

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036244.D
 Acq On : 20 Jun 2023 15:40
 Operator : JC/MD
 Sample : 03339-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: Jun 21 08:16:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	130109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131942	55.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.980%	
35) Dibromofluoromethane	5.385	113	88486	53.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.980%	
50) Toluene-d8	8.646	98	336705	56.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.320%#	
62) 4-Bromofluorobenzene	11.085	95	145061	59.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.880%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.690	64	903m	0.867	ug/l	
11) Tert butyl alcohol	2.977	59	15568	42.829	ug/l #	78
16) Acetone	2.385	43	14984	15.168	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	207054	37.651	ug/l #	29
25) 2-Butanone	4.574	43	6209	4.490	ug/l	96
26) 2,2-Dichloropropane	4.300	77	2355	0.969	ug/l #	54
31) Cyclohexane	5.470	56	158490	62.136	ug/l	98
39) Methylcyclohexane	7.378	83	160001	61.536	ug/l	92
40) Benzene	6.037	78	1261307	185.784	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	8254	3.037	ug/l	94
52) Toluene	8.720	92	1172468	275.836	ug/l	100
67) Ethyl Benzene	10.207	91	16257215	1961.803	ug/l #	47
68) m/p-Xylenes	10.335	106	20636992	6600.623	ug/l #	1
69) o-Xylene	10.664	106	12620350	4091.322	ug/l	57
73) Isopropylbenzene	10.963	105	1428575	170.114	ug/l	98
78) n-propylbenzene	11.304	91	4087623	413.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	6277604	877.891	ug/l	94
84) 1,2,4-Trimethylbenzene	11.762	105	16397753	2299.006	ug/l	67
85) sec-Butylbenzene	11.896	105	166994m	19.728	ug/l	
86) p-Isopropyltoluene	12.012	119	92872m	13.041	ug/l	
95) Naphthalene	13.780	128	8912329	1237.717	ug/l #	92

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Padoda

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

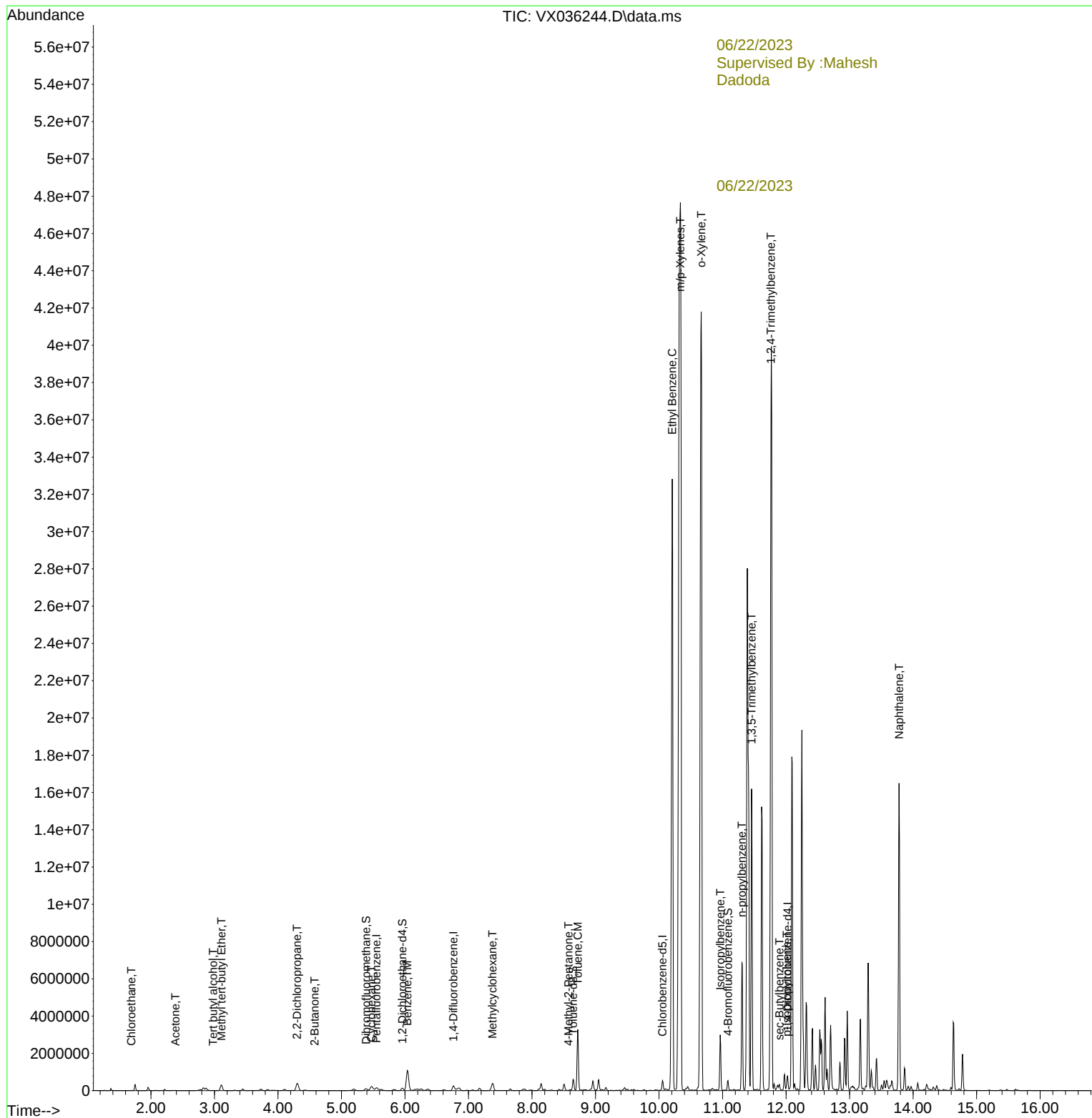
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036244.D
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Sample : 03339-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

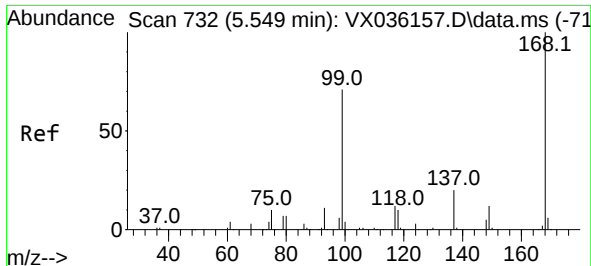
Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Time: Jun 21 08:16:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

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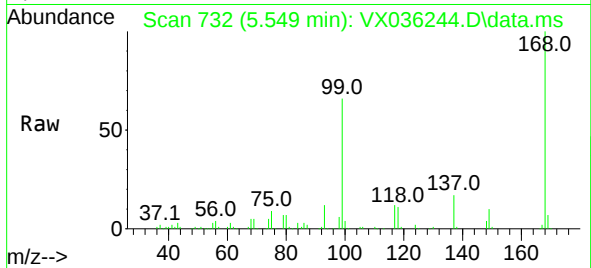
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Supervised By :Mahesh Dadoda 06/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

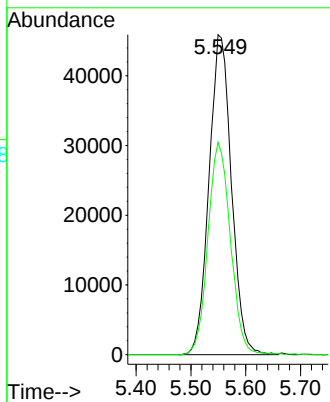
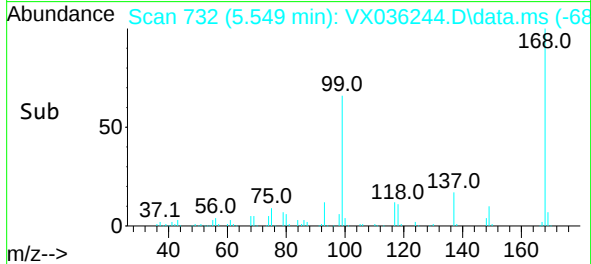
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:168 Resp: 130109
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0

