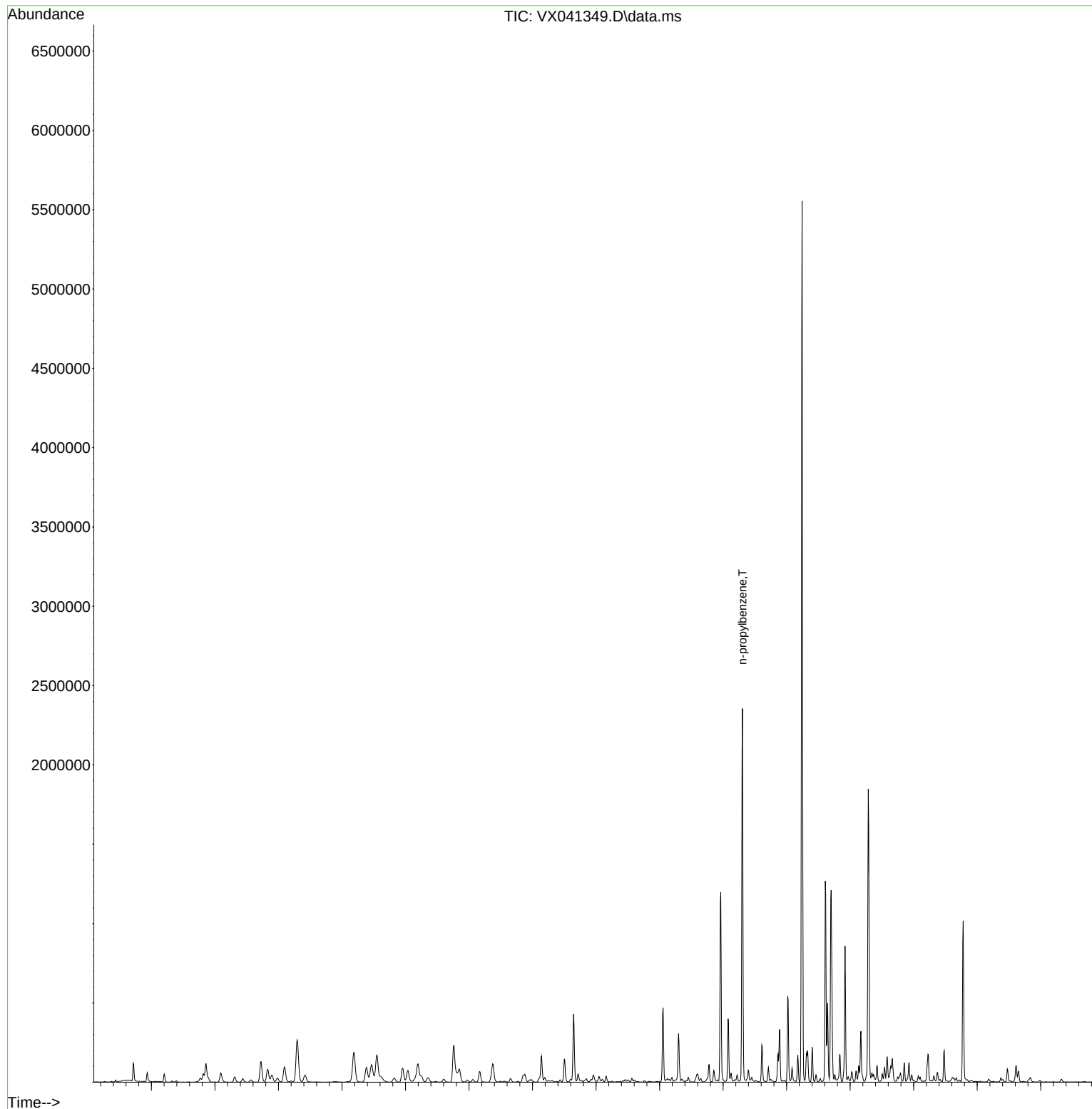
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
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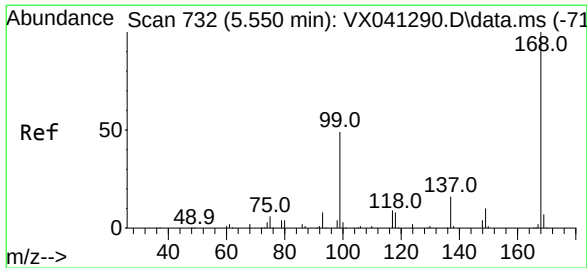
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424

Quant Time: May 03 01:37:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
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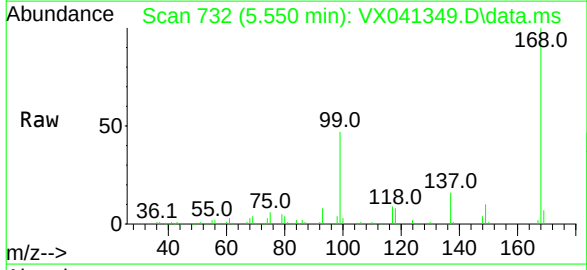
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

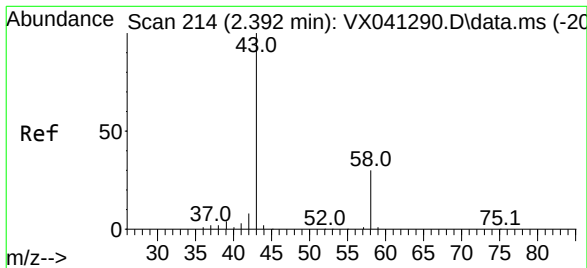
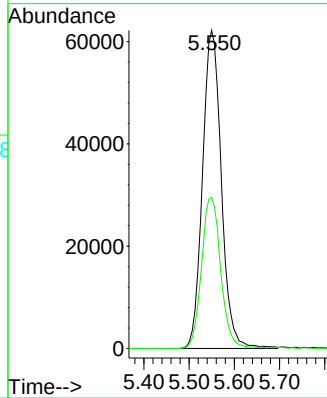
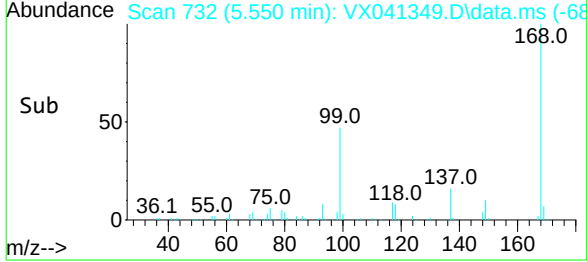
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion:168 Resp: 180032
Ion Ratio Lower Upper
168 100
99 47.5 56.6 85.0#

