

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028979.D
 Acq On : 26 May 2022 03:28
 Operator : JC/MD
 Sample : N3002-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: May 26 05:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

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 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	336821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	597811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280884	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	225364	48.811	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.620%
35) Dibromofluoromethane	5.391	113	196547	50.181	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.360%
50) Toluene-d8	8.653	98	713817	48.339	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.085	95	290660	52.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.400%

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Target Compounds						Qvalue
16) Acetone	2.379	43	26991	13.621	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	30112	2.434	ug/l #	1
25) 2-Butanone	4.562	43	13605	4.374	ug/l	94
31) Cyclohexane	5.476	56	62707	9.785	ug/l	99
39) Methylcyclohexane	7.385	83	41809	6.197	ug/l	95
40) Benzene	6.043	78	2834459	167.646	ug/l	100
42) 1,2-Dichloroethane	6.092	62	22802	3.656	ug/l	96
44) Trichloroethene	7.128	130	1428	0.311	ug/l	81
45) 1,2-Dichloropropane	7.439	63	1685	0.399	ug/l	93
51) 4-Methyl-2-Pentanone	8.579	43	7770	1.227	ug/l	99
52) Toluene	8.720	92	263784	24.253	ug/l	99
67) Ethyl Benzene	10.195	91	3049706	139.390	ug/l	96
68) m/p-Xylenes	10.305	106	456945	53.644	ug/l	99
69) o-Xylene	10.646	106	217812	25.972	ug/l	98
73) Isopropylbenzene	10.963	105	130767	6.139	ug/l	99
78) n-propylbenzene	11.305	91	243879	9.898	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	770699	43.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1809590	101.672	ug/l	98
85) sec-Butylbenzene	11.890	105	16896m	0.797	ug/l	
86) p-Isopropyltoluene	12.012	119	12277	0.690	ug/l #	74
95) Naphthalene	13.774	128	280165	14.037	ug/l	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

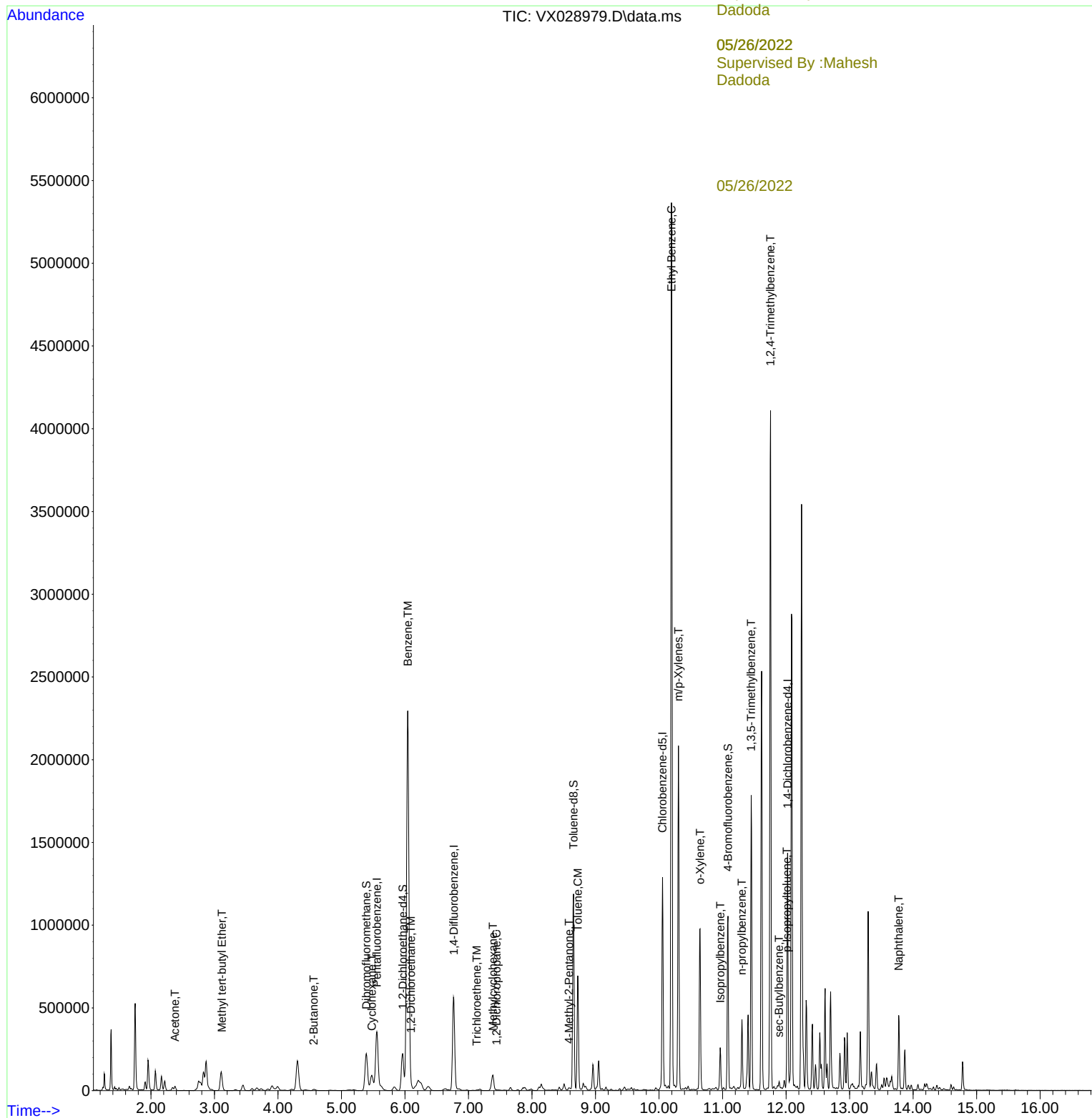
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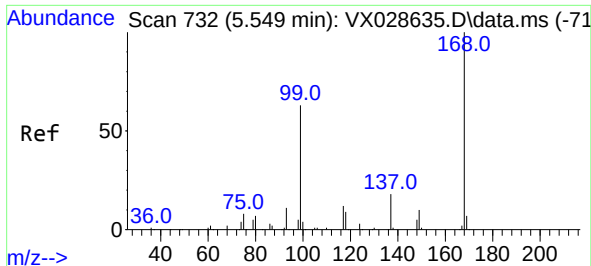
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:168 Resp: 33682
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5