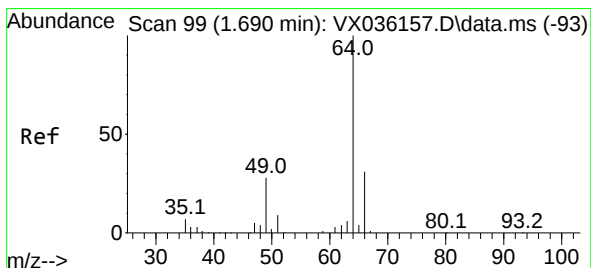
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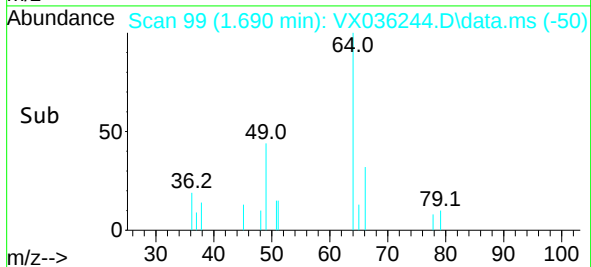
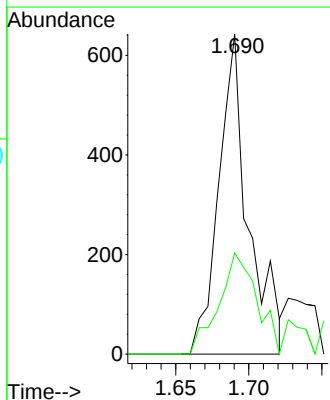
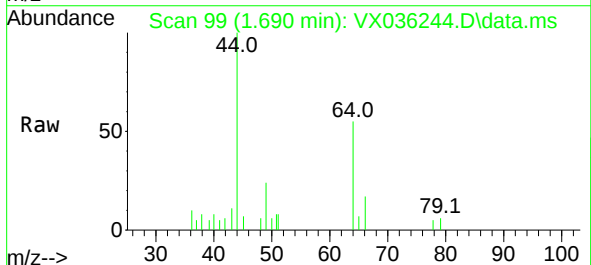
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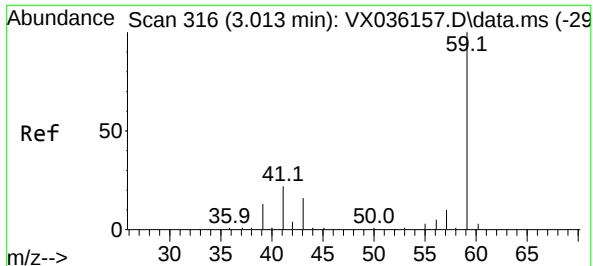
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#6
Chloroethane
Concen: 0.867 ug/l m
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

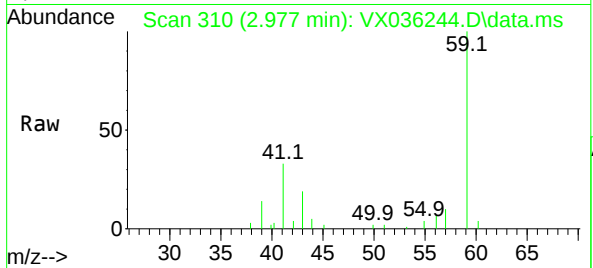
Tgt Ion: 64 Resp: 903
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





#11
Tert butyl alcohol
Concen: 42.829 ug/l
RT: 2.977 min Scan# 316
Delta R.T. -0.036 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

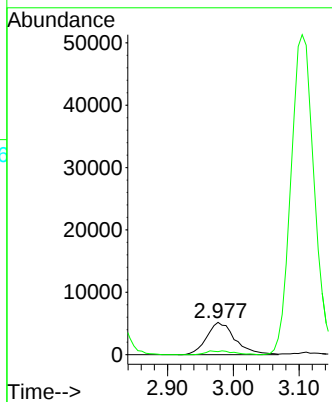
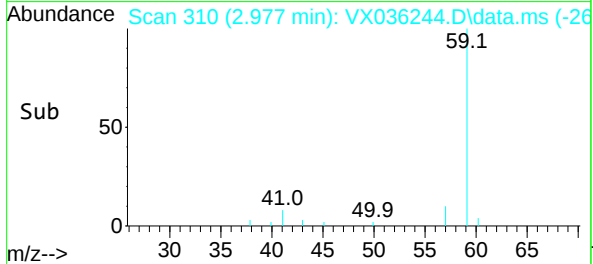
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 59 Resp: 15568
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

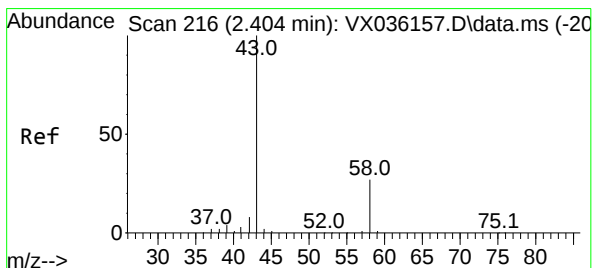
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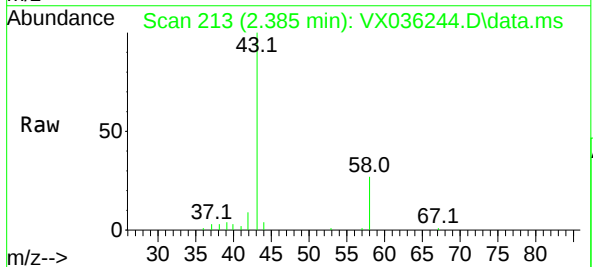


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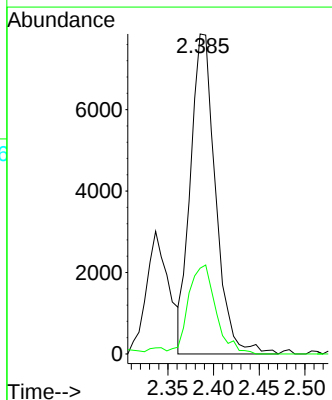
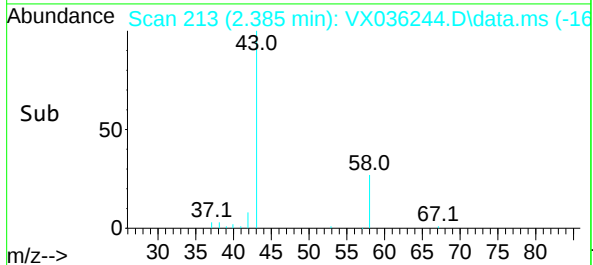
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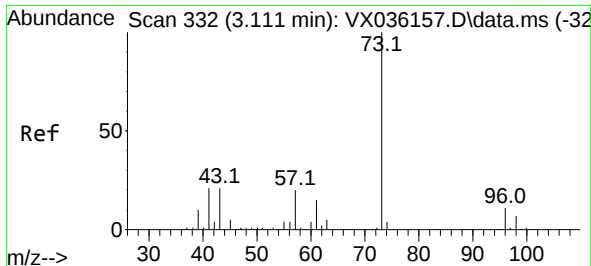


#16
Acetone
Concen: 15.168 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40



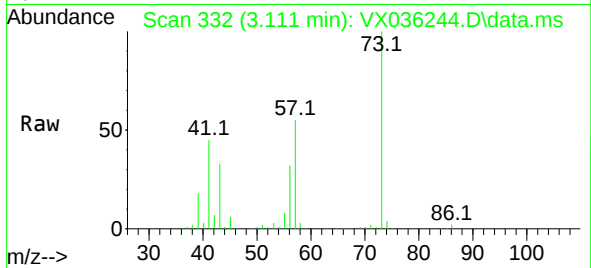
Tgt Ion: 43 Resp: 14984
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9





#19
Methyl tert-butyl Ether
Concen: 37.651 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

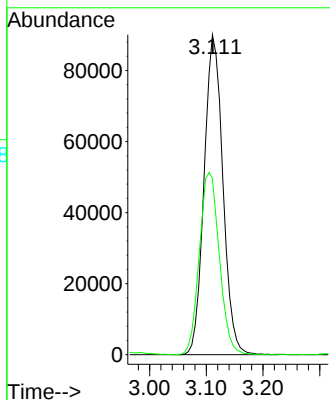
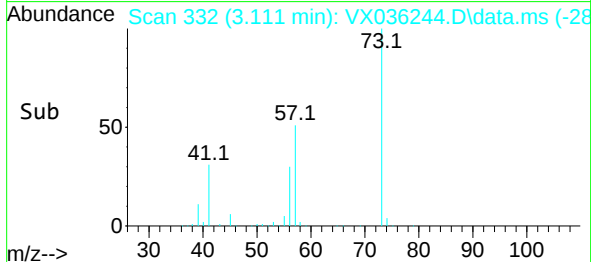
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 73 Resp: 207054
Ion Ratio Lower Upper
73 100
57 55.1 17.3 25.9

