

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041329.D
 Acq On : 01 May 2024 16:16
 Operator : JC/MD
 Sample : P2264-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-042424

Quant Time: May 02 03:12:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94317	48.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.980%		
35) Dibromofluoromethane	5.385	113	80965	49.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.440%		
50) Toluene-d8	8.647	98	302123	58.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	117.240%#		
62) 4-Bromofluorobenzene	11.079	95	94061	47.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.280%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	30914	32.690	ug/l	97
18) Methyl Acetate	2.709	43	3853	1.936	ug/l	98
20) Methylene Chloride	2.782	84	838	0.496	ug/l #	78
25) 2-Butanone	4.587	43	10159	8.069	ug/l	93
31) Cyclohexane	5.471	56	2760	1.176	ug/l #	92
39) Methylcyclohexane	7.379	83	7229	3.160	ug/l	97
40) Benzene	6.032	78	3695	0.616	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	3063	1.397	ug/l	94
52) Toluene	8.726	92	870	0.237	ug/l	90
67) Ethyl Benzene	10.195	91	1806	0.235	ug/l	92
68) m/p-Xylenes	10.311	106	1120	0.364	ug/l	82
73) Isopropylbenzene	10.964	105	80933	12.266	ug/l	98
78) n-propylbenzene	11.305	91	297427	42.918	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3469m	0.645	ug/l	
83) tert-Butylbenzene	11.713	119	14315	2.485	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	13130	2.426	ug/l	95
85) sec-Butylbenzene	11.890	105	138904	21.043	ug/l	100
89) n-Butylbenzene	12.329	91	110391	23.157	ug/l #	81
95) Naphthalene	13.774	128	7252	0.979	ug/l #	75

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

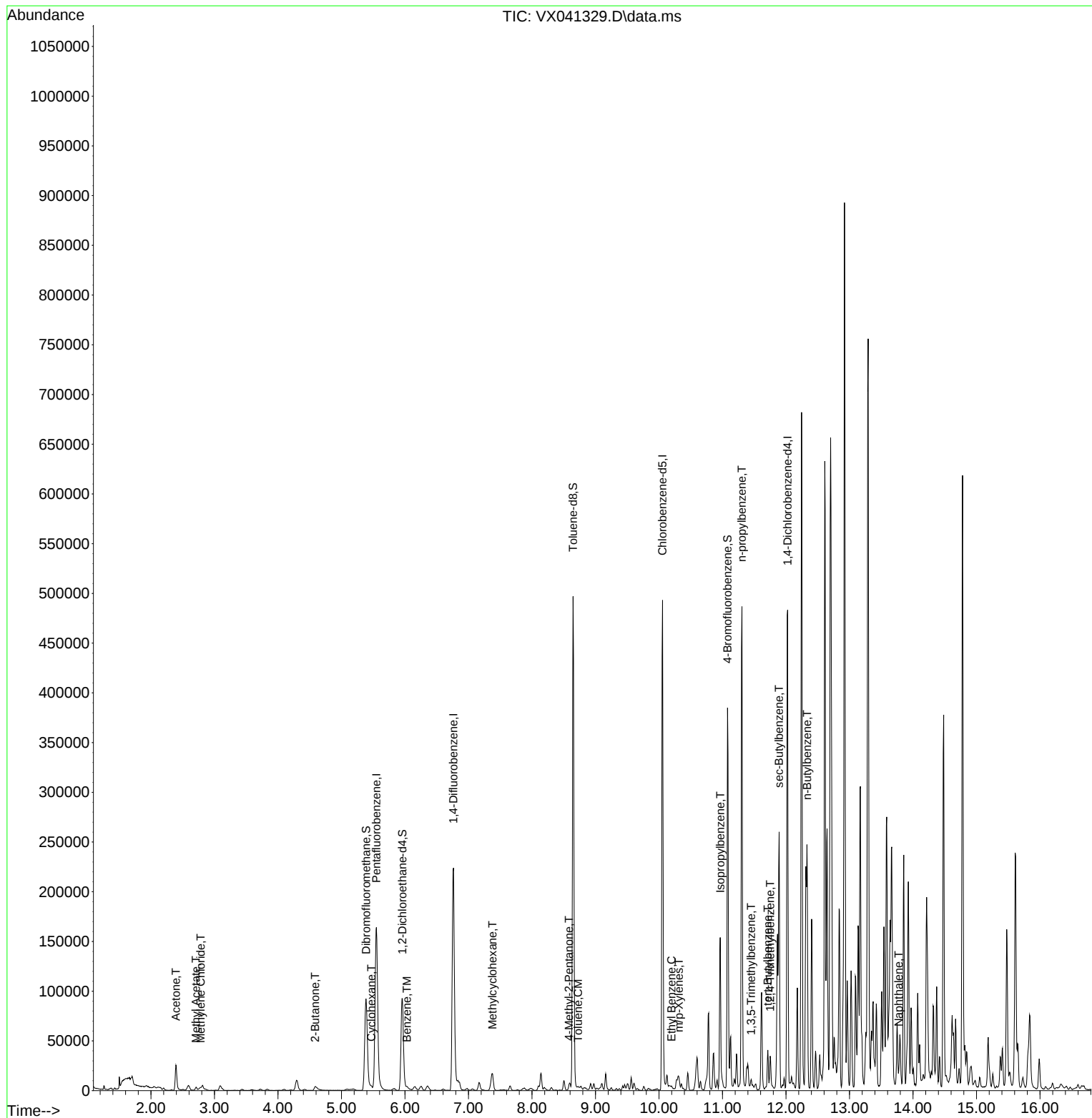
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041329.D
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Operator : JC/MD
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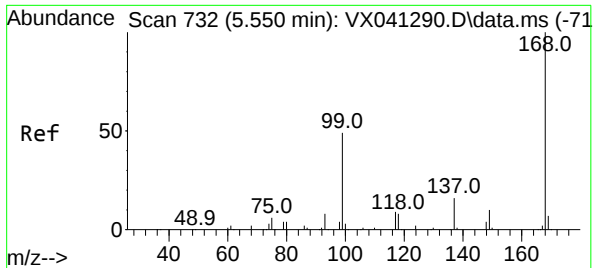
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424

Quant Time: May 02 03:12:57 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

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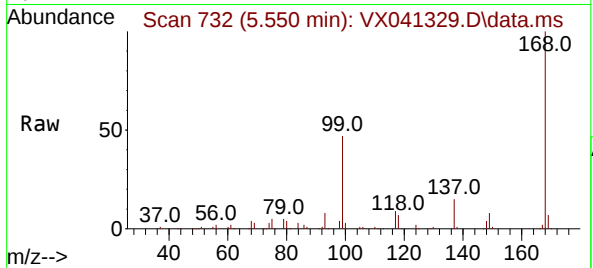
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

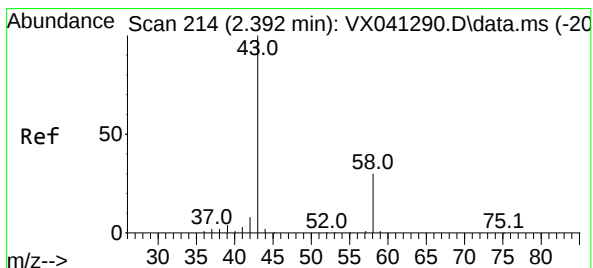
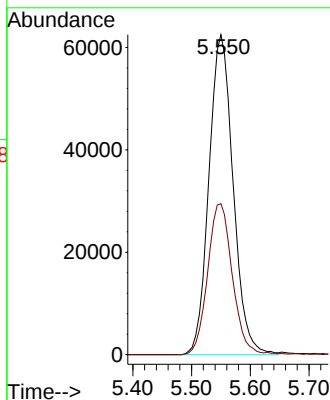
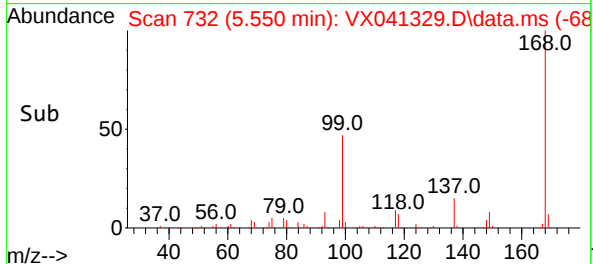
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion:168 Resp: 178679
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0