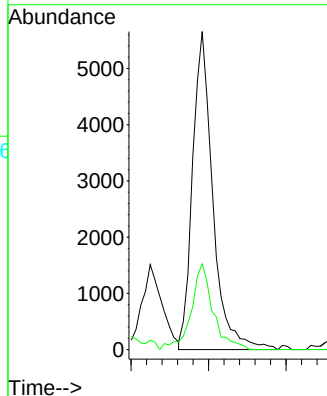
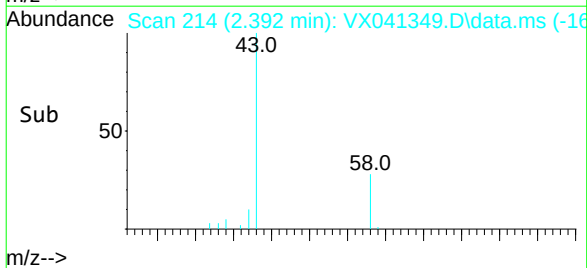
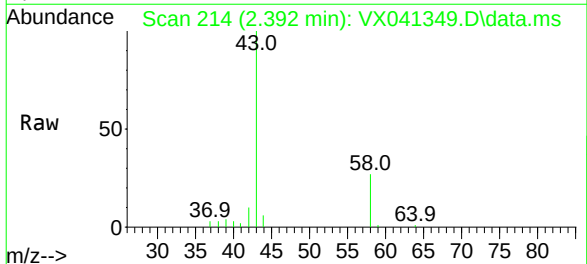
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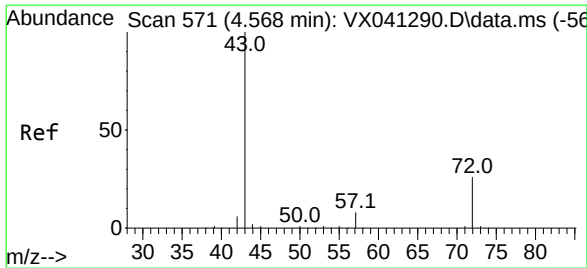
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#16
Acetone
Concen: 8.098 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

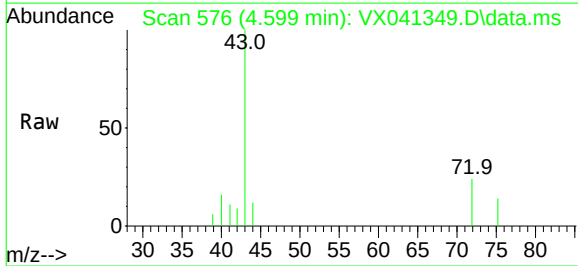
Tgt Ion: 43 Resp: 10256
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9





#25
2-Butanone
Concen: 2.593 ug/l
RT: 4.599 min Scan# 571
Delta R.T. 0.031 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

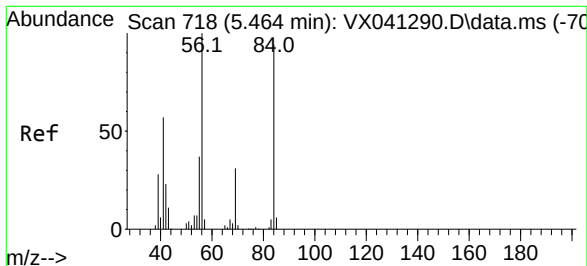
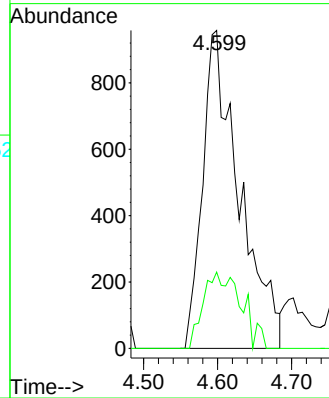
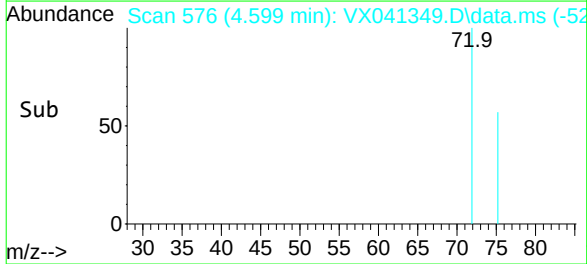
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

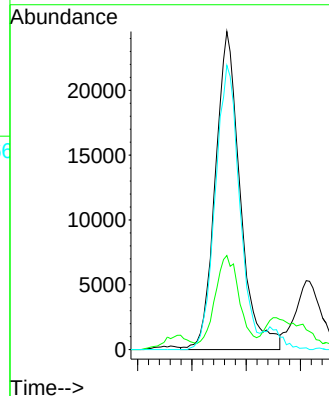
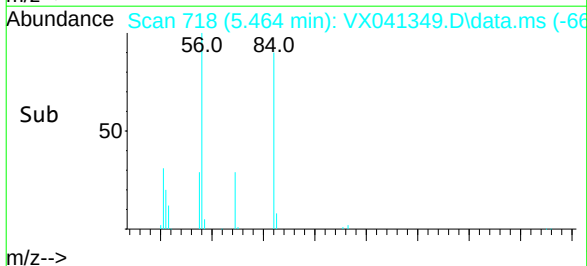
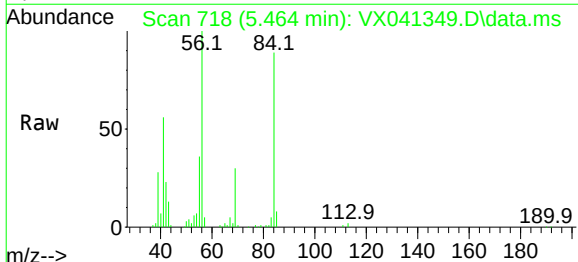
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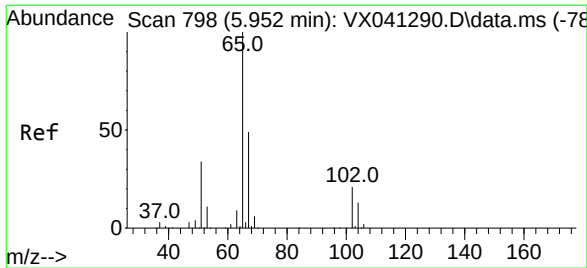
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#31
Cyclohexane
Concen: 33.009 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

Tgt Ion: 56 Resp: 78081
Ion Ratio Lower Upper
56 100
69 25.2 23.4 35.2
84 90.0 65.9 98.9