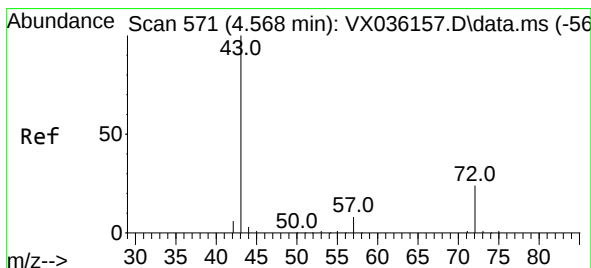
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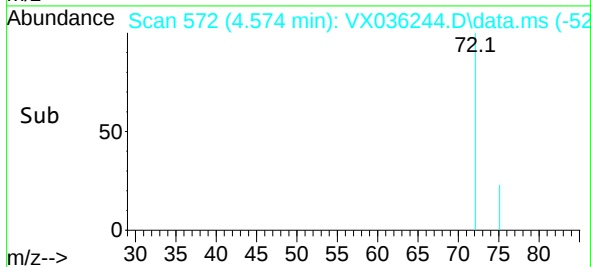
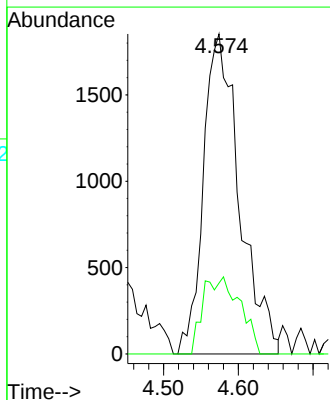
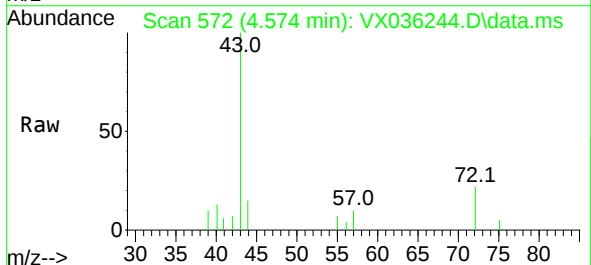
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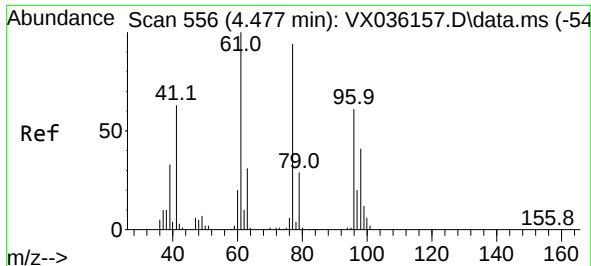
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#25
2-Butanone
Concen: 4.490 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

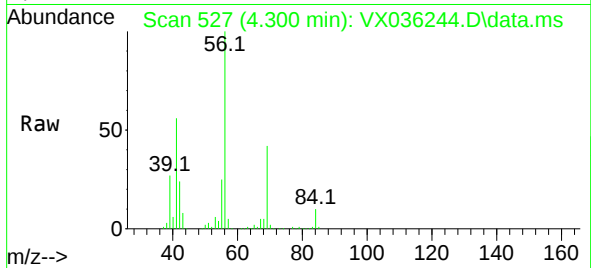
Tgt Ion: 43 Resp: 6209
Ion Ratio Lower Upper
43 100
72 22.1 19.4 29.2





#26
2,2-Dichloropropane
Concen: 0.969 ug/l
RT: 4.300 min Scan# 51
Delta R.T. -0.177 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

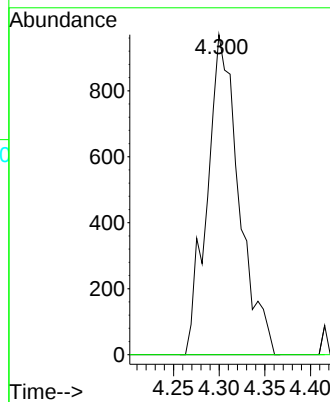
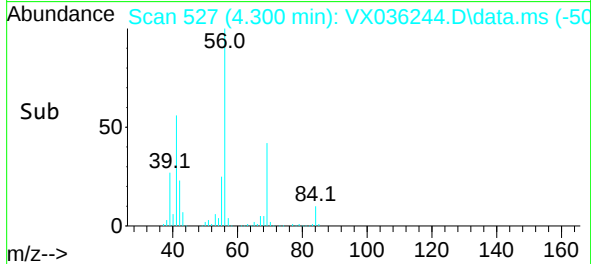
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 77 Resp: 235
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3

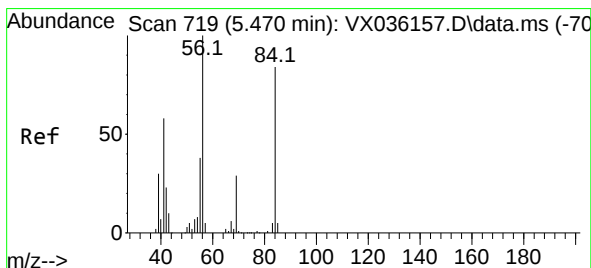
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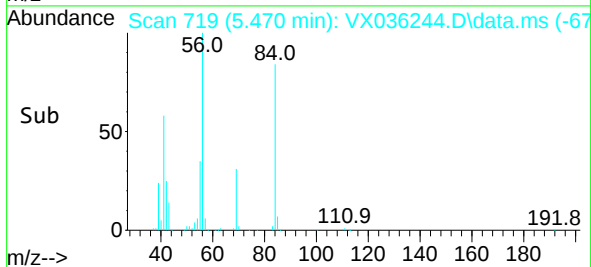
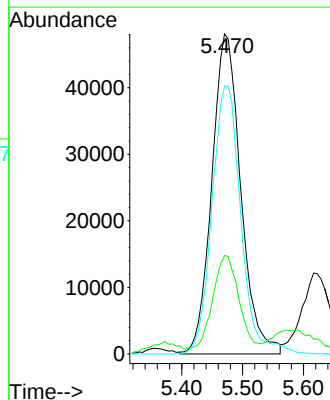
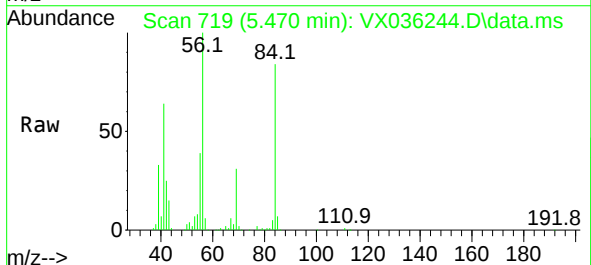
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Dadoda

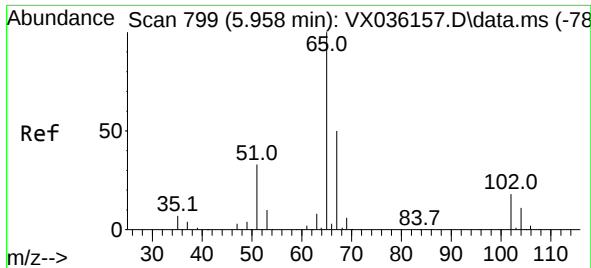
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#31
Cyclohexane
Concen: 62.136 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

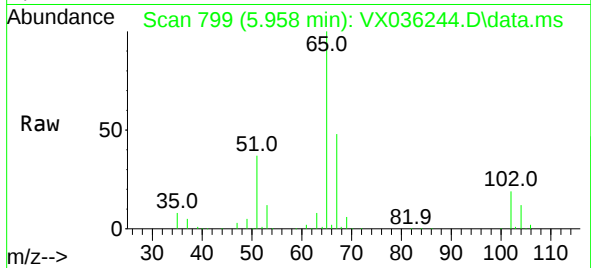
Tgt Ion: 56 Resp: 158490
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 84.0 65.9 98.9





#33
1,2-Dichloroethane-d4
Concen: 55.492 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

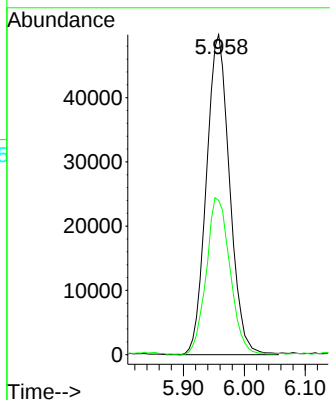
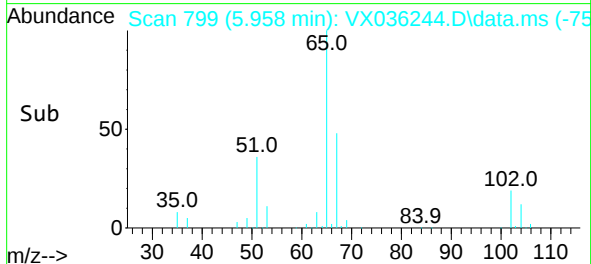
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 65 Resp: 13194
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.2

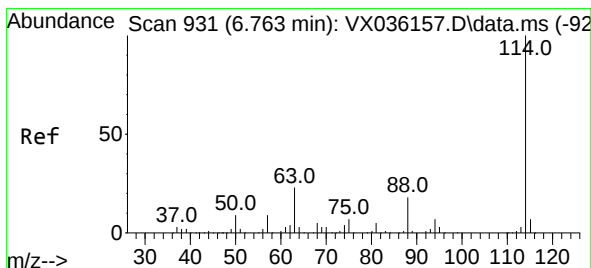
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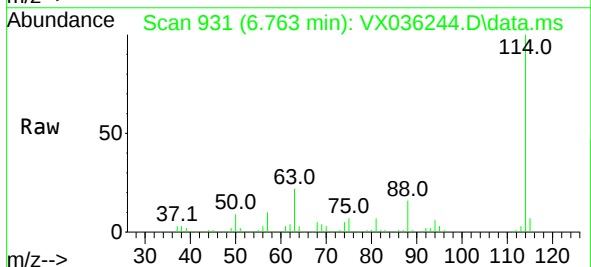