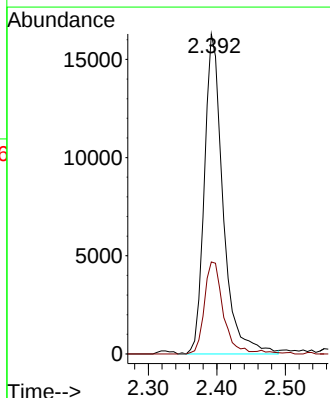
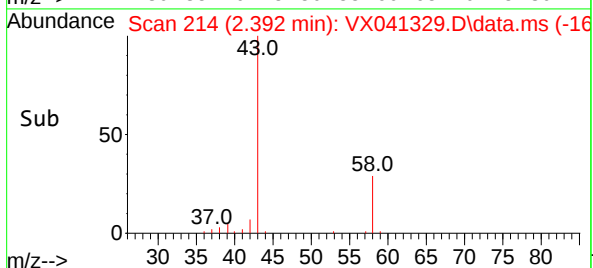
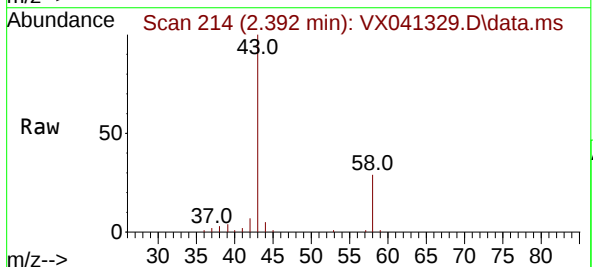
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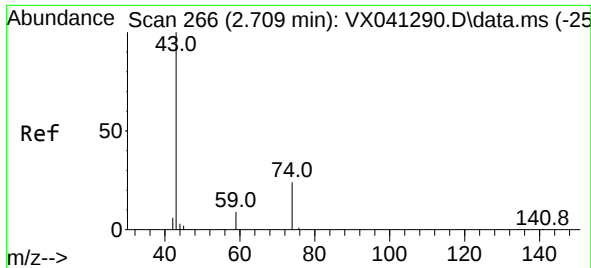
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#16
Acetone
Concen: 32.690 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

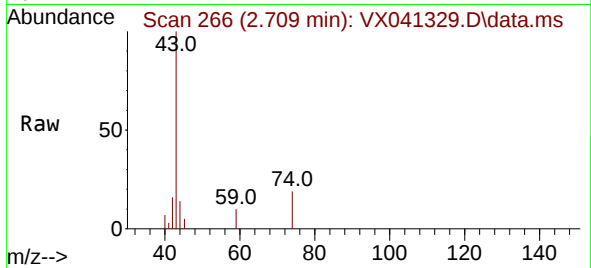
Tgt Ion: 43 Resp: 30914
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9





#18
Methyl Acetate
Concen: 1.936 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

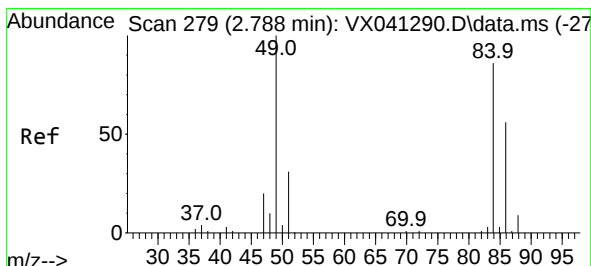
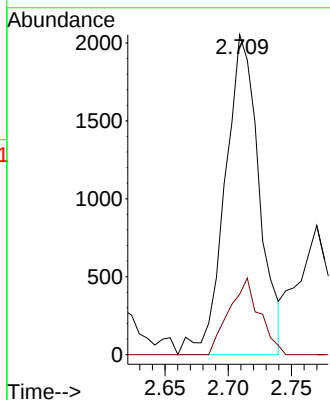
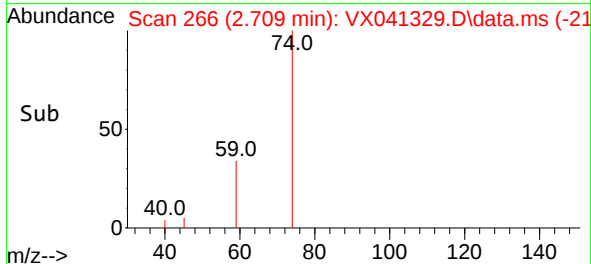
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.8

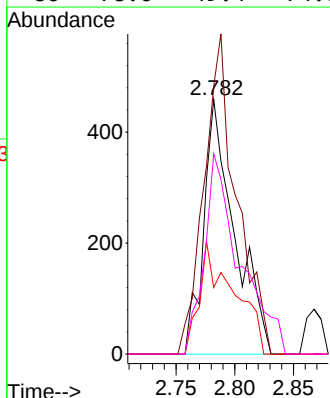
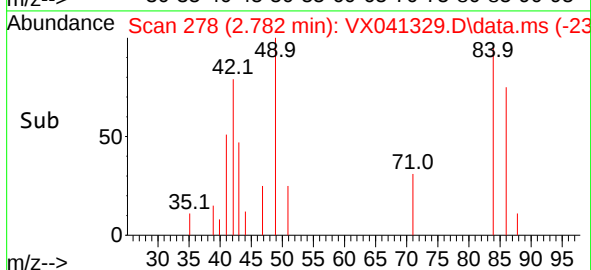
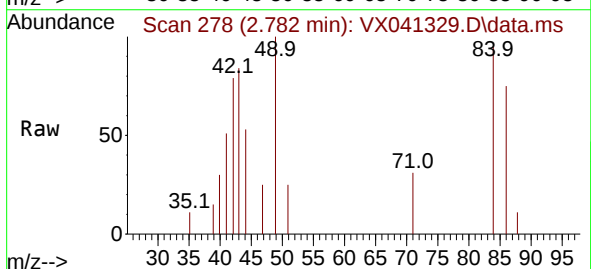
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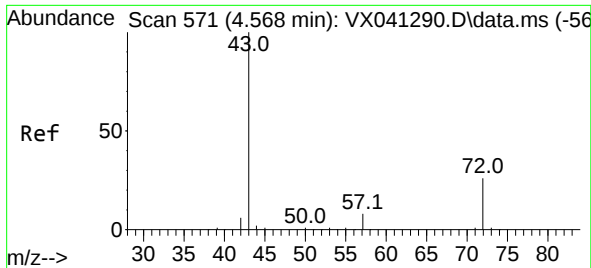
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#20
Methylene Chloride
Concen: 0.496 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

Tgt Ion: 84 Resp: 838
Ion Ratio Lower Upper
84 100
49 105.2 103.6 155.4
51 26.1 33.8 50.6#
86 78.6 49.4 74.0#





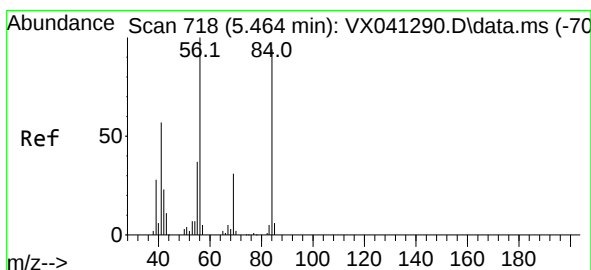
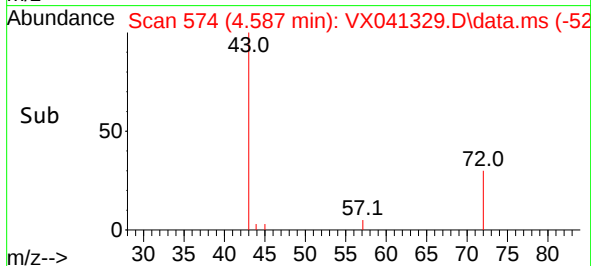
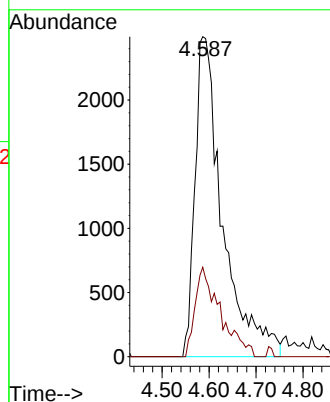
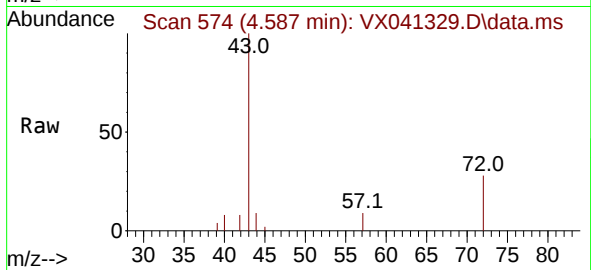
#25
2-Butanone
Concen: 8.069 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424