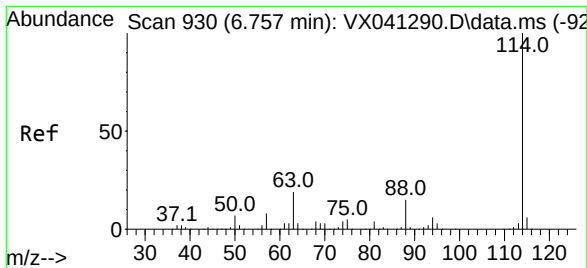
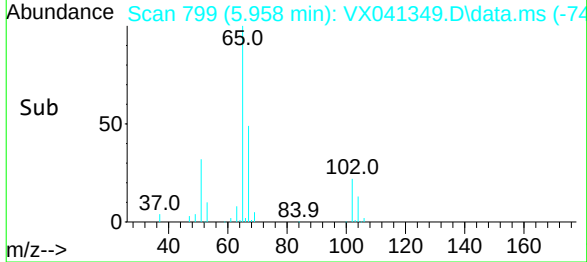
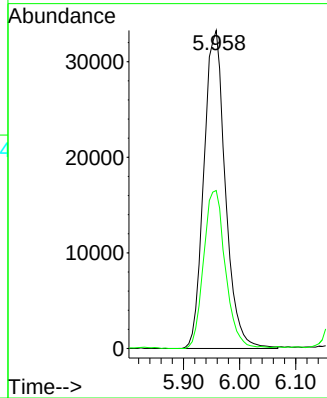
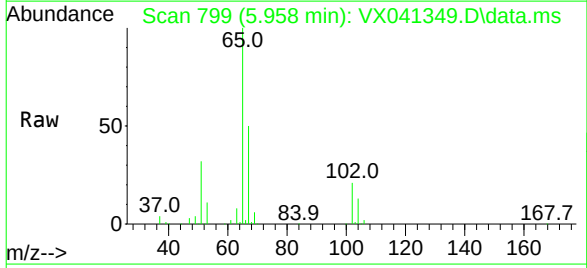
#33
1,2-Dichloroethane-d4
Concen: 45.169 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424

Tgt Ion: 65 Resp: 88526
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

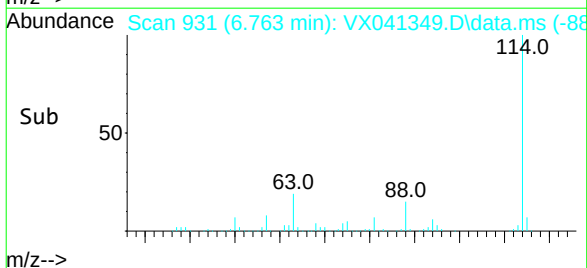
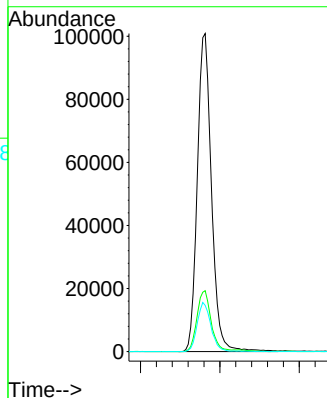
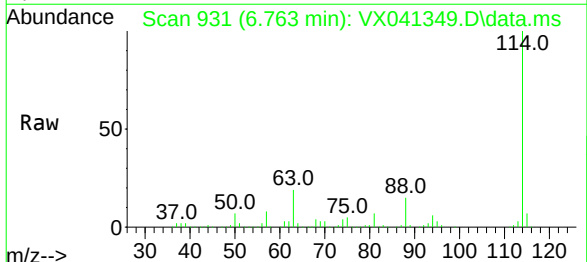
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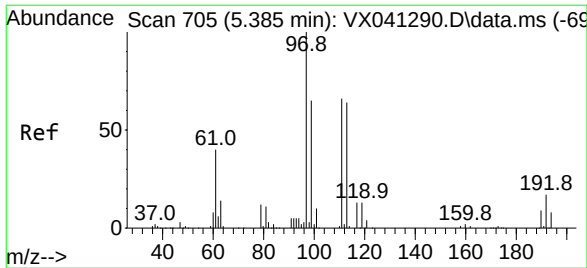
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

Tgt Ion:114 Resp: 249666
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.220 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

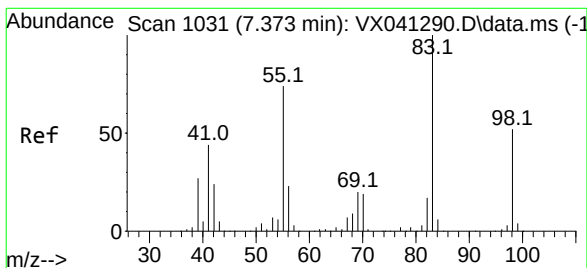
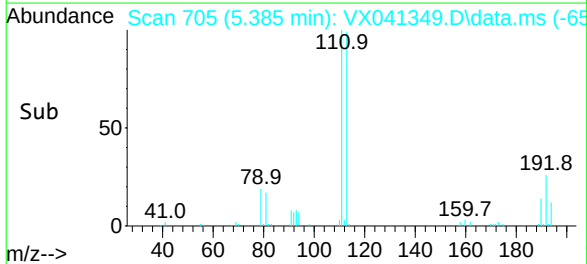
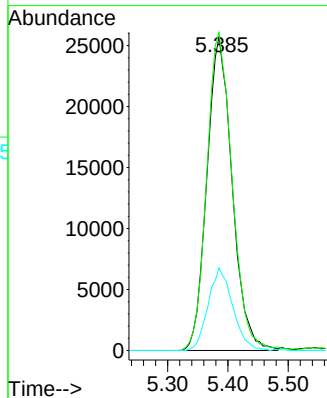
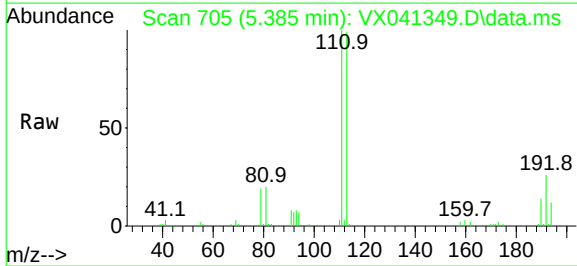
T3-MW-1-9.0-042424

Tgt Ion:	113	Resp:	74816
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	25.6	13.3	19.9

Manual Integrations

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#39

Methylcyclohexane

Concen: 20.955 ug/l

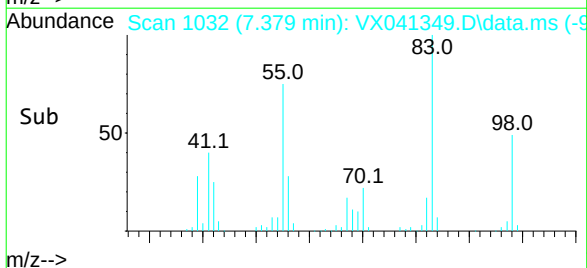
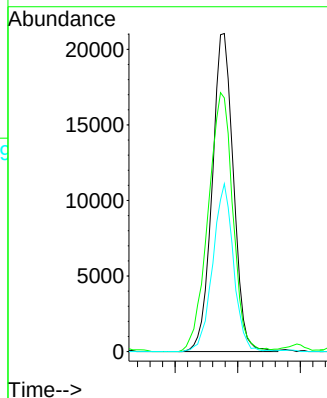
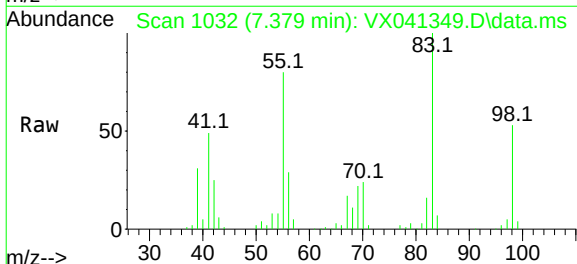
RT: 7.379 min Scan# 1032