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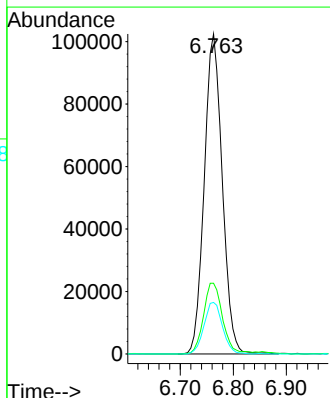
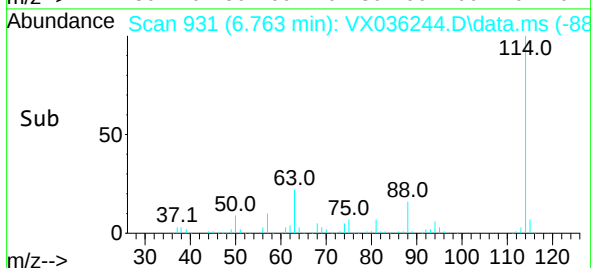
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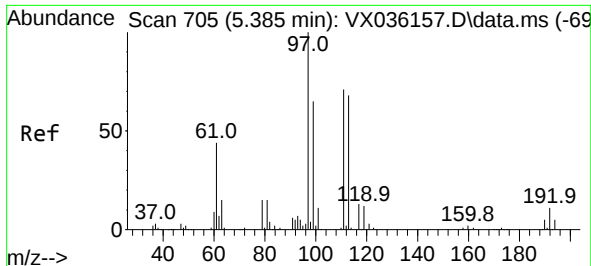


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40



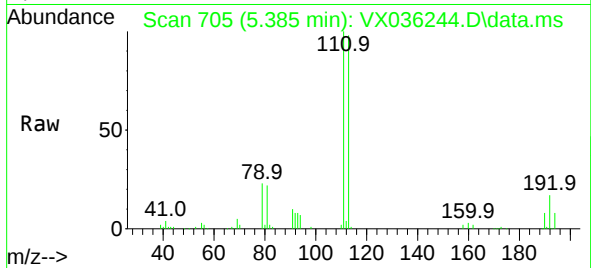
Tgt Ion:114 Resp: 241689
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.990 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

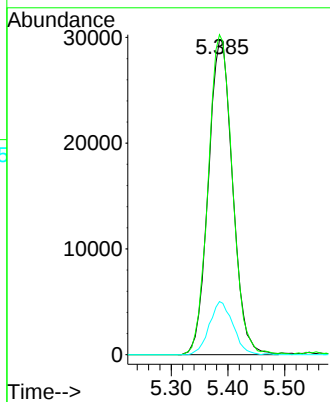
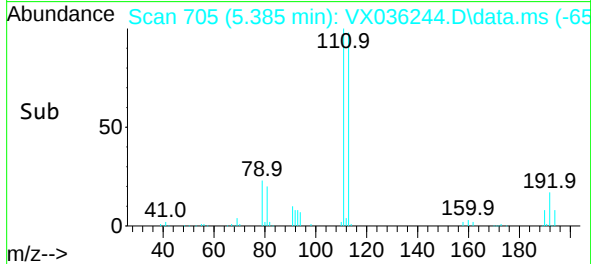
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 113 Resp: 88480
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 16.4 13.3 19.9

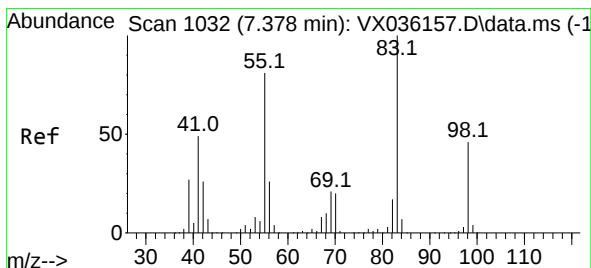
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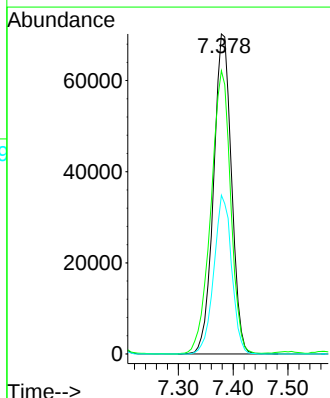
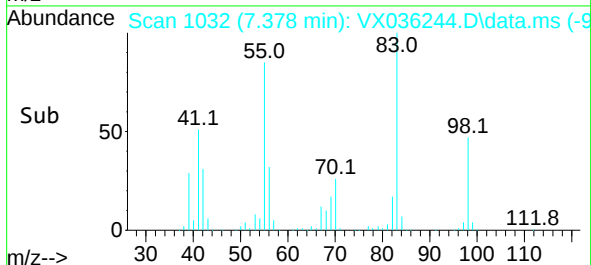
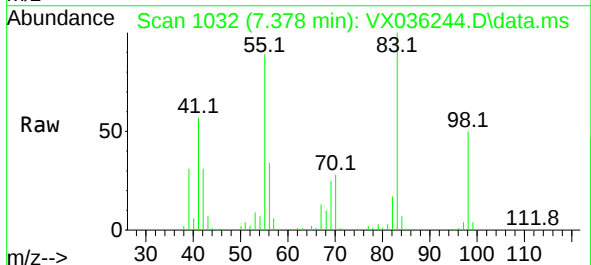
06/22/2023
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Dadoda

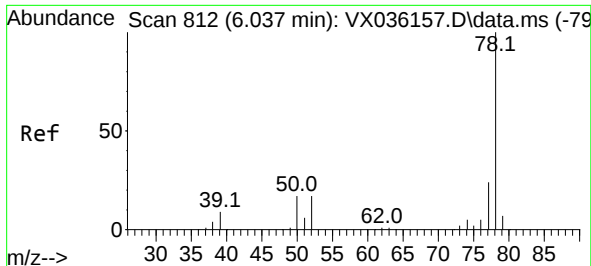
06/22/2023



#39
Methylcyclohexane
Concen: 61.536 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

Tgt Ion: 83 Resp: 160001
Ion Ratio Lower Upper
83 100
55 88.5 64.6 97.0
98 49.6 36.7 55.1





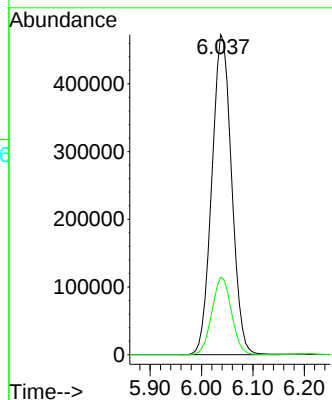
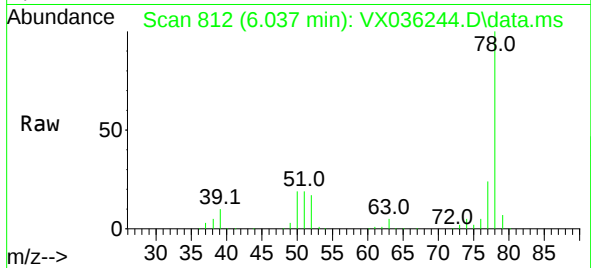
#40
Benzene
Concen: 185.784 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

Instrument :
MSVOA_X
Client SampleId :
MW-08

Tgt Ion: 78 Resp: 126130
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

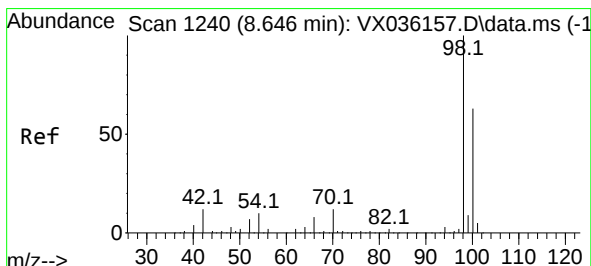
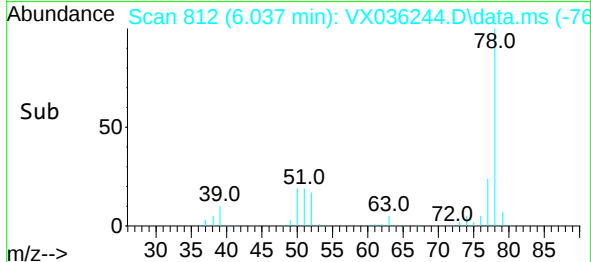
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Supervised By :Mahesh Dadoda 06/22/2023