Tgt Ion: 43 Resp: 10159
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

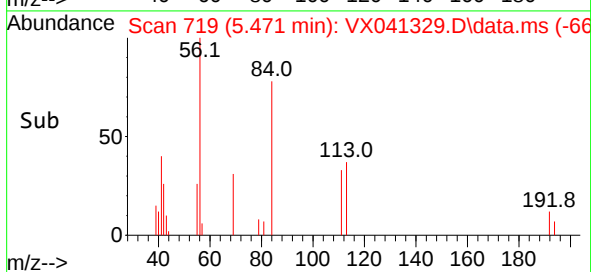
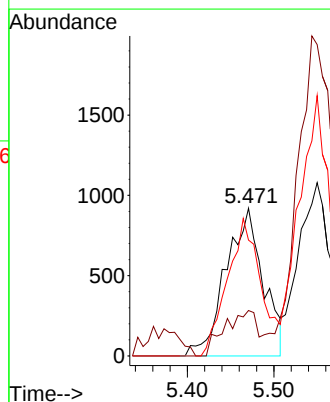
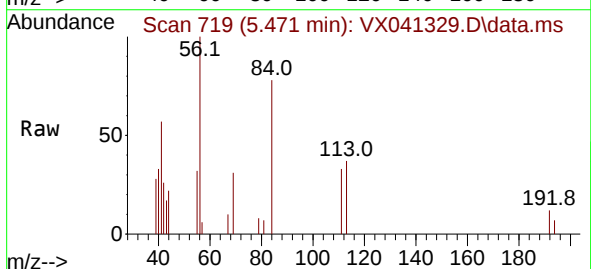
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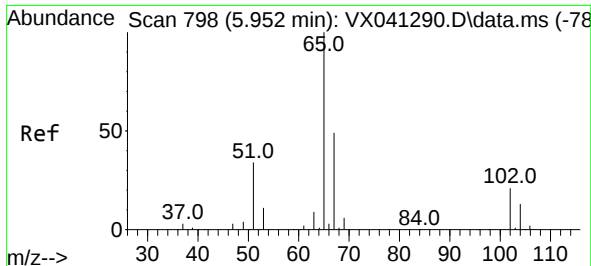
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

Tgt Ion: 56 Resp: 2760
Ion Ratio Lower Upper
56 100
69 19.6 23.4 35.2#
84 78.4 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.488 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-042424

Tgt Ion: 65 Resp: 9431

Ion Ratio Lower Upper

65 100

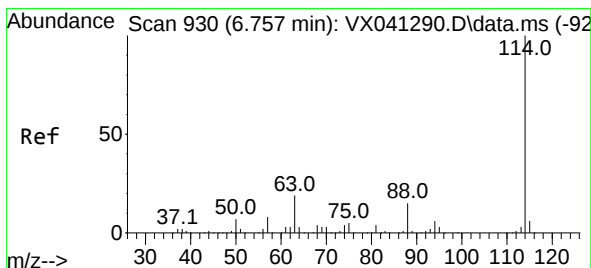
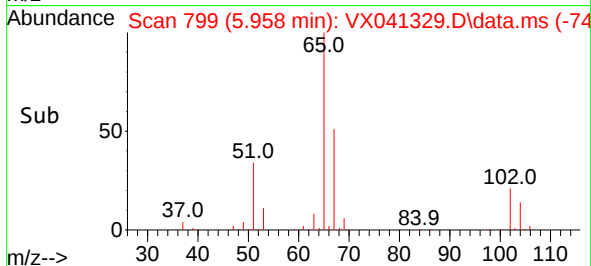
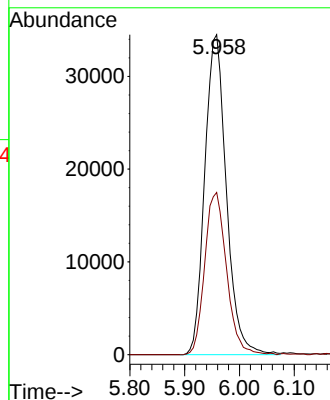
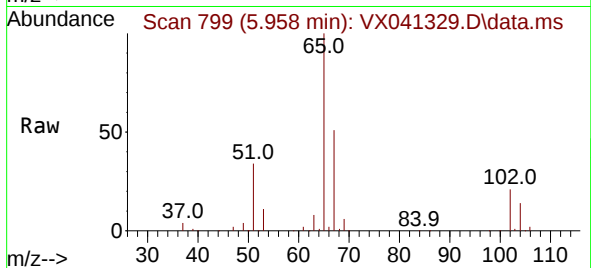
67 51.3 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

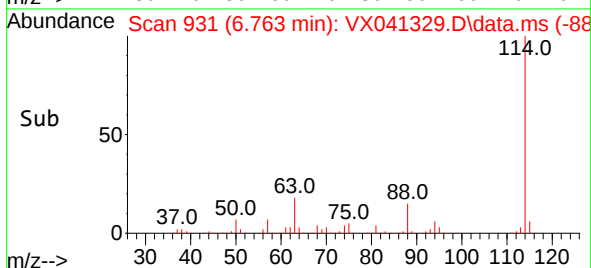
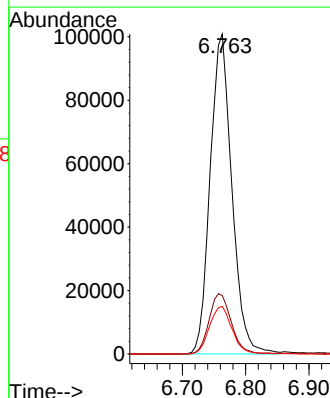
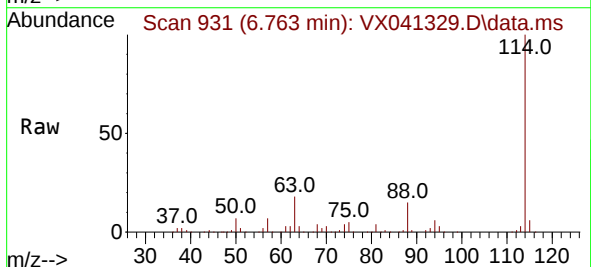
Tgt Ion:114 Resp: 240304

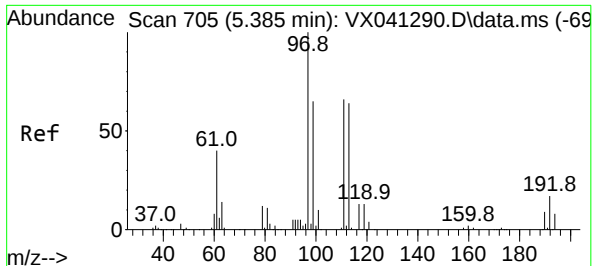
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.718 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-042424