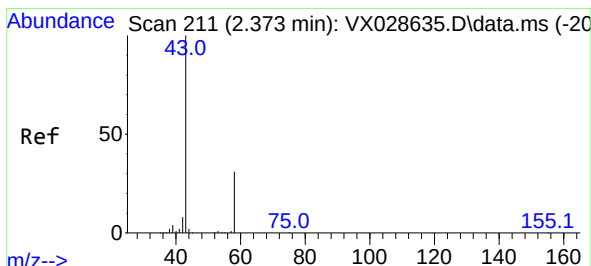
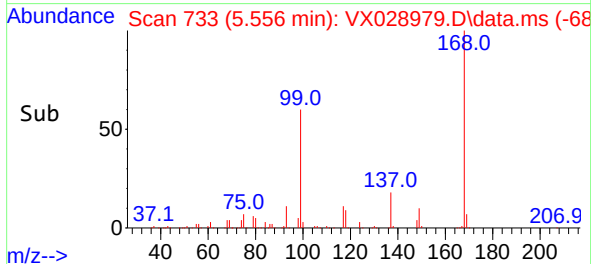
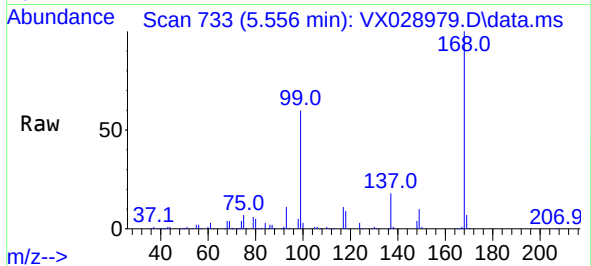
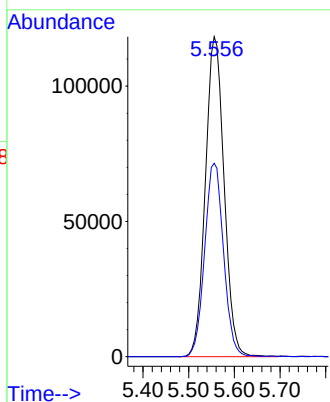
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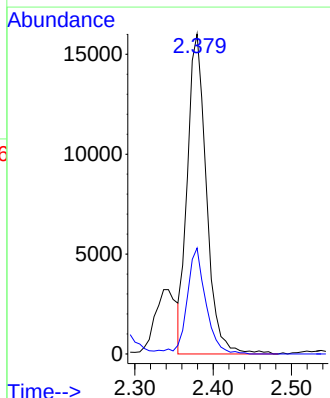
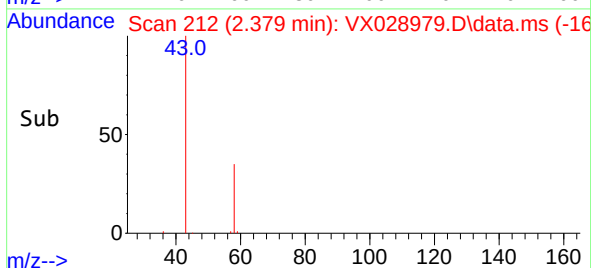
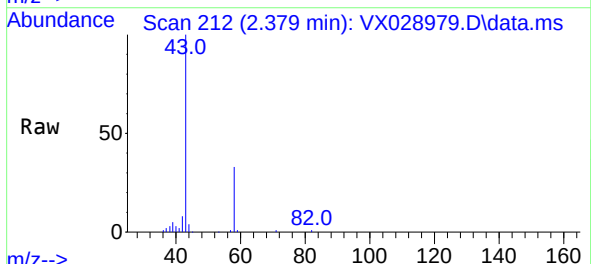
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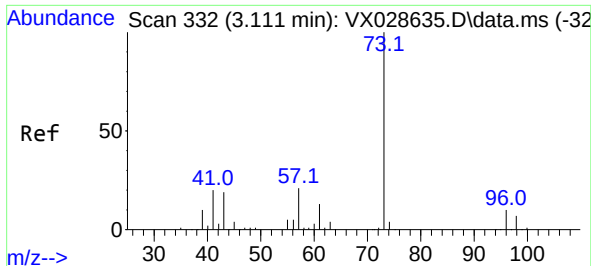
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#16
Acetone
Concen: 13.621 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