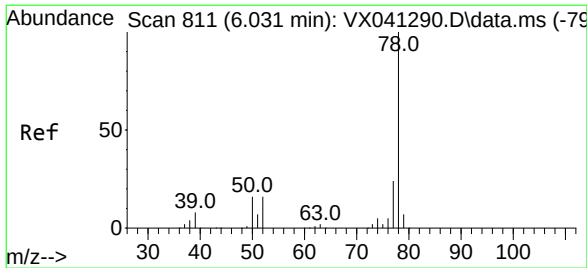
Delta R.T. 0.006 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Tgt Ion:	83	Resp:	49806
Ion	Ratio	Lower	Upper
83	100		
55	79.7	64.6	97.0
98	52.8	36.7	55.1





#40

Benzene

Concen: 14.576 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA_X

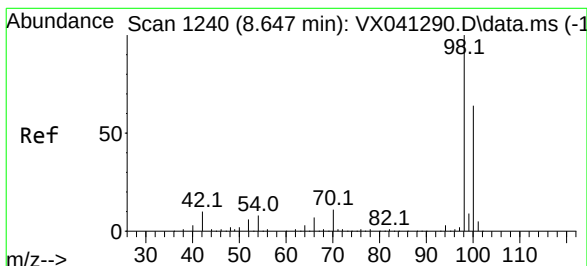
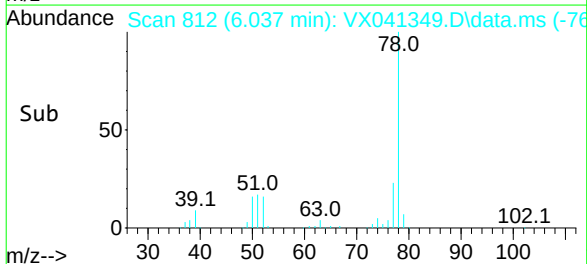
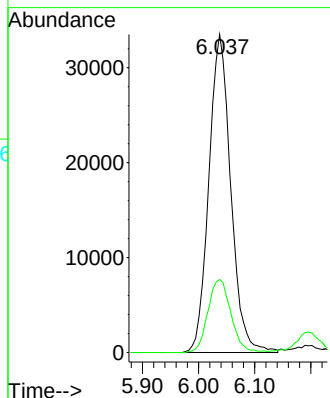
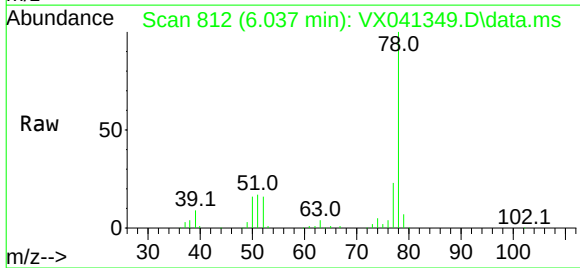
ClientSampleId :

T3-MW-1-9.0-042424

Tgt Ion: 78 Resp: 90905
 Ion Ratio Lower Upper
 78 100
 77 22.9 19.3 28.9

Manual Integrations
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 Supervised By :Semsettin Yesilyurt 05/03/2024



#50

Toluene-d8

Concen: 46.980 ug/l

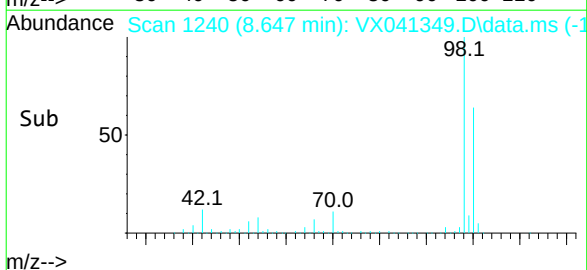
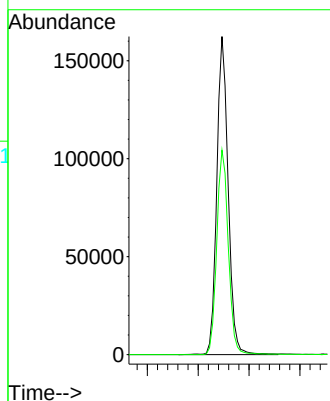
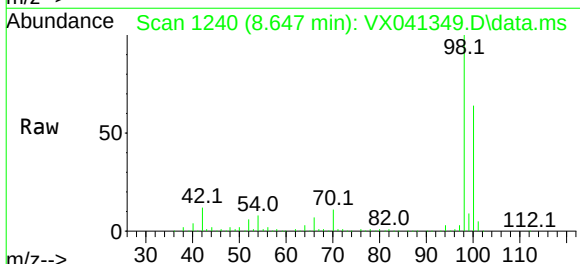
RT: 8.647 min Scan# 1240

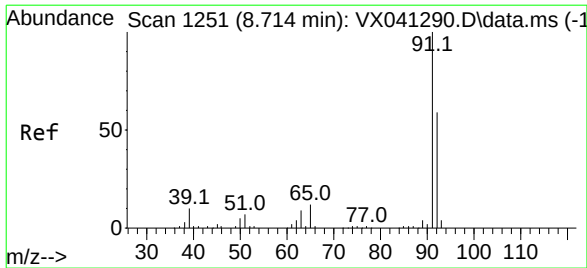
Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

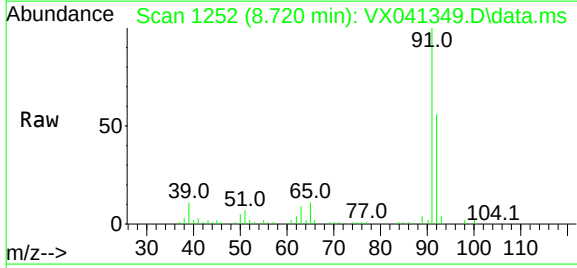
Tgt Ion: 98 Resp: 251583
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.1 79.7





#52
Toluene
Concen: 4.938 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

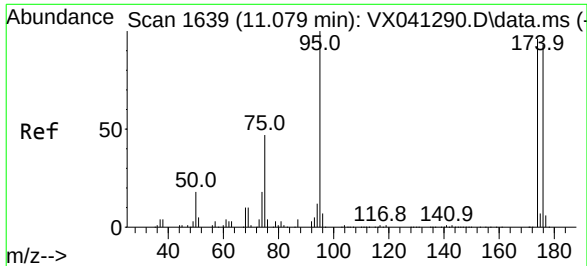
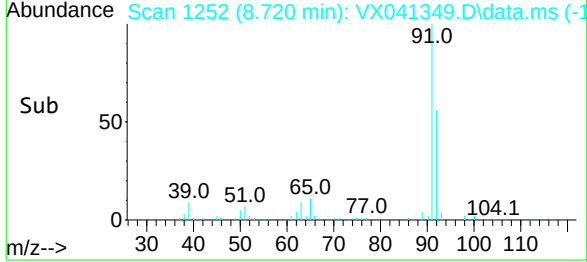
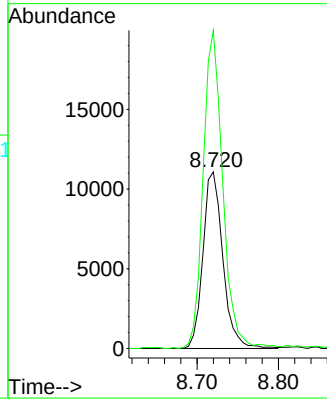
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion: 92 Resp: 18841
Ion Ratio Lower Upper
92 100
91 177.5 134.2 201.2