Tgt Ion:113 Resp: 8096

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

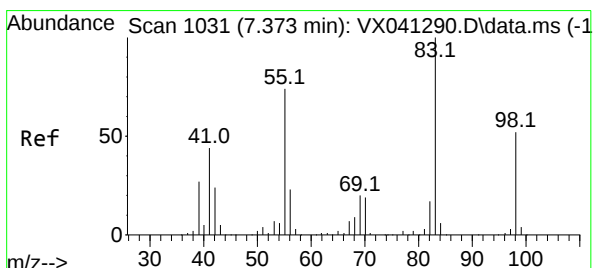
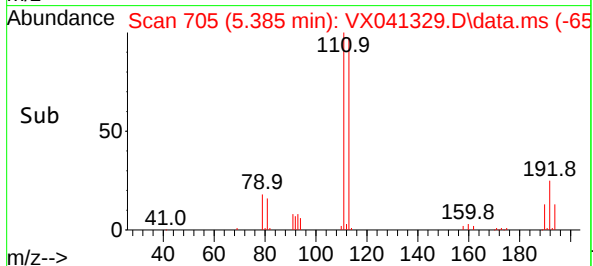
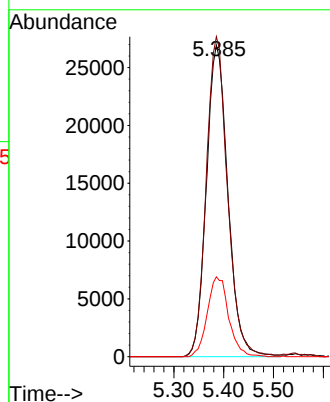
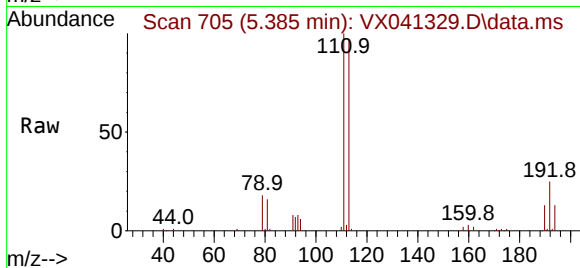
192 25.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carbone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#39

Methylcyclohexane

Concen: 3.160 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

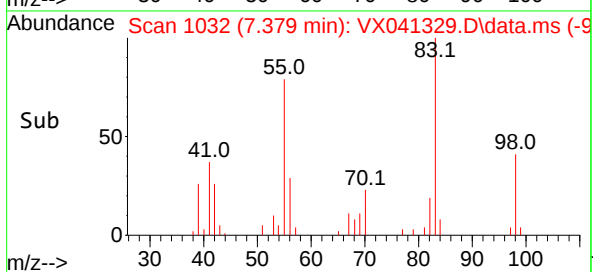
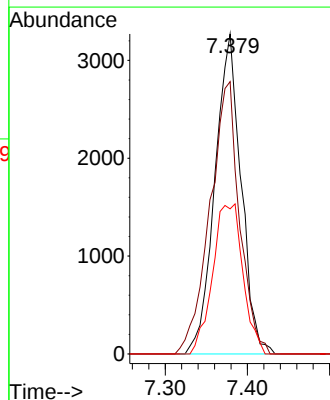
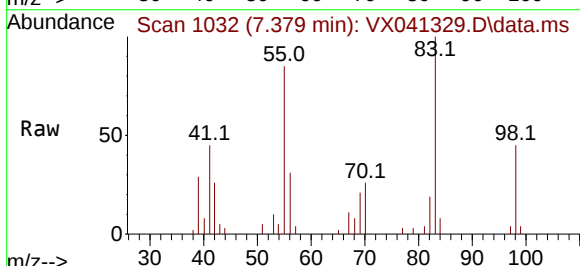
Tgt Ion: 83 Resp: 7229

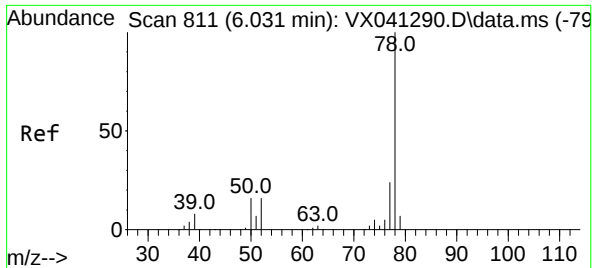
Ion Ratio Lower Upper

83 100

55 85.1 64.6 97.0

98 45.4 36.7 55.1





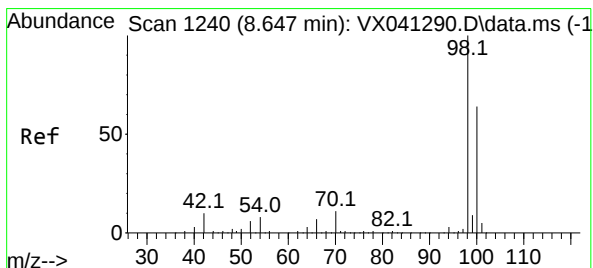
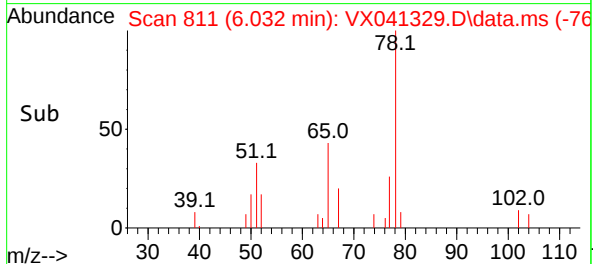
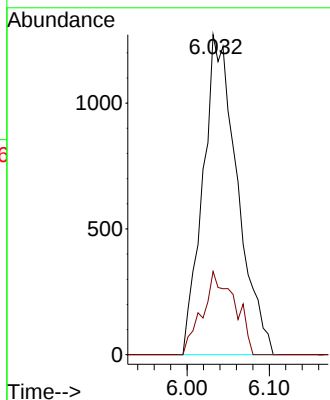
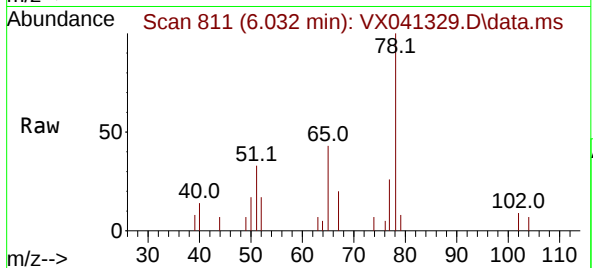
#40
Benzene
Concen: 0.616 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424

Tgt Ion: 78 Resp: 369
Ion Ratio Lower Upper
78 100
77 26.0 19.3 28.9

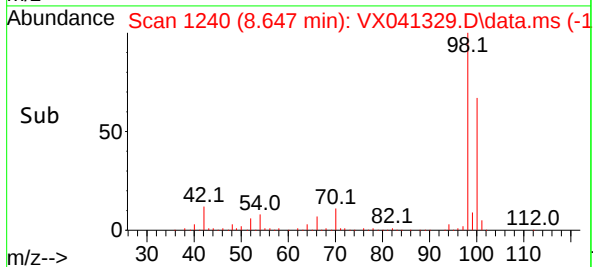
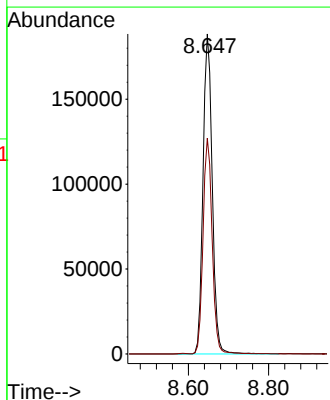
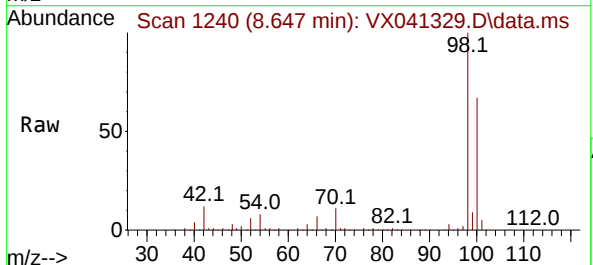
Manual Integrations
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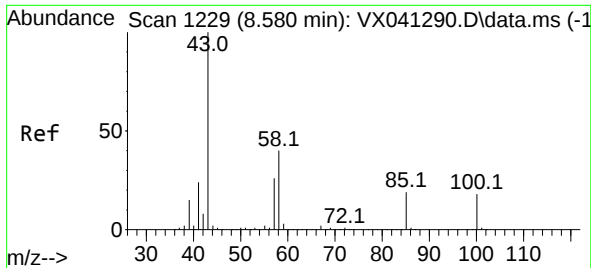
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#50
Toluene-d8
Concen: 58.616 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