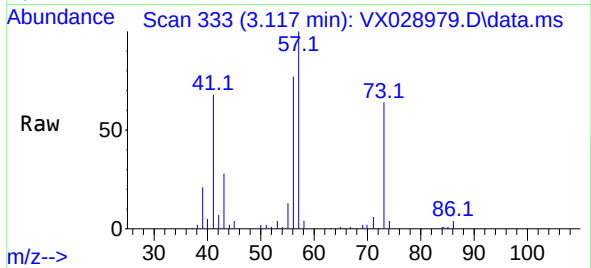
Tgt Ion: 43 Resp: 26991
Ion Ratio Lower Upper
43 100
58 33.1 28.8 43.2





#19
Methyl tert-butyl Ether
Concen: 2.434 ug/l
RT: 3.117 min Scan# 3011
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



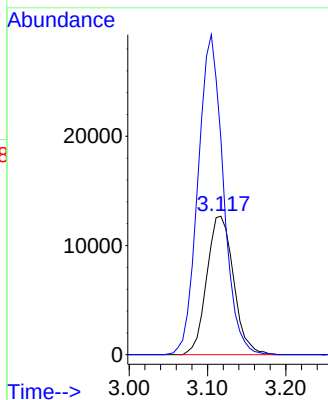
Tgt Ion: 73 Resp: 3011
Ion Ratio Lower Upper
73 100
57 155.8 16.8 25.2