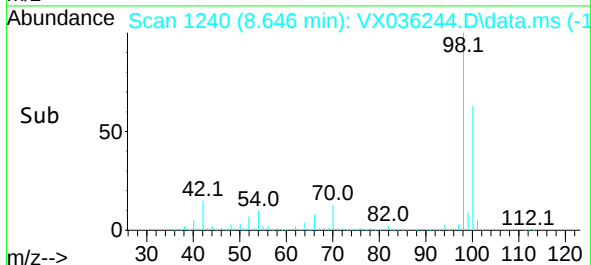
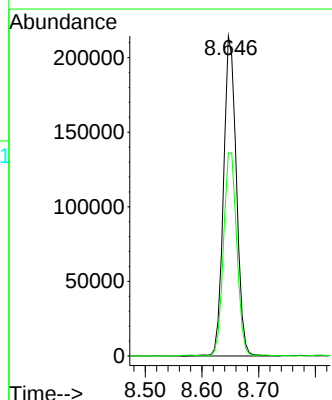
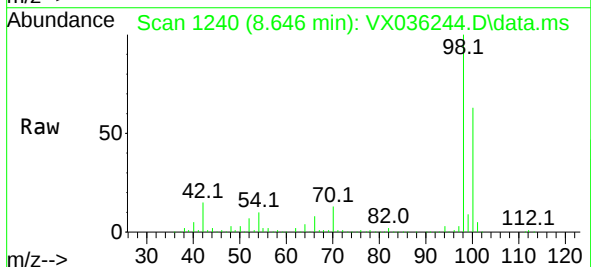
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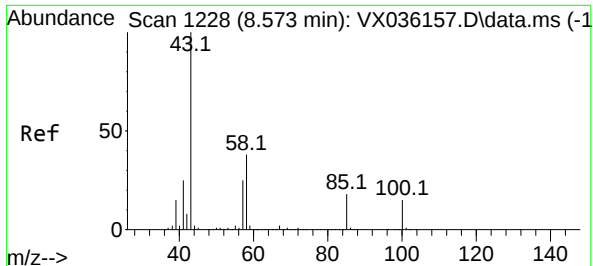
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#50
Toluene-d8
Concen: 56.164 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

Tgt Ion: 98 Resp: 336705
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





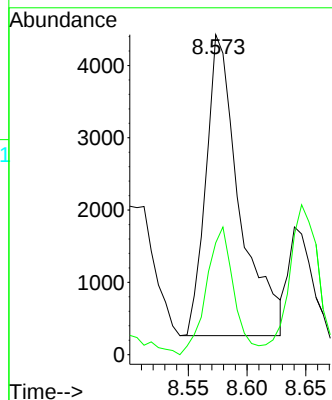
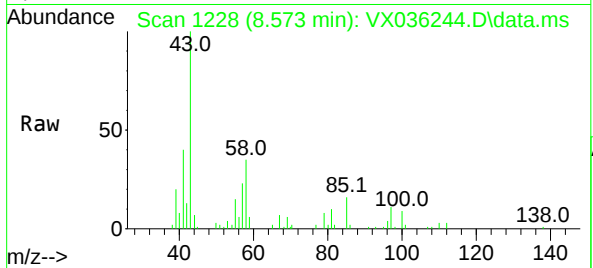
#51
4-Methyl-2-Pentanone
Concen: 3.037 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Tgt Ion: 43 Resp: 8254
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

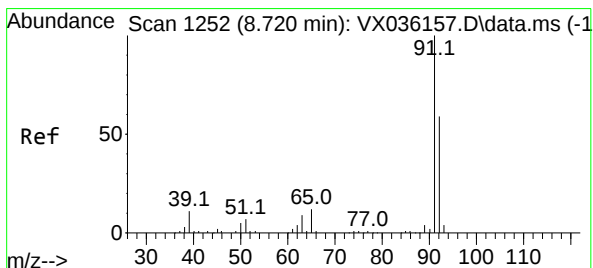
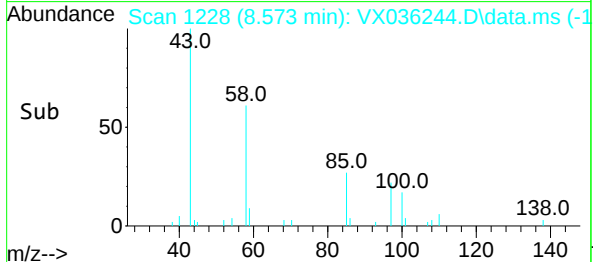
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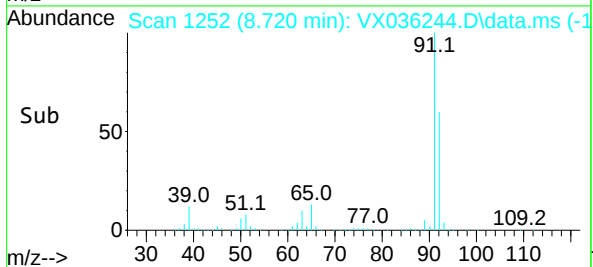
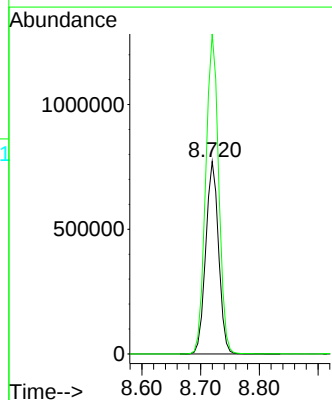
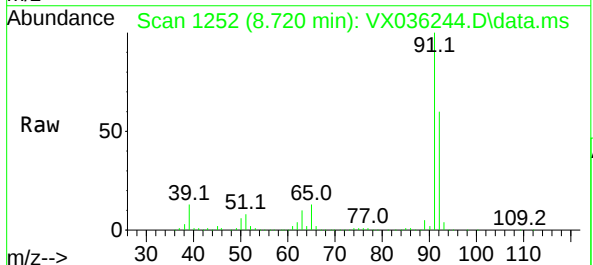
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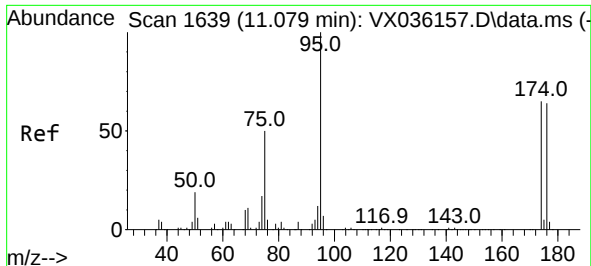
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#52
Toluene
Concen: 275.836 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

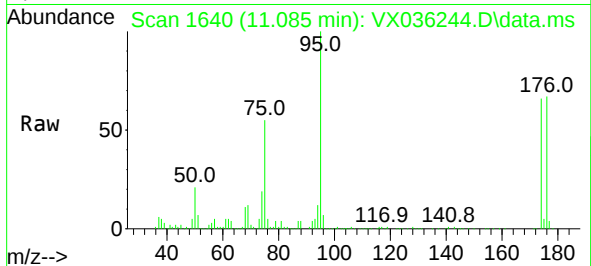
Tgt Ion: 92 Resp: 1172468
Ion Ratio Lower Upper
92 100
91 168.1 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 59.943 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

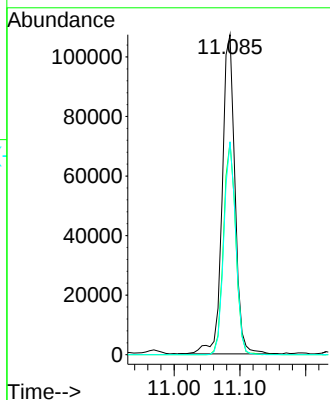
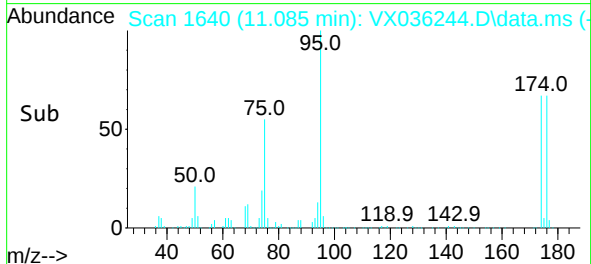
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 95 Resp: 145063
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 62.0 0.0 131.0

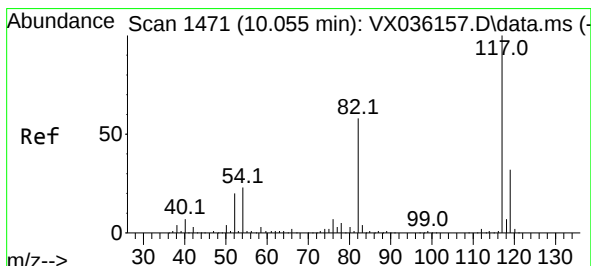
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Supervised By :Mahesh Dadoda 06/22/2023