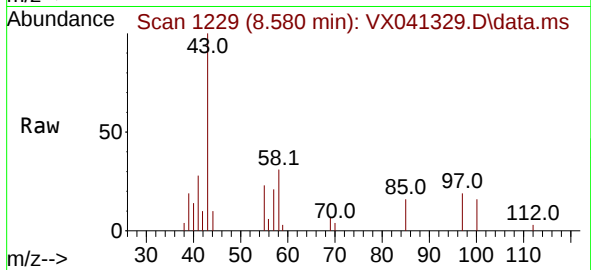
Tgt Ion: 98 Resp: 302123
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 1.397 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

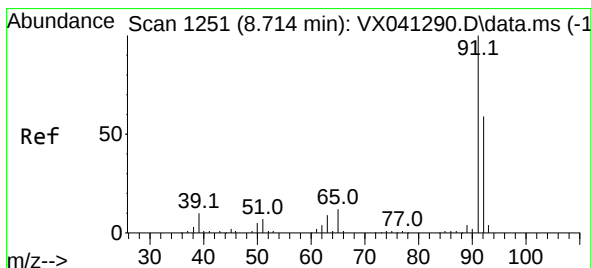
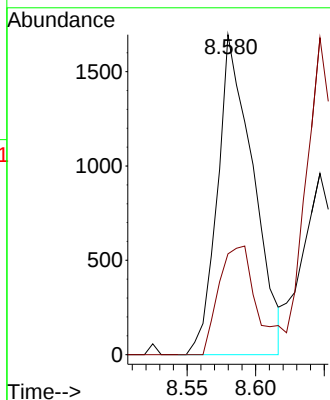
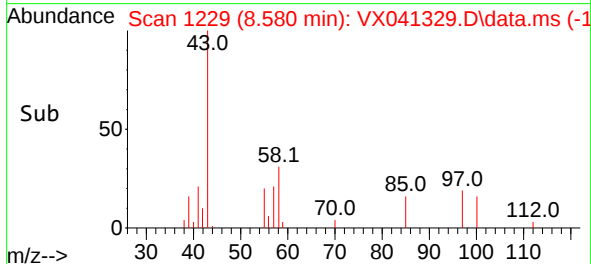
Instrument :
MSVOA_X
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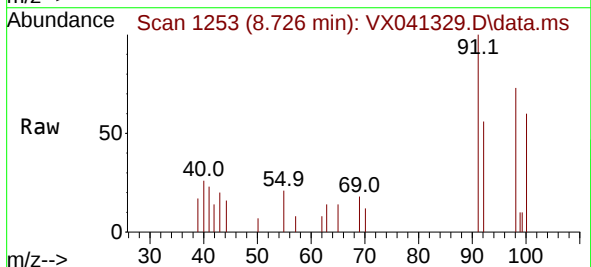
Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6

Manual Integrations
APPROVED

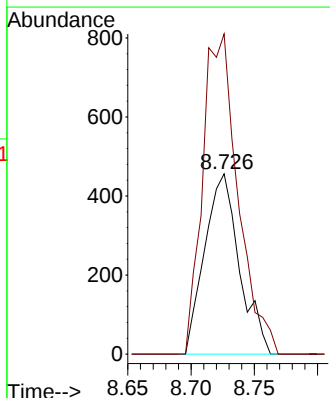
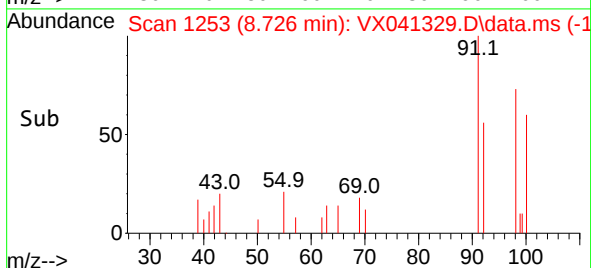
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

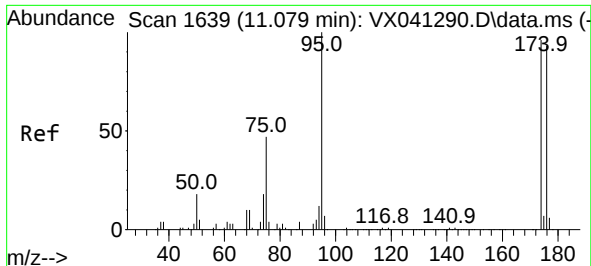


#52
Toluene
Concen: 0.237 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16



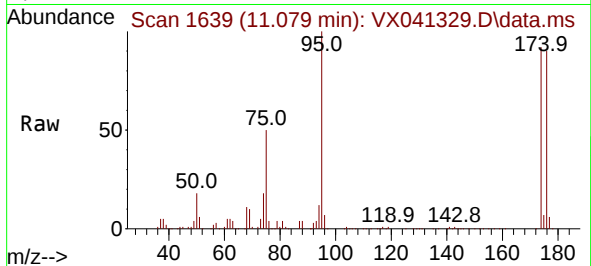
Tgt Ion: 92 Resp: 870
Ion Ratio Lower Upper
92 100
91 180.7 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 47.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

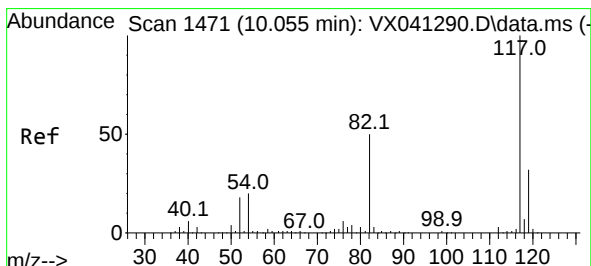
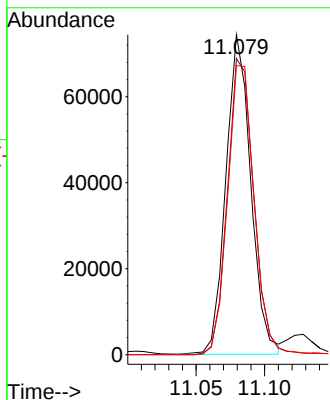
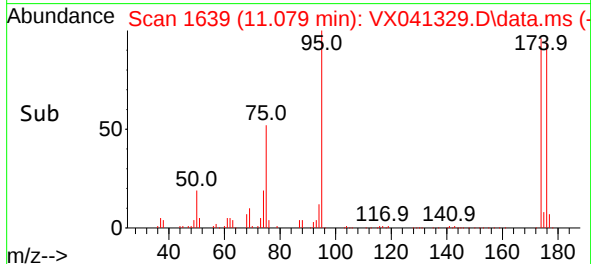
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



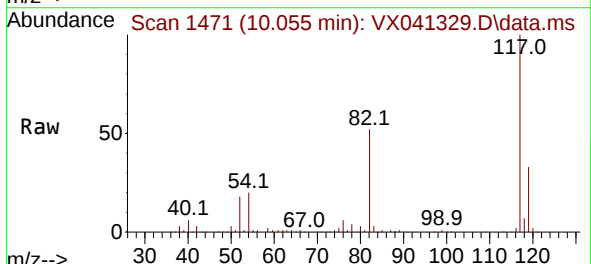
Tgt Ion: 95 Resp: 9406
Ion Ratio Lower Upper
95 100
174 98.6 0.0 135.6
176 97.0 0.0 131.0

Manual Integrations
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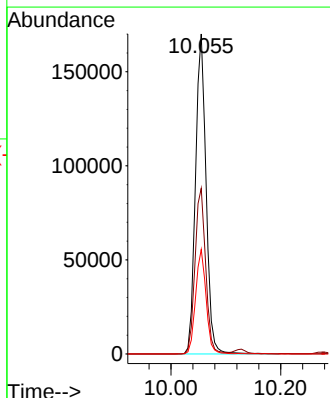
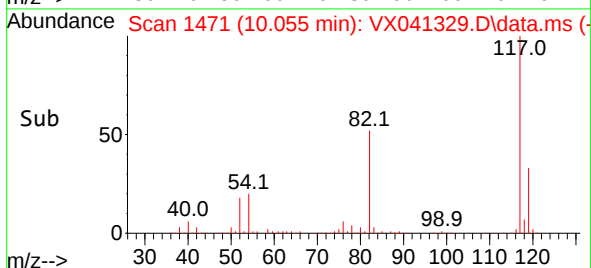
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