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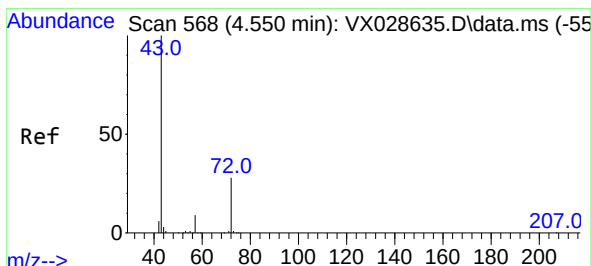
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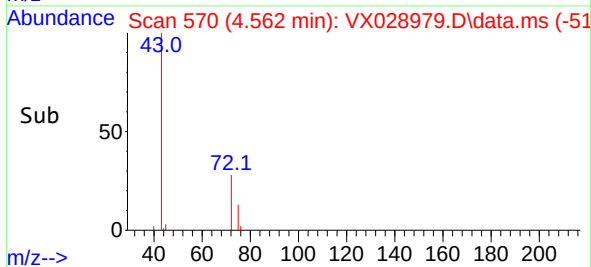
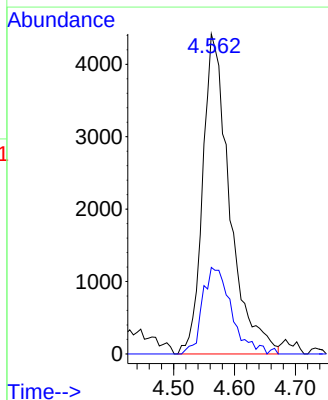
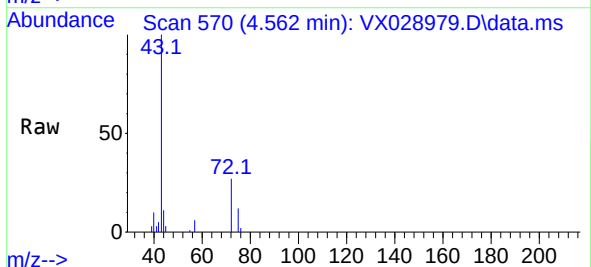


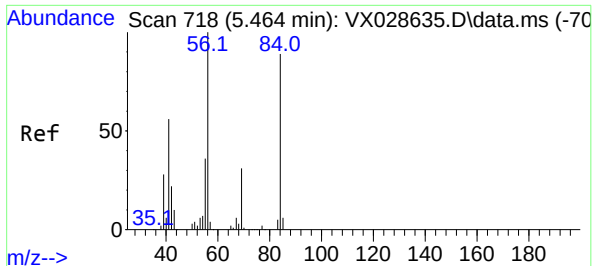
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#25
2-Butanone
Concen: 4.374 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

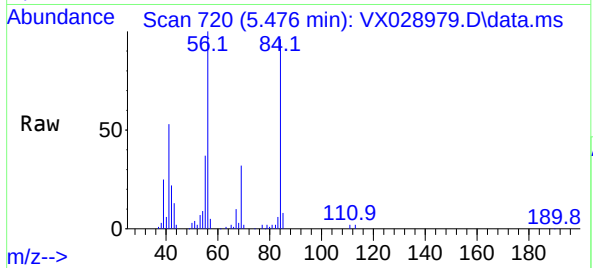
Tgt Ion: 43 Resp: 13605
Ion Ratio Lower Upper
43 100
72 27.0 24.4 36.6





#31
Cyclohexane
Concen: 9.785 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



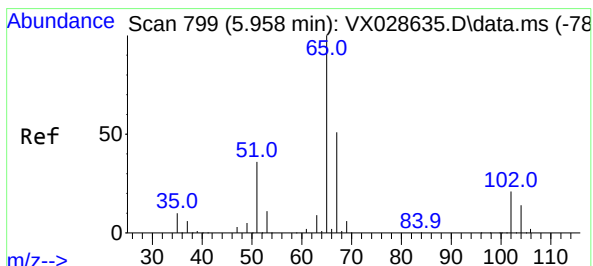
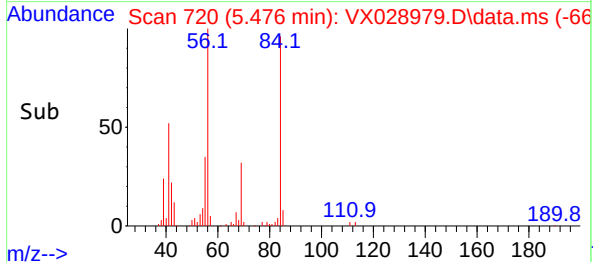
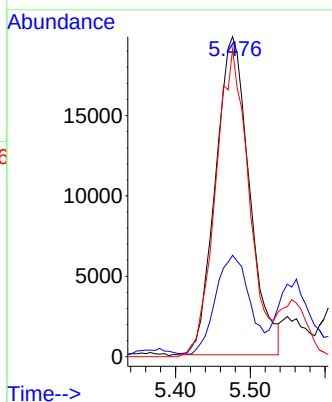
Tgt Ion: 56 Resp: 6270
Ion Ratio Lower Upper
56 100
69 30.9 26.7 40.1
84 96.7 77.2 115.8