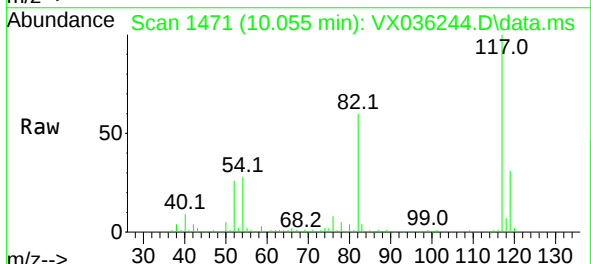


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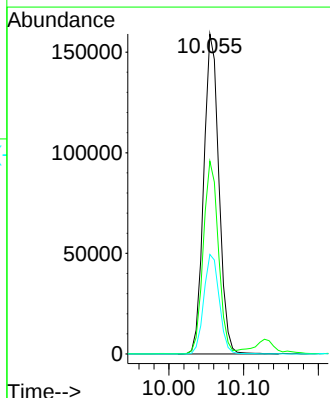
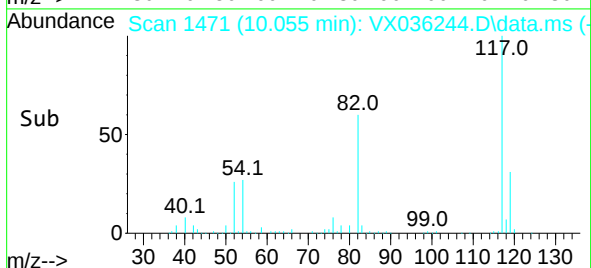
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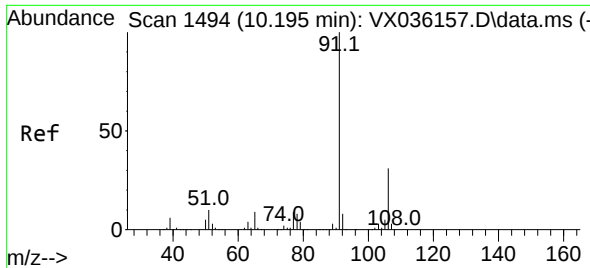


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40



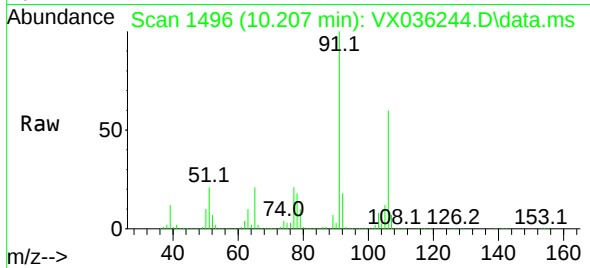
Tgt Ion:117 Resp: 223924
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 31.1 25.5 38.3





#67
Ethyl Benzene
Concen: 1961.803 ug/l
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

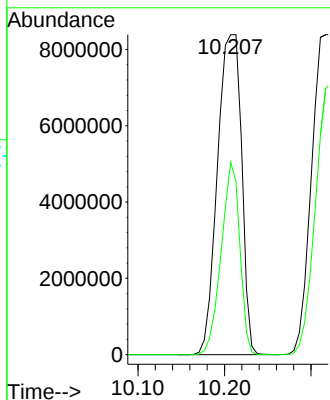
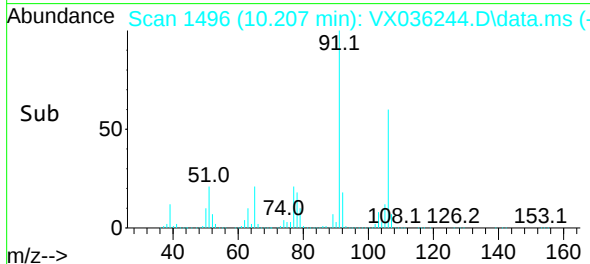
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 91 Resp:16257215
Ion Ratio Lower Upper
91 100
106 60.1 24.9 37.3#

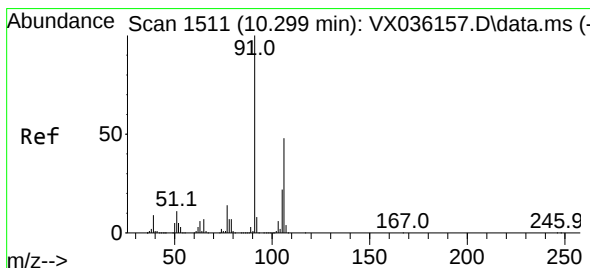
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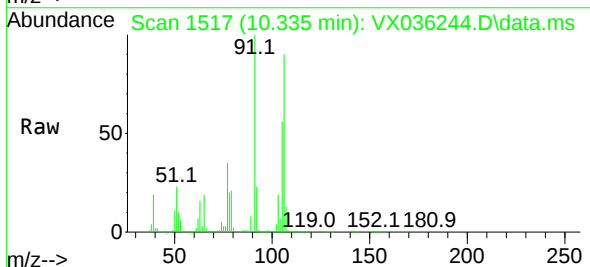


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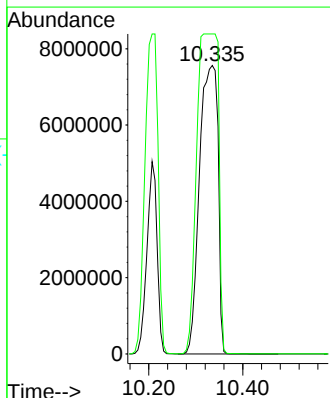
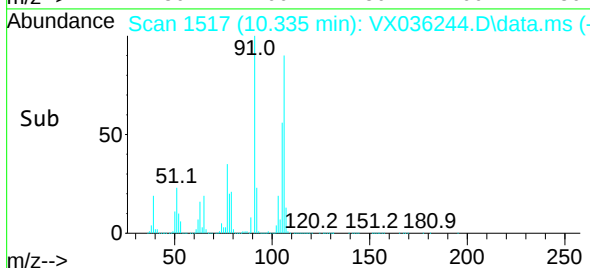
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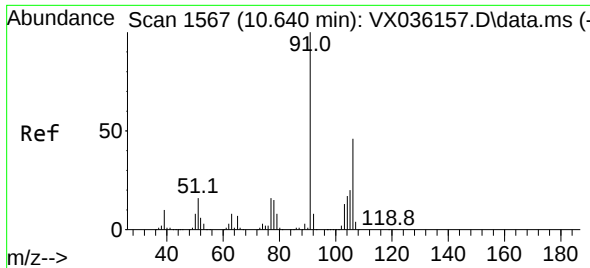


#68
m/p-Xylenes
Concen: 6600.623 ug/l
RT: 10.335 min Scan# 1517
Delta R.T. 0.036 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40



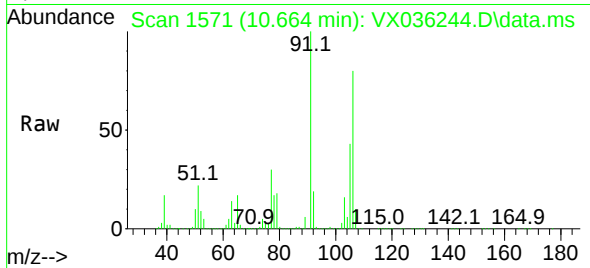
Tgt Ion:106 Resp:20636992
Ion Ratio Lower Upper
106 100
91 0.0 165.5 248.3#





#69
o-Xylene
Concen: 4091.322 ug/l
RT: 10.664 min Scan# 1567
Delta R.T. 0.024 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

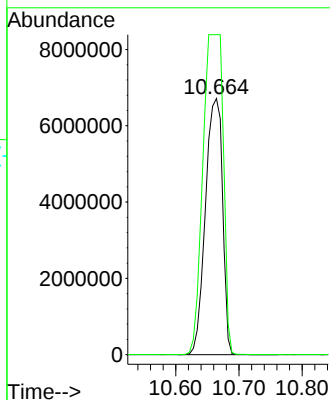
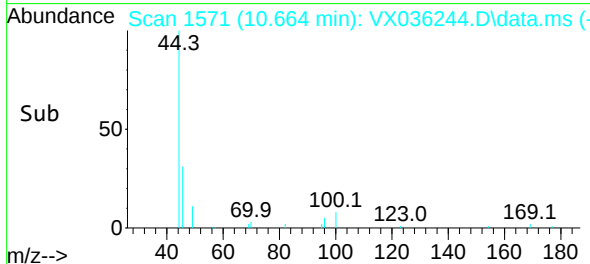
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:106 Resp:12620350
Ion Ratio Lower Upper
106 100
91 149.5 108.9 326.8