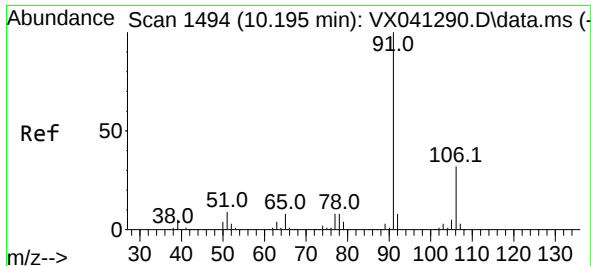


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16



Tgt Ion:117 Resp: 229312
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.7 25.5 38.3





#67

Ethyl Benzene

Concen: 0.235 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-042424

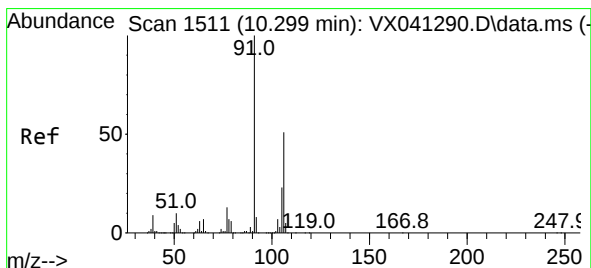
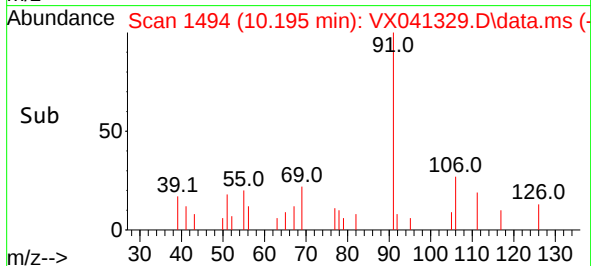
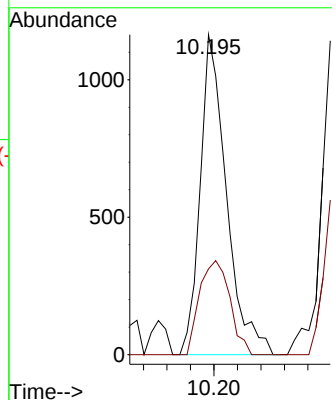
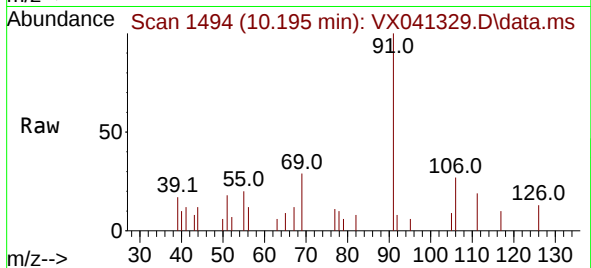
Tgt Ion: 91 Resp: 1800
 Ion Ratio Lower Upper
 91 100
 106 26.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#68

m/p-Xylenes

Concen: 0.364 ug/l

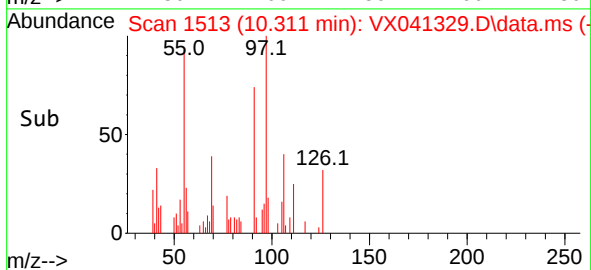
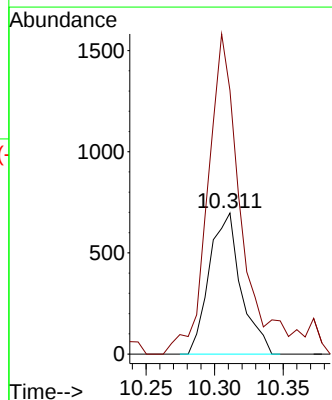
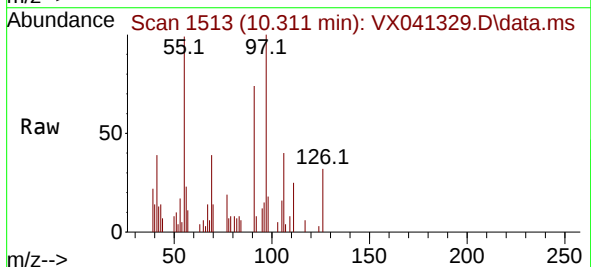
RT: 10.311 min Scan# 1513

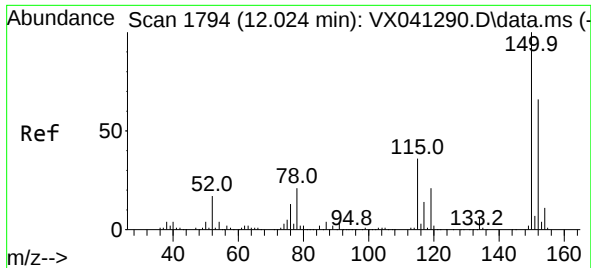
Delta R.T. 0.012 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

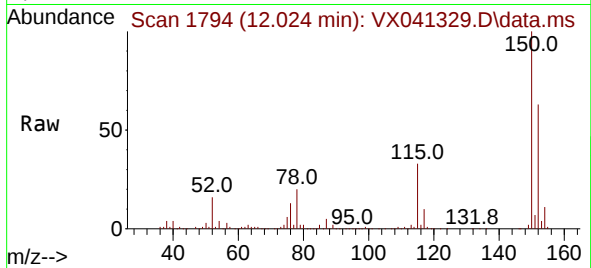
Tgt Ion:106 Resp: 1120
 Ion Ratio Lower Upper
 106 100
 91 234.1 165.5 248.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

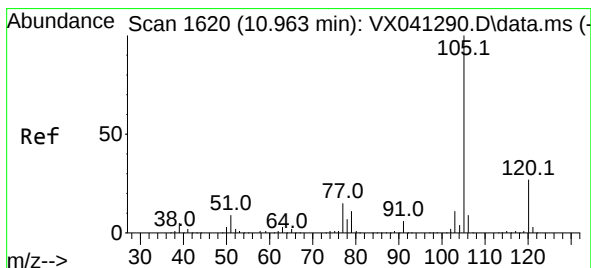
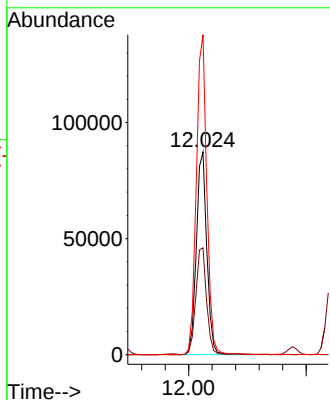
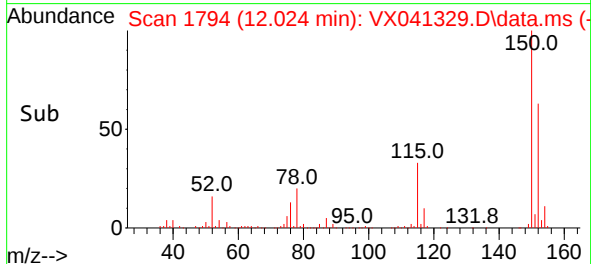
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



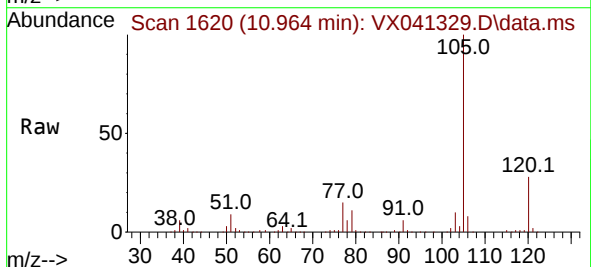
Tgt Ion:152 Resp: 108094
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 157.8 0.0 345.0