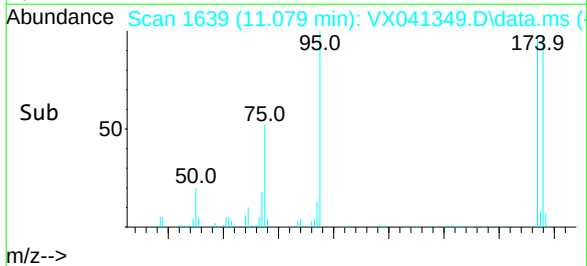
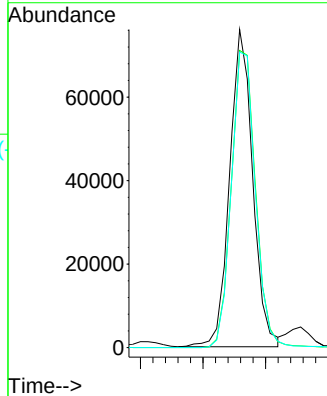
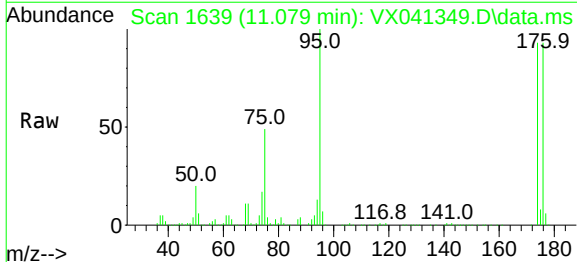
Manual Integrations
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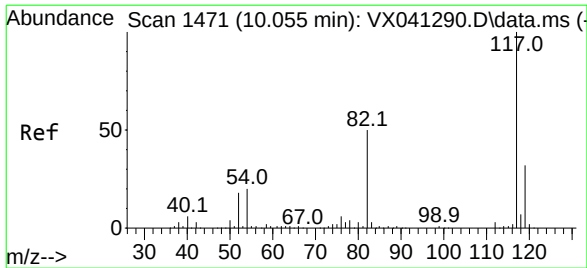
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

Tgt Ion: 95 Resp: 97296
Ion Ratio Lower Upper
95 100
174 98.6 0.0 135.6
176 97.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

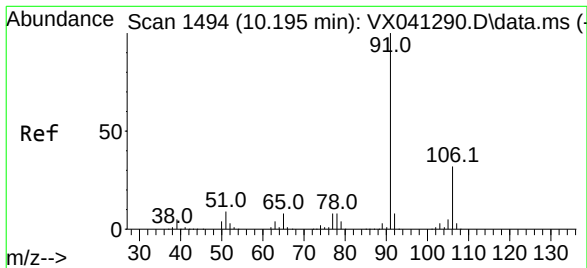
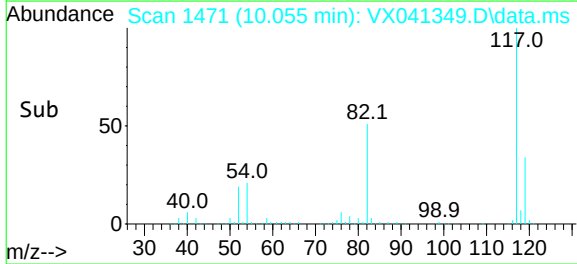
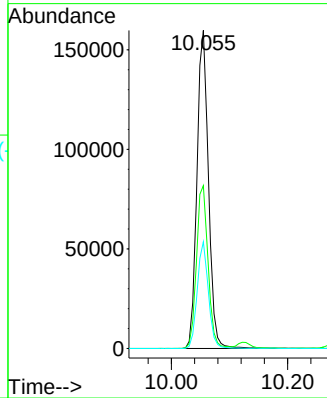
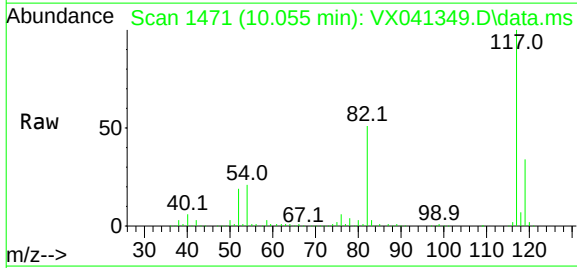
T3-MW-1-9.0-042424

Tgt Ion:	117	Resp:	219617
Ion	Ratio	Lower	Upper
117	100		
82	51.2	46.2	69.4
119	33.5	25.5	38.3

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/03/2024



#67

Ethyl Benzene

Concen: 2.156 ug/l

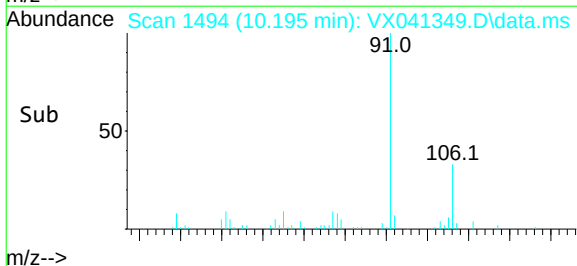
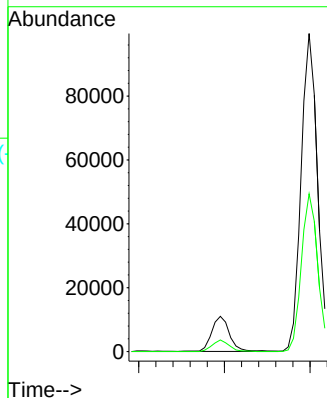
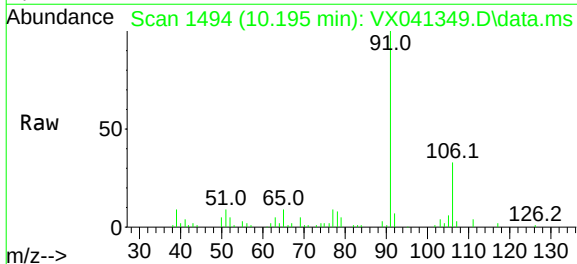
RT: 10.195 min Scan# 1494

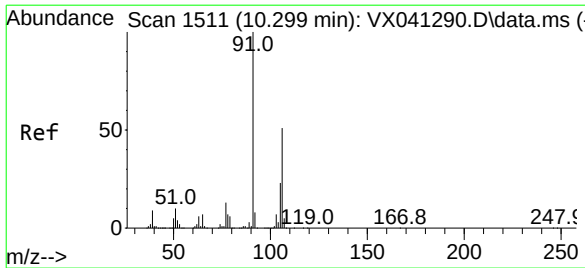
Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