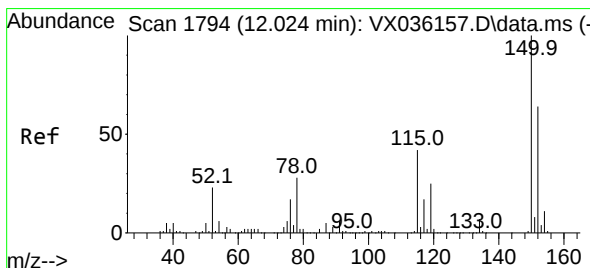
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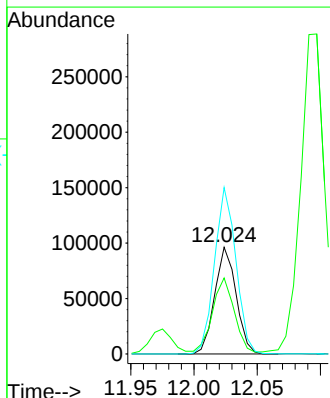
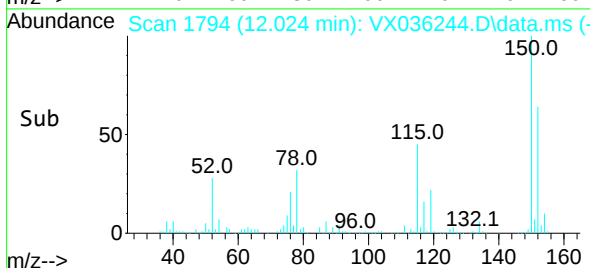
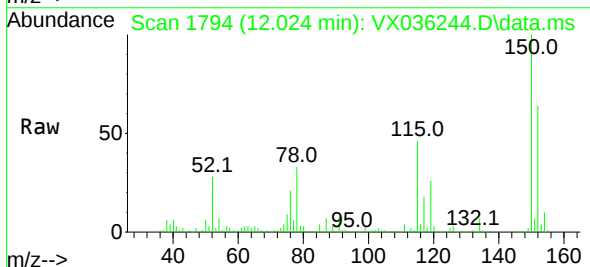
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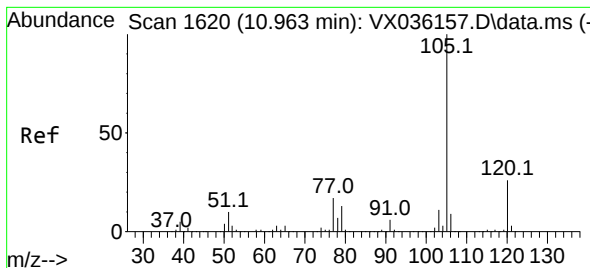
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

Tgt Ion:152 Resp: 113174
Ion Ratio Lower Upper
152 100
115 68.8 43.3 129.9
150 156.4 0.0 345.0





#73

Isopropylbenzene

Concen: 170.114 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036244.D

Acq: 20 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion:105 Resp: 142857

Ion Ratio Lower Upper

105 100

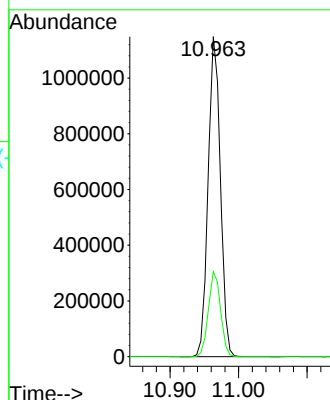
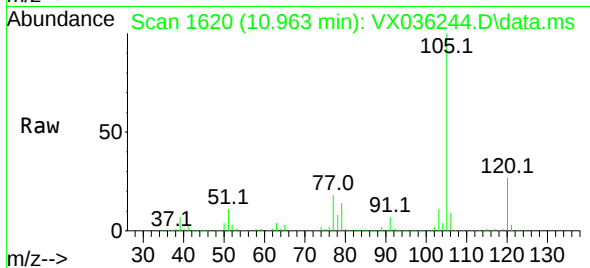
120 26.5 12.9 38.6

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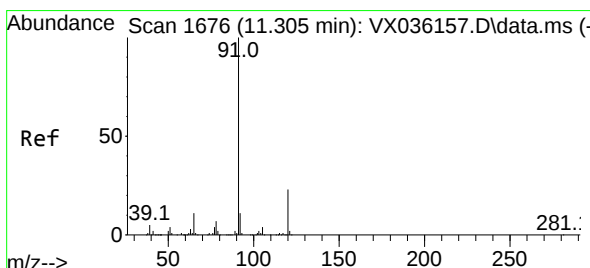
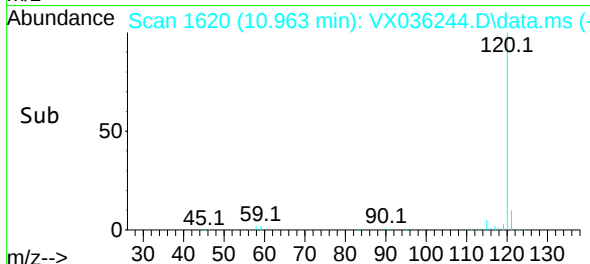
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#78

n-propylbenzene

Concen: 413.767 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX036244.D

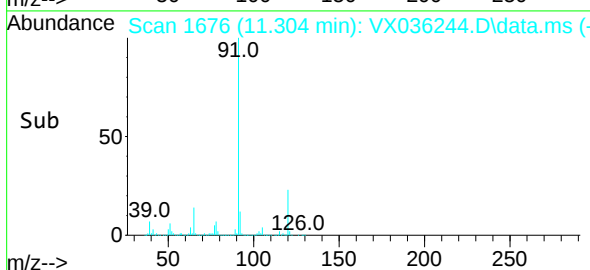
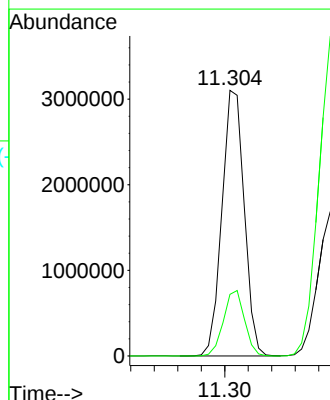
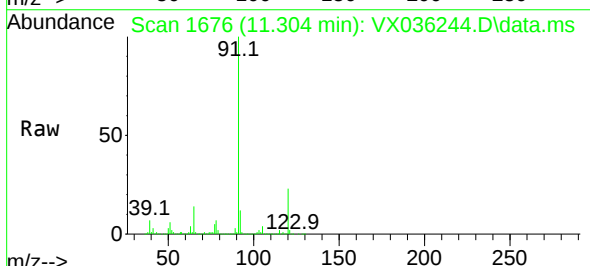
Acq: 20 Jun 2023 15:40

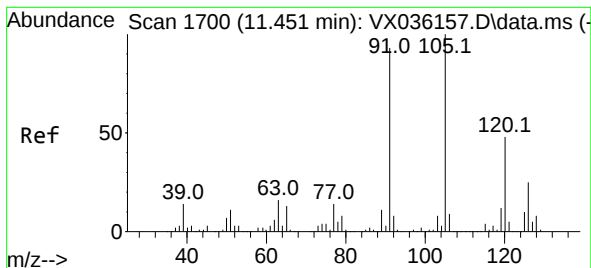
Tgt Ion: 91 Resp: 4087623

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 877.891 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036244.D

Acq: 20 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion:105 Resp: 6277604

Ion Ratio Lower Upper

105 100

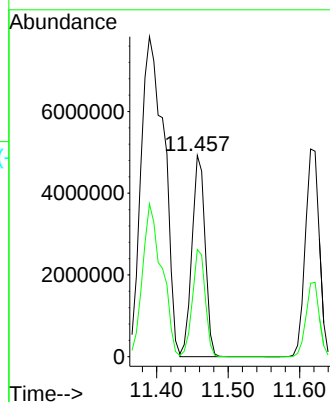
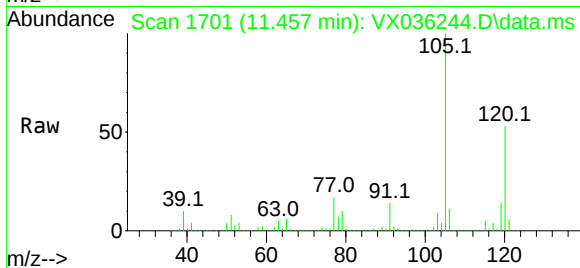
120 52.0 24.1 72.3

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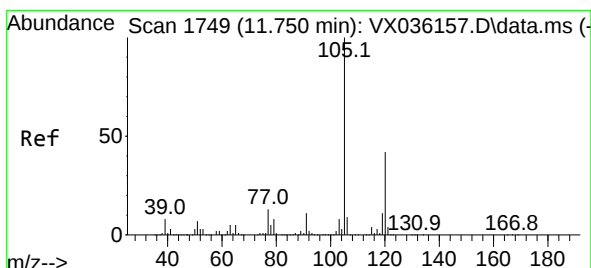
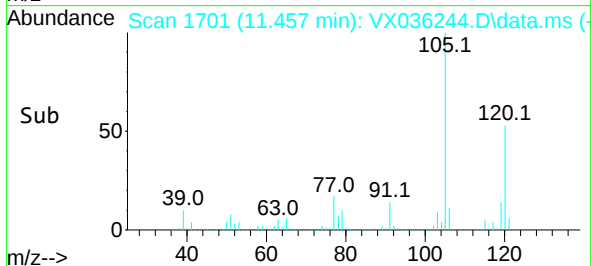
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#84