Manual Integrations
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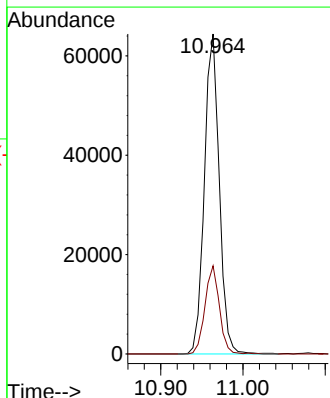
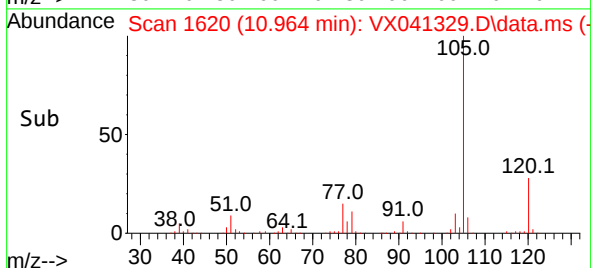
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

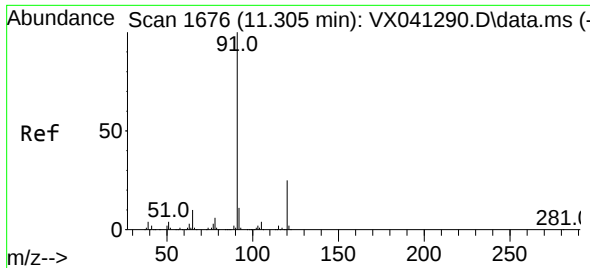


#73
Isopropylbenzene
Concen: 12.266 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16



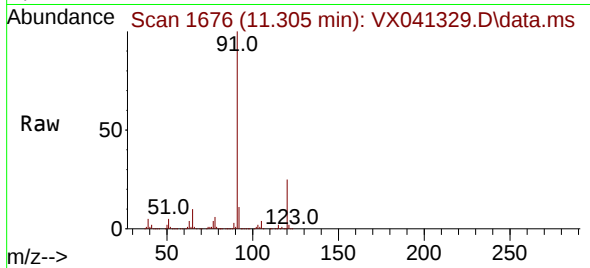
Tgt Ion:105 Resp: 80933
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6





#78
n-propylbenzene
Concen: 42.918 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

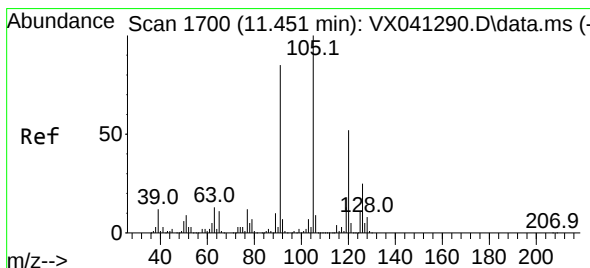
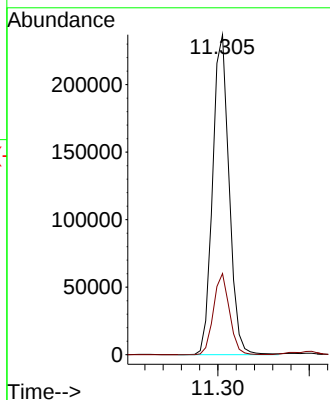
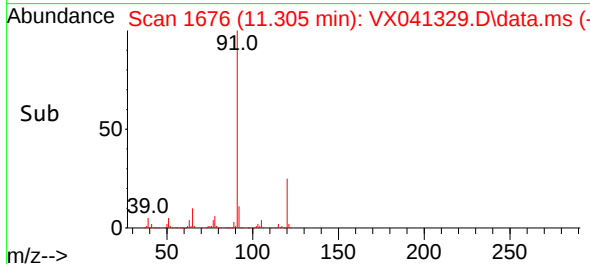
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



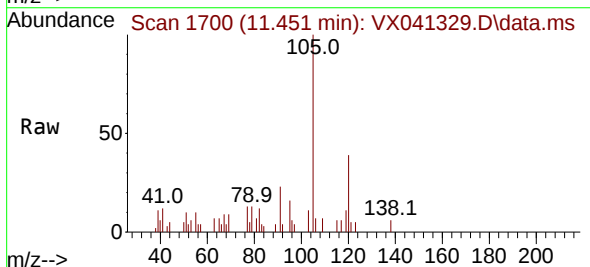
Tgt Ion: 91 Resp: 29742
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4

Manual Integrations
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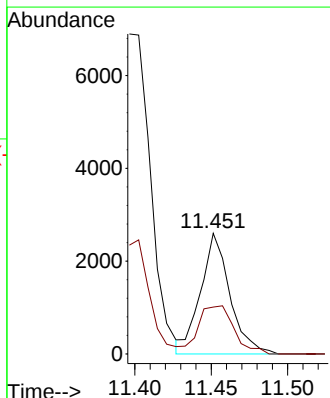
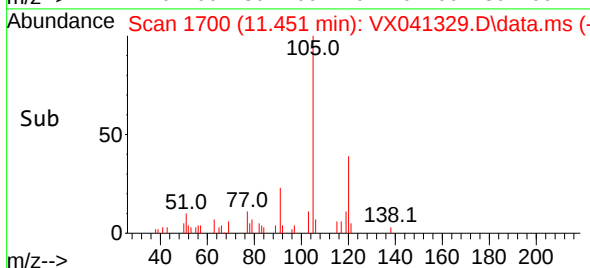
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

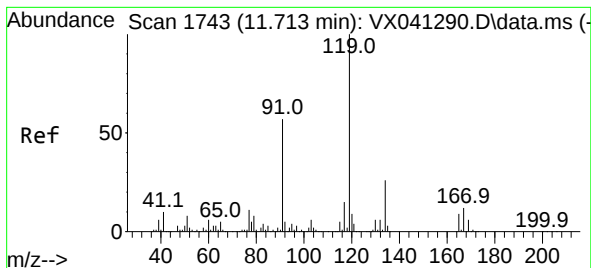


#80
1,3,5-Trimethylbenzene
Concen: 0.645 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16



Tgt Ion:105 Resp: 3469
Ion Ratio Lower Upper
105 100
120 127.5 24.1 72.3#





#83

tert-Butylbenzene

Concen: 2.485 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-042424

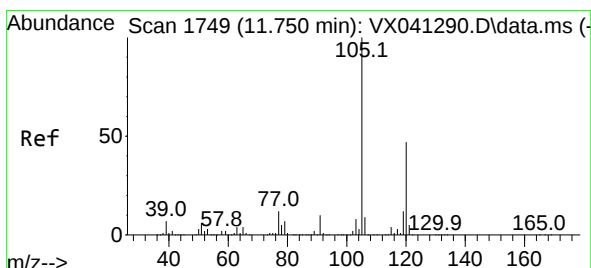
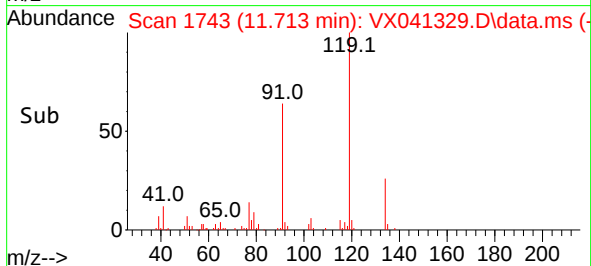
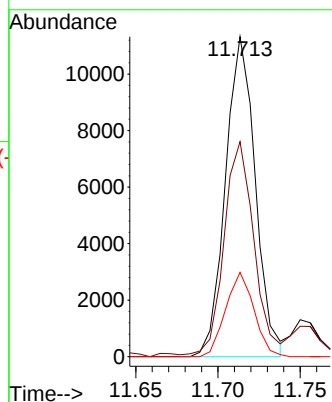
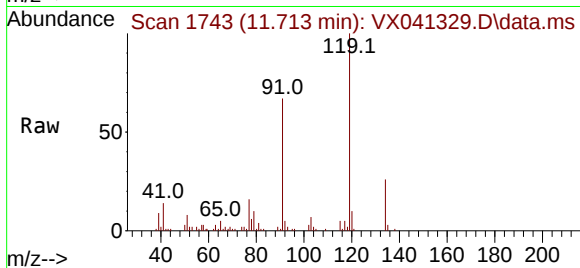
Tgt Ion:	119	Resp:	1431
Ion Ratio	Lower	Upper	
119	100		
91	68.3	31.2	93.6
134	25.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.426 ug/l