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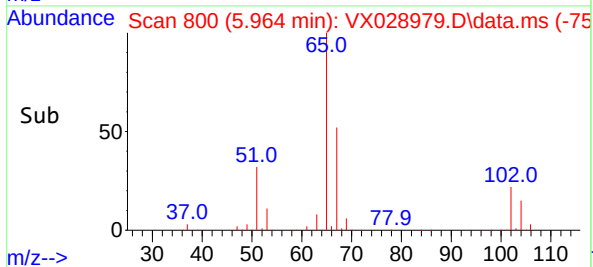
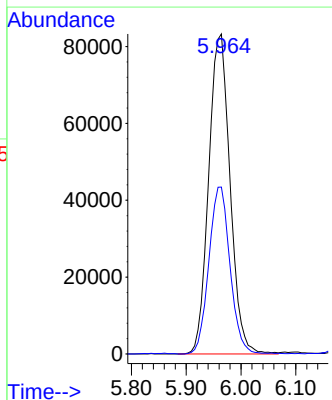
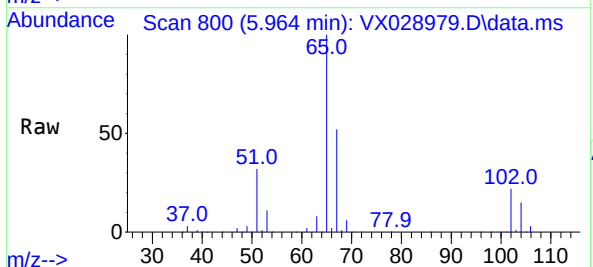
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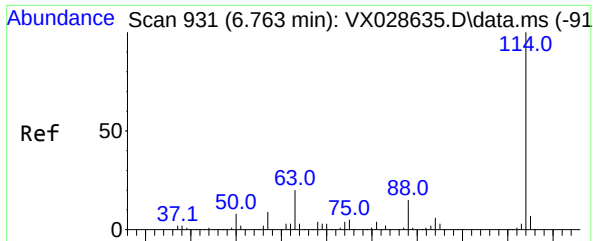
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#33
1,2-Dichloroethane-d4
Concen: 48.811 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

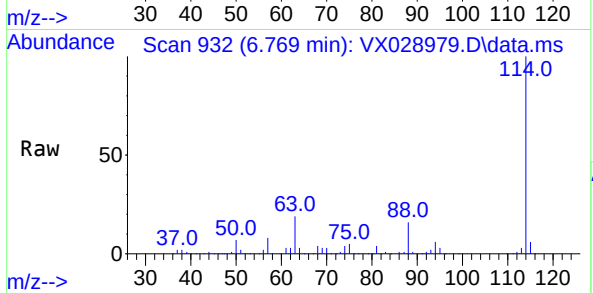
Tgt Ion: 65 Resp: 225364
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