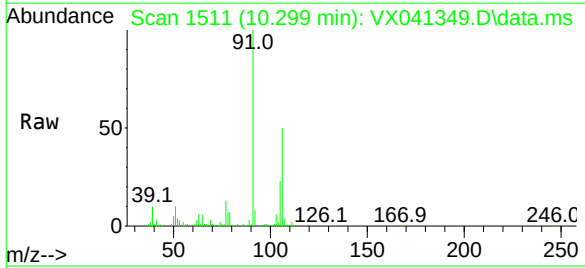
Tgt Ion:	91	Resp:	15861
Ion	Ratio	Lower	Upper
91	100		
106	33.2	24.9	37.3





#68
m/p-Xylenes
Concen: 22.513 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

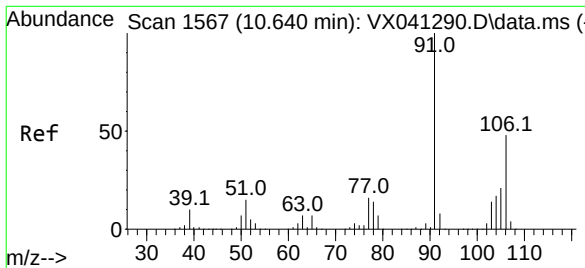
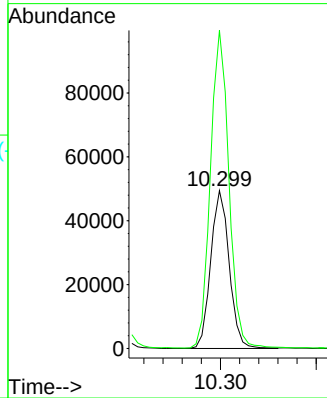
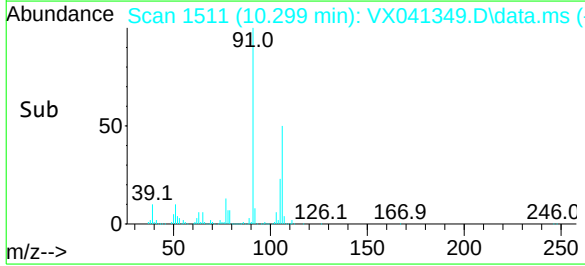
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



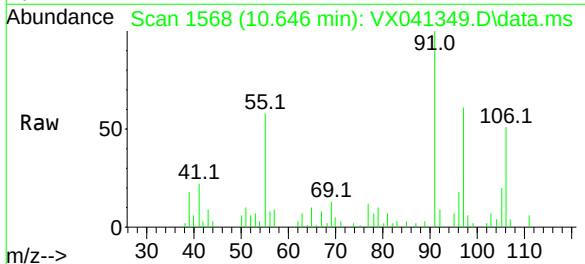
Tgt Ion:106 Resp: 66315
Ion Ratio Lower Upper
106 100
91 201.0 165.5 248.3

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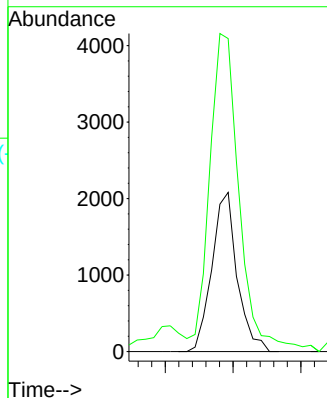
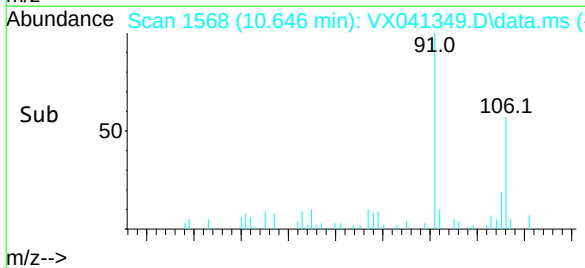
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

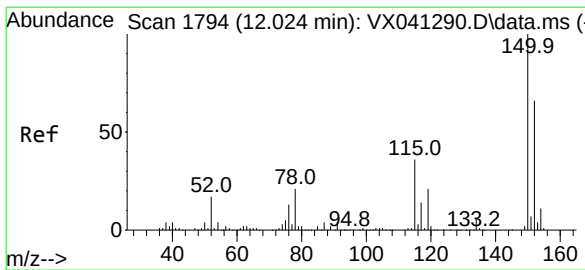


#69
o-Xylene
Concen: 0.955 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27



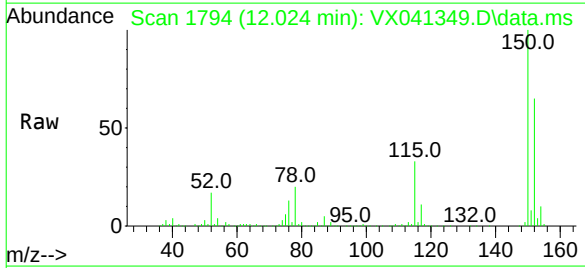
Tgt Ion:106 Resp: 2693
Ion Ratio Lower Upper
106 100
91 234.3 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

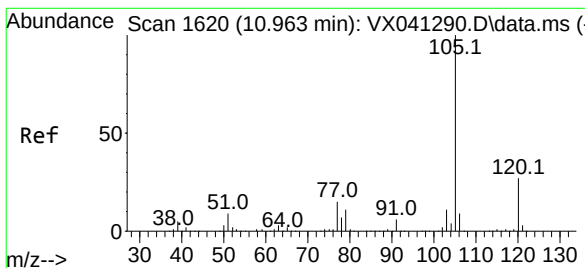
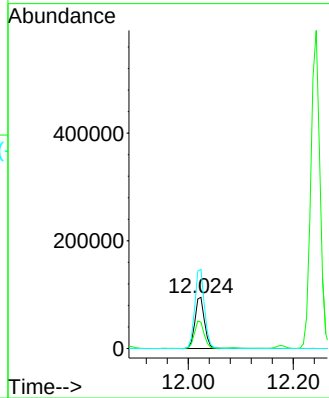
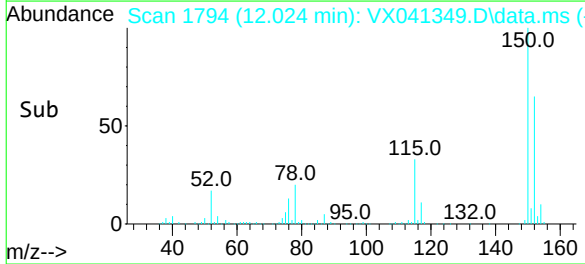
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion:152 Resp: 120691
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 155.7 0.0 345.0