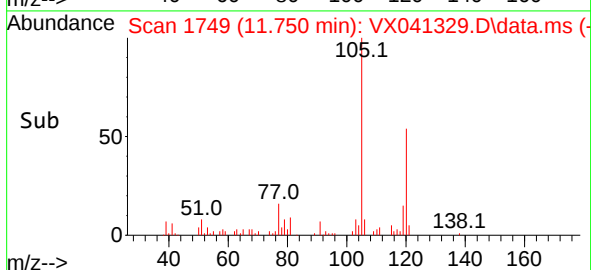
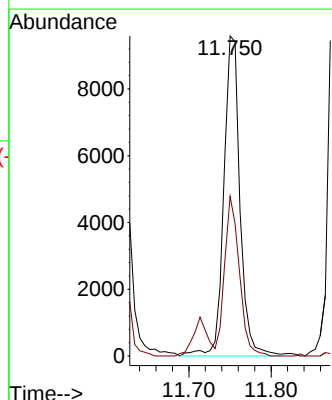
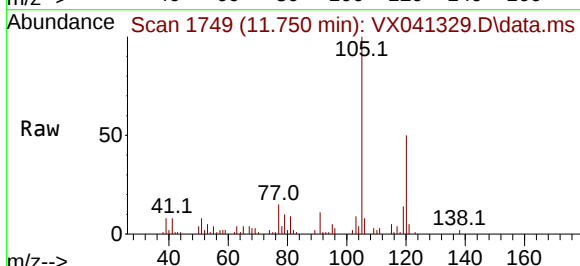
RT: 11.750 min Scan# 1749

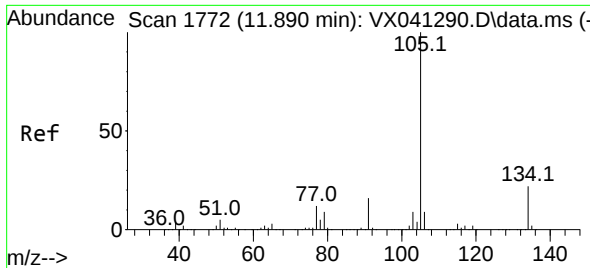
Delta R.T. 0.000 min

Lab File: VX041329.D

Acq: 01 May 2024 16:16

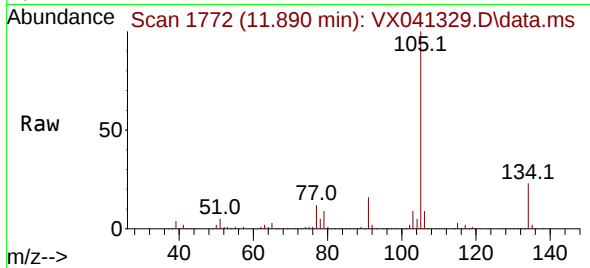
Tgt Ion:	105	Resp:	13130
Ion Ratio	Lower	Upper	
105	100		
120	45.4	21.2	63.6





#85
sec-Butylbenzene
Concen: 21.043 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

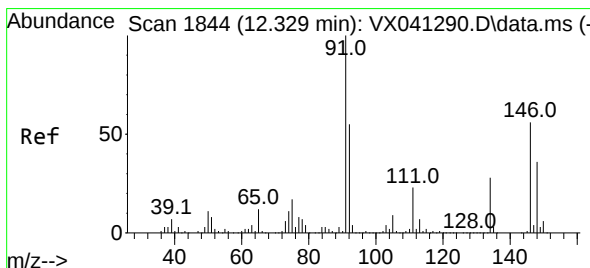
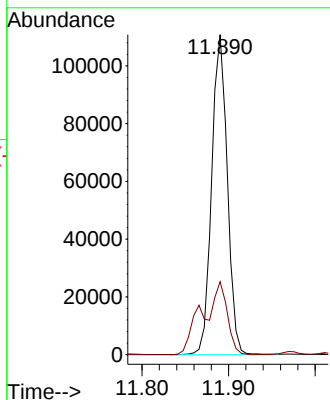
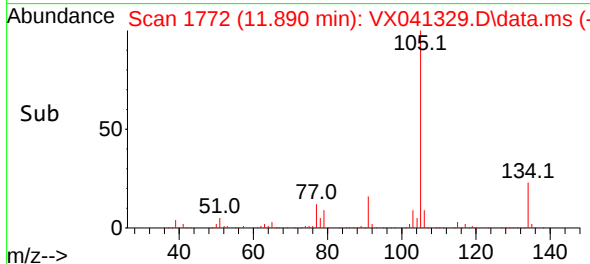
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



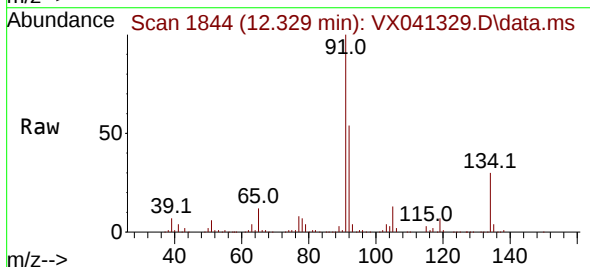
Tgt Ion:105 Resp: 138904
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4

Manual Integrations
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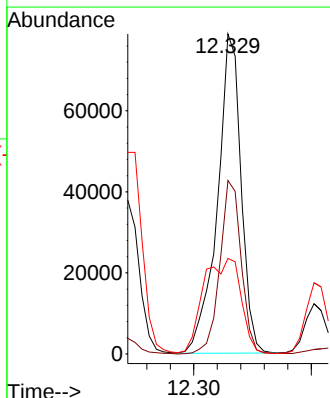
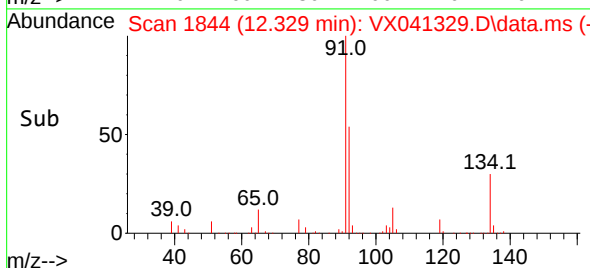
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

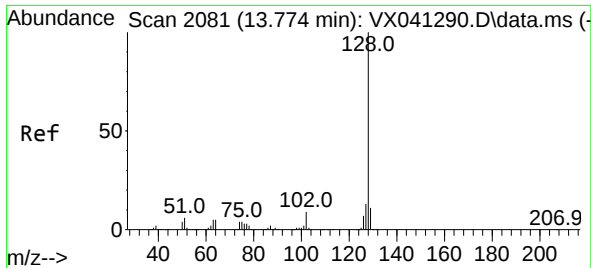


#89
n-Butylbenzene
Concen: 23.157 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16



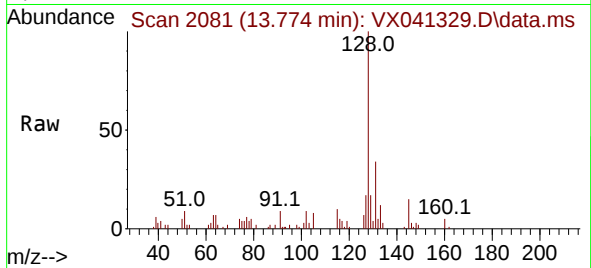
Tgt Ion: 91 Resp: 110391
Ion Ratio Lower Upper
91 100
92 49.1 27.4 82.0
134 47.1 12.6 37.8#





#95
Naphthalene
Concen: 0.979 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041329.D
Acq: 01 May 2024 16:16

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion	Ratio	Lower	Upper
128	100		
127	21.4	10.3	15.5
129	22.1	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