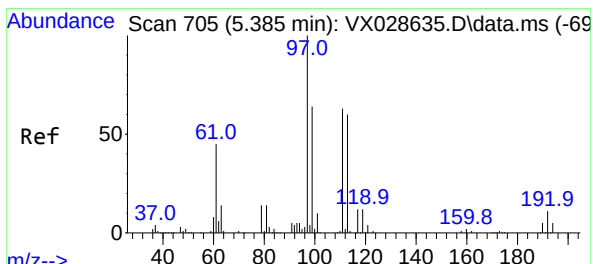
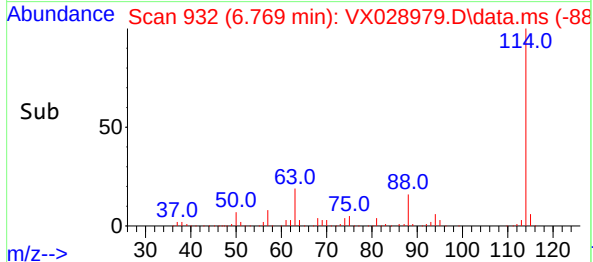
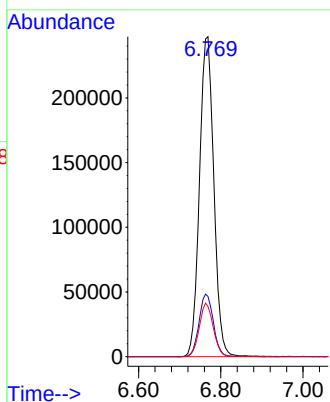
Tgt Ion:114 Resp: 59781
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 15.7 0.0 32.4

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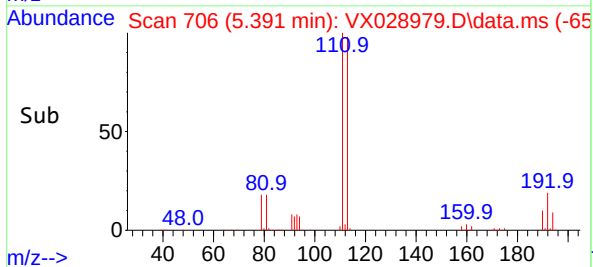
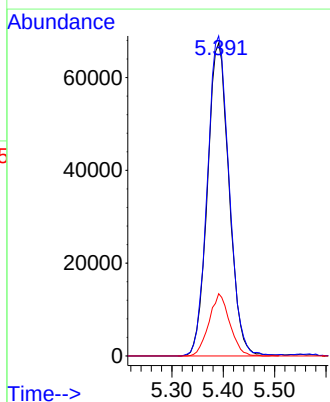
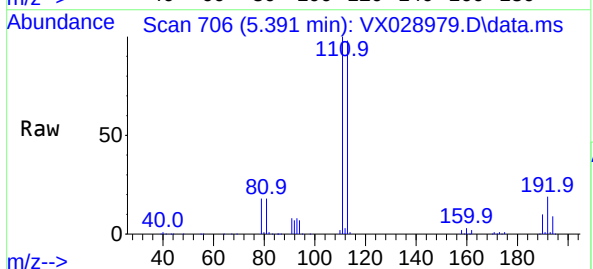
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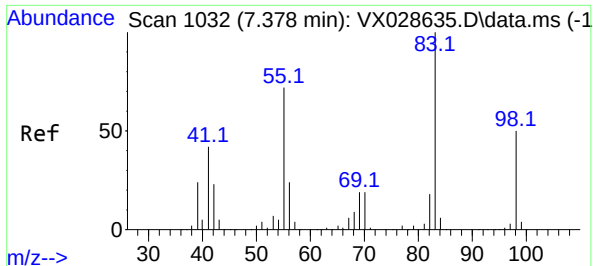
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#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Tgt Ion:113 Resp: 196547
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.1 16.9 25.3





#39

Methylcyclohexane

Concen: 6.197 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.007 min

Lab File: VX028979.D

Acq: 26 May 2022 03:28

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion: 83	Resp: 41809
Ion Ratio	Lower Upper
83	100
55	73.1 54.6 81.8
98	49.2 37.4 56.2