1,2,4-Trimethylbenzene

Concen: 2299.006 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VX036244.D

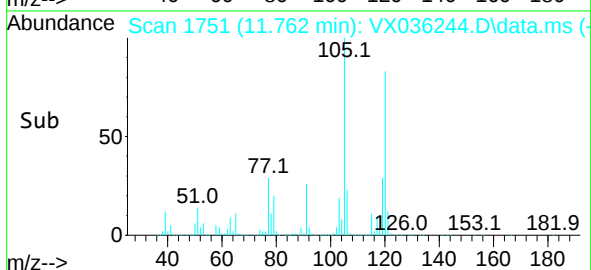
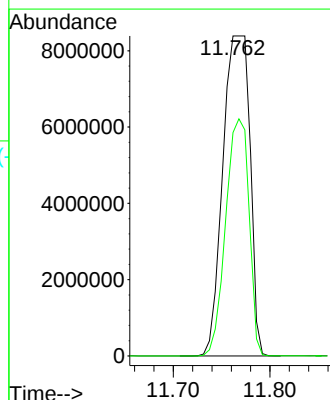
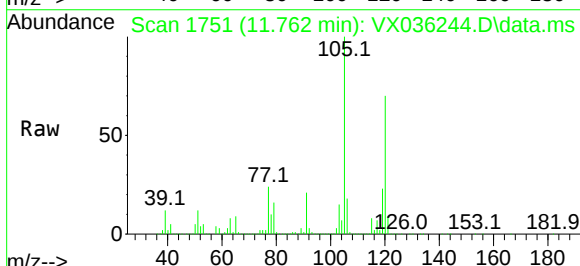
Acq: 20 Jun 2023 15:40

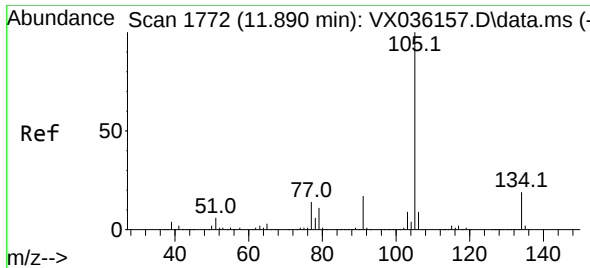
Tgt Ion:105 Resp:16397753

Ion Ratio Lower Upper

105 100

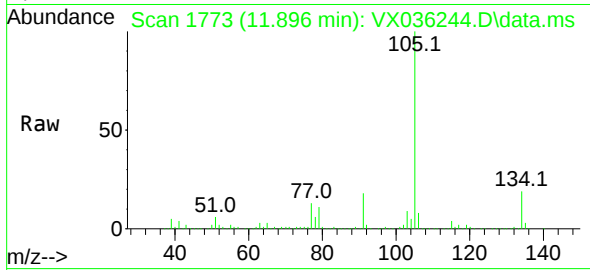
120 63.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.728 ug/l m
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX036244.D
 Acq: 20 Jun 2023 15:40

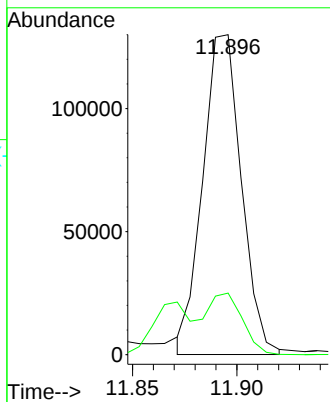
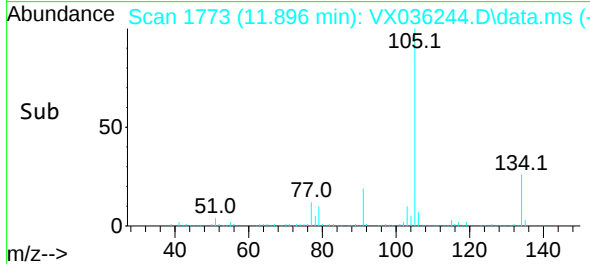
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08



Tgt Ion:105 Resp: 166994
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

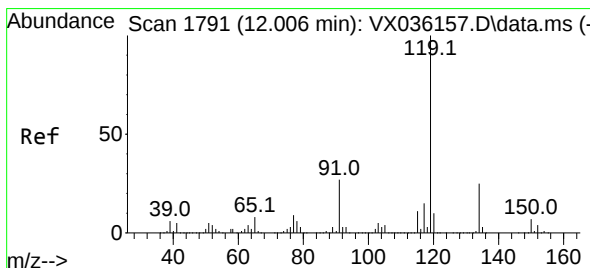
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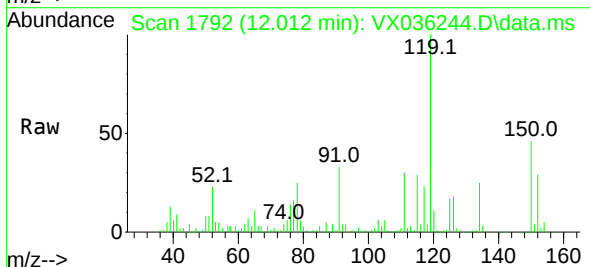


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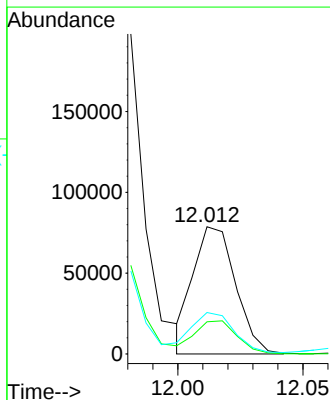
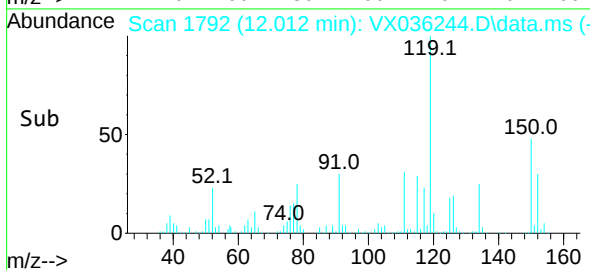
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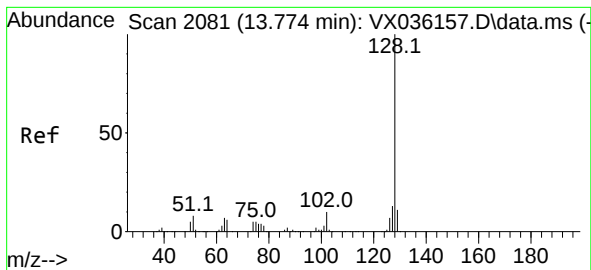


#86
 p-Isopropyltoluene
 Concen: 13.041 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036244.D
 Acq: 20 Jun 2023 15:40



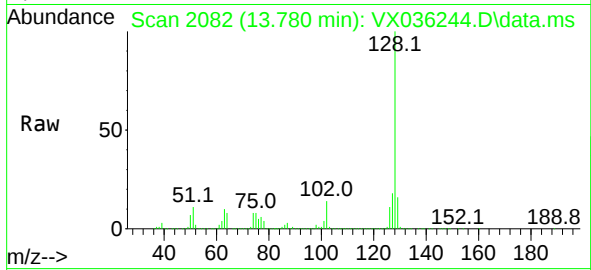
Tgt Ion:119 Resp: 92872
 Ion Ratio Lower Upper
 119 100
 134 103.8 12.8 38.3#
 91 103.5 13.1 39.3#





#95
Naphthalene
Concen: 1237.717 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX036244.D
Acq: 20 Jun 2023 15:40

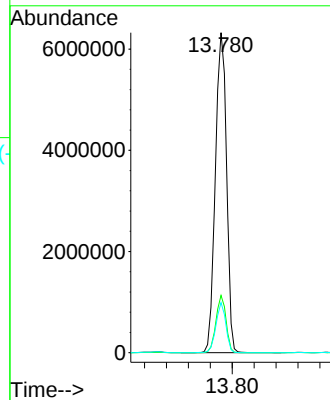
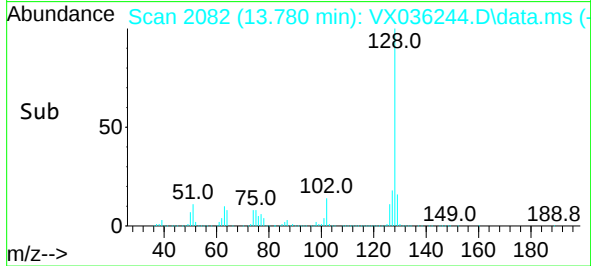
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:128 Resp: 8912329
Ion Ratio Lower Upper
128 100
127 16.1 10.3 15.5
129 13.9 8.8 13.2

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Dadoda

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