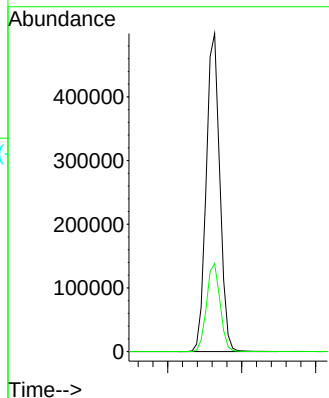
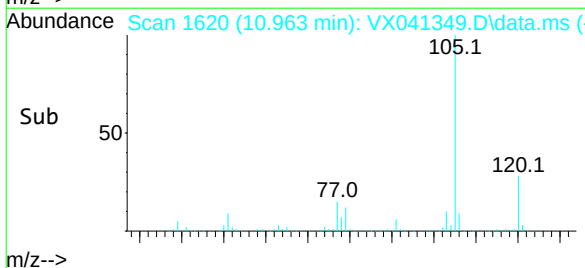
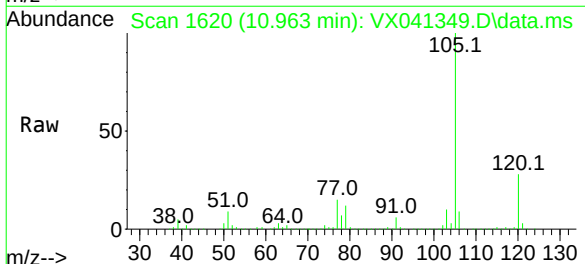
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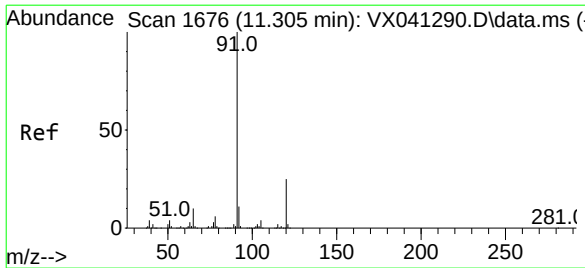
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#73
Isopropylbenzene
Concen: 86.431 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

Tgt Ion:105 Resp: 636756
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6





#78

n-propylbenzene

Concen: 179.539 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041349.D

Acq: 02 May 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-042424

Tgt Ion: 91 Resp: 1389219

Ion Ratio Lower Upper

91 100

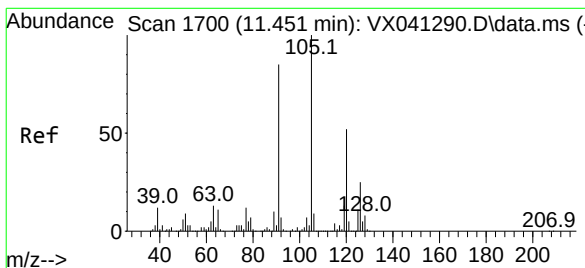
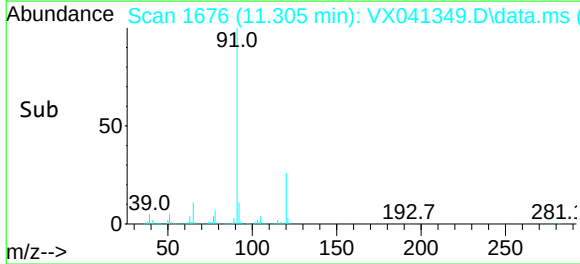
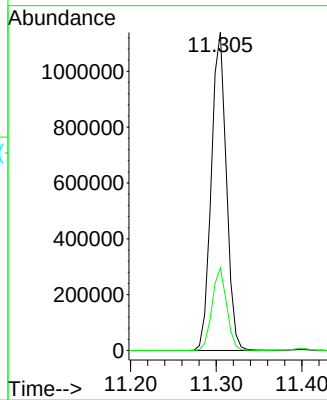
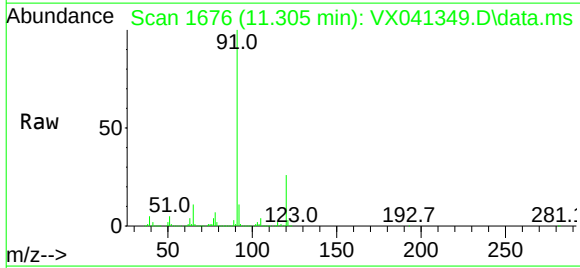
120 25.1 11.5 34.4

Manual Integrations

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Reviewed By :Romaben Patel 05/03/2024

Supervised By :Semsettin Yesilyurt 05/03/2024



#80

1,3,5-Trimethylbenzene

Concen: 1.647 ug/l m

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041349.D

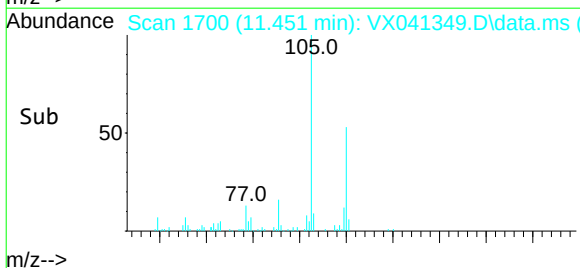
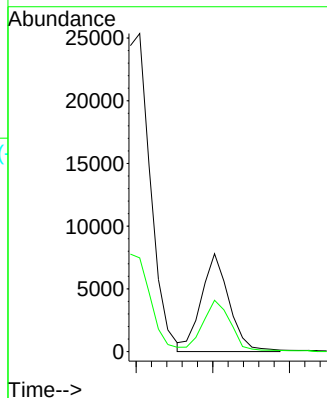
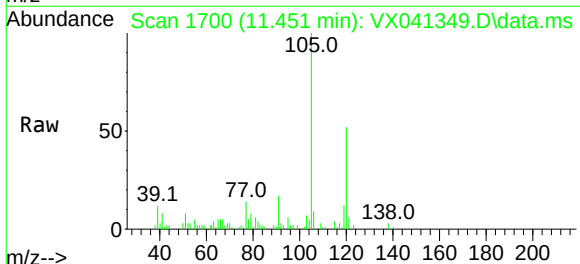
Acq: 02 May 2024 13:27