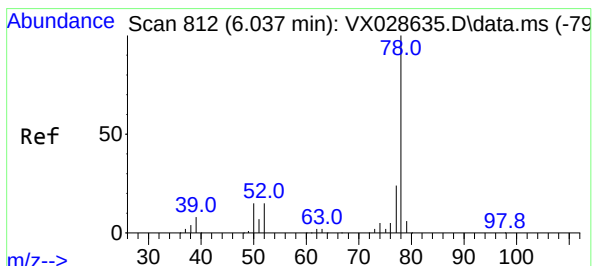
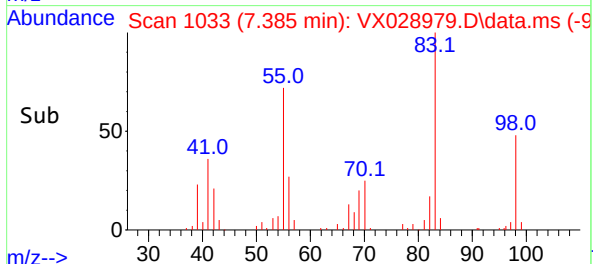
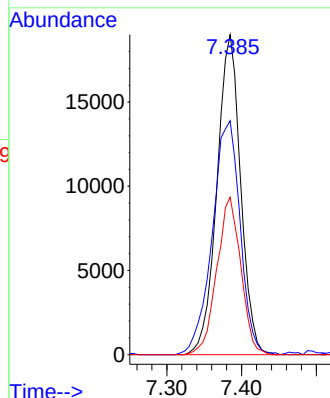
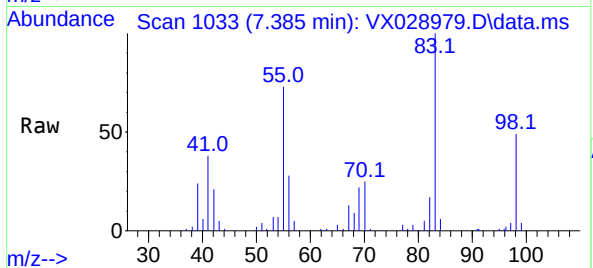
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#40

Benzene

Concen: 167.646 ug/l

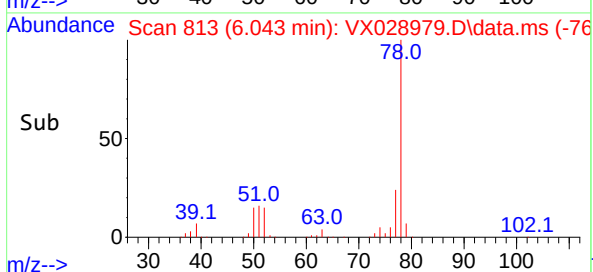
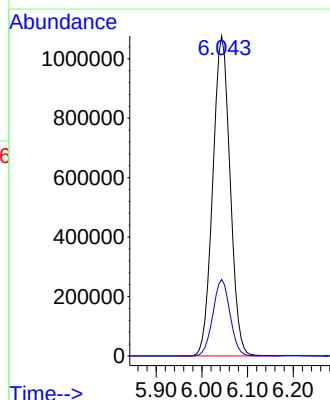
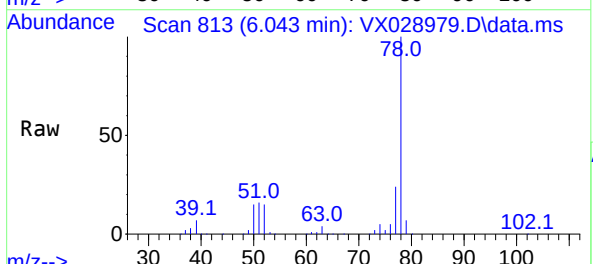
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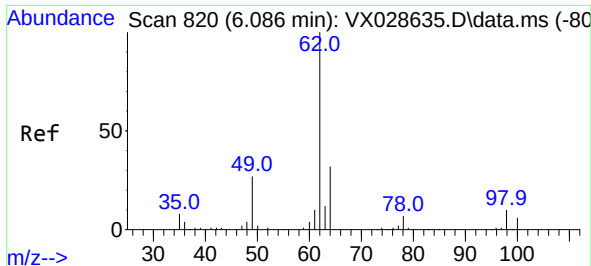
Delta R.T. 0.006 min

Lab File: VX028979.D

Acq: 26 May 2022 03:28

Tgt Ion: 78	Resp: 2834459
Ion Ratio	Lower Upper
78	100
77	23.9 19.3 28.9





#42
1,2-Dichloroethane
Concen: 3.656 ug/l
RT: 6.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
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ClientSampleId :
MW-12