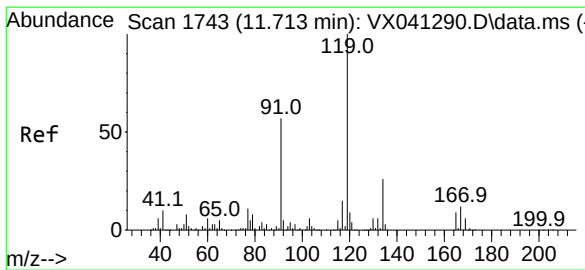
Tgt Ion:105 Resp: 9894

Ion Ratio Lower Upper

105 100

120 110.1 24.1 72.3#





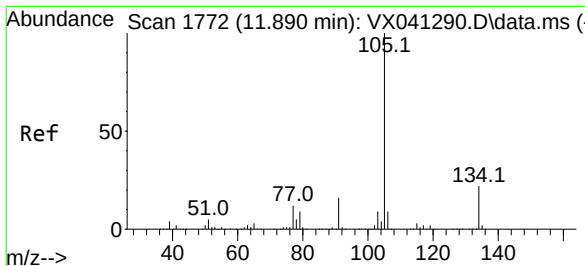
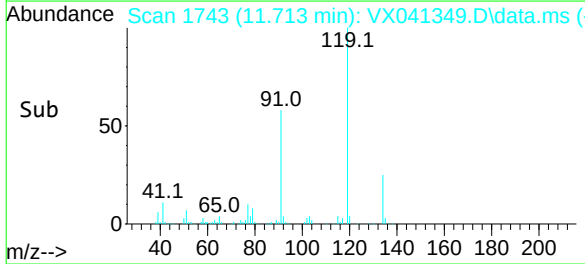
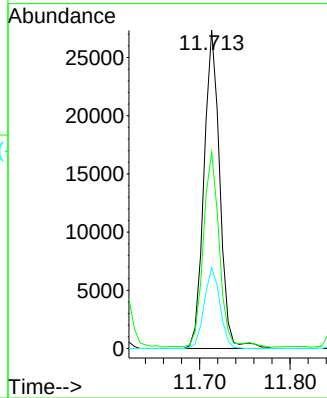
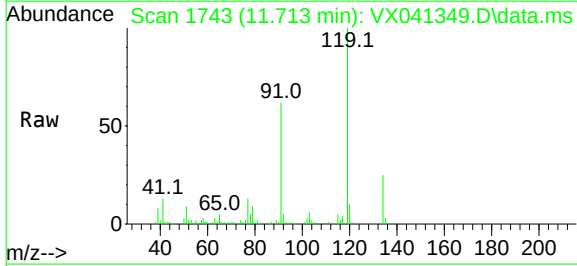
#83
tert-Butylbenzene
Concen: 5.167 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.2	31.2	93.6
134	25.2	11.7	35.0

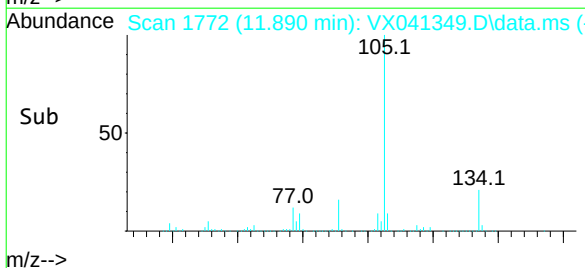
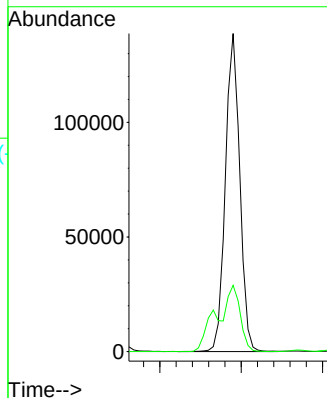
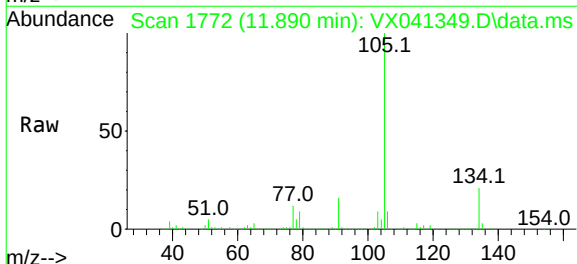
Manual Integrations
APPROVED

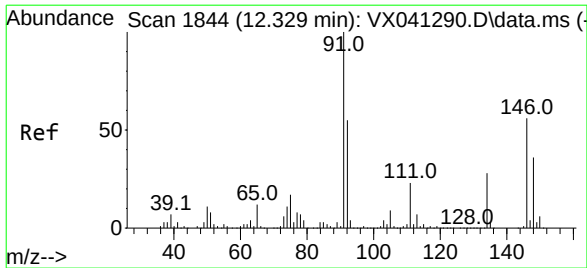
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#85
sec-Butylbenzene
Concen: 23.137 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

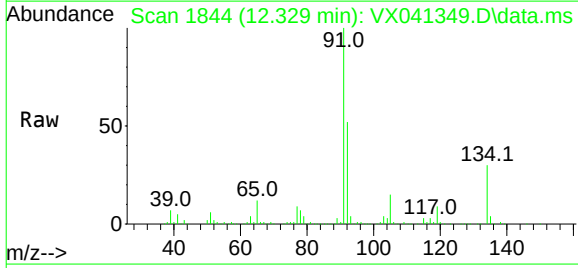
Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.4





#89
n-Butylbenzene
Concen: 16.462 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27

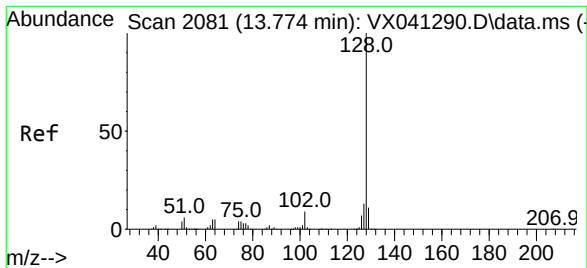
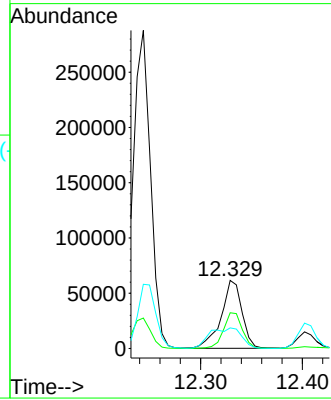
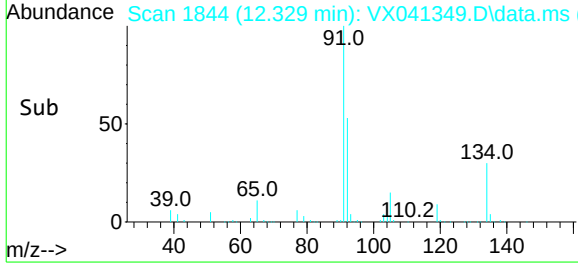
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



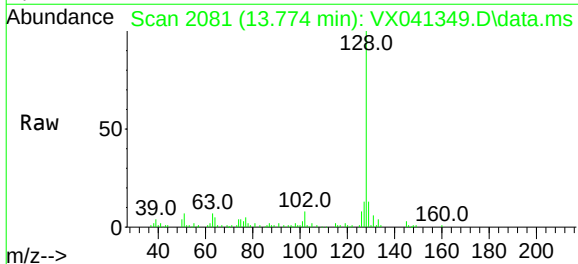
Tgt Ion: 91 Resp: 87621
Ion Ratio Lower Upper
91 100
92 47.6 27.4 82.0
134 46.6 12.6 37.8#

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#95
Naphthalene
Concen: 2.672 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041349.D
Acq: 02 May 2024 13:27



Tgt Ion:128 Resp: 22096
Ion Ratio Lower Upper
128 100
127 17.1 10.3 15.5#
129 13.7 8.8 13.2#