Tgt Ion: 62 Resp: 2280
Ion Ratio Lower Upper
62 100
98 11.8 0.0 20.4

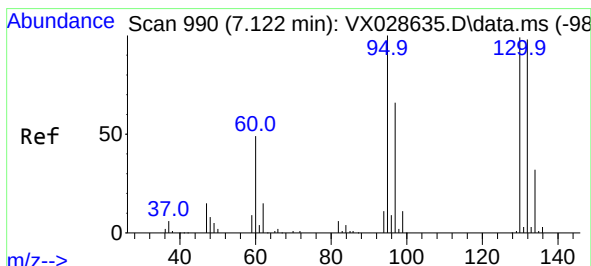
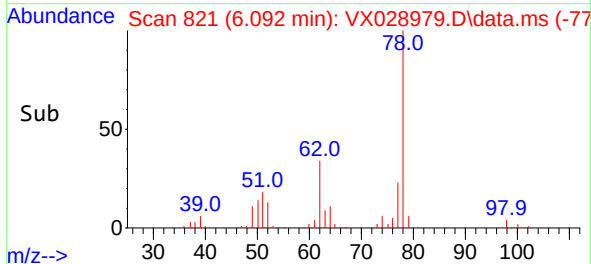
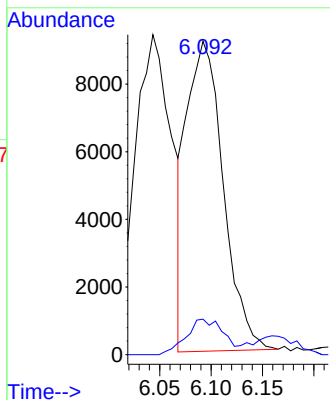
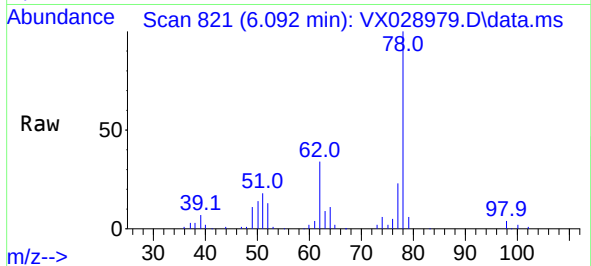
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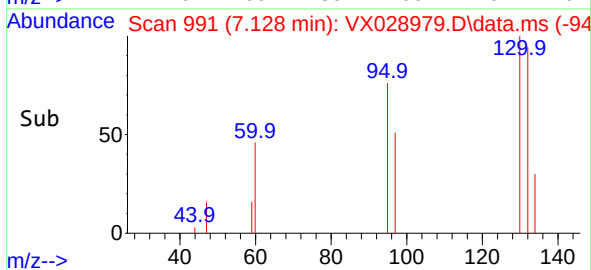
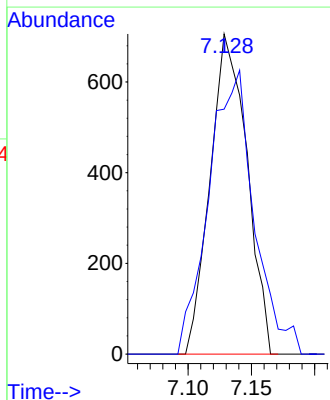
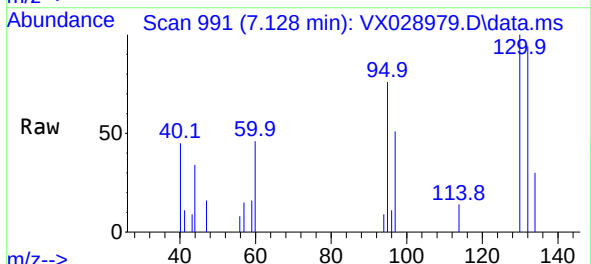
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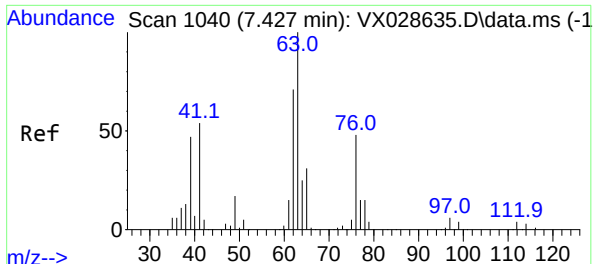
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#44
Trichloroethene
Concen: 0.311 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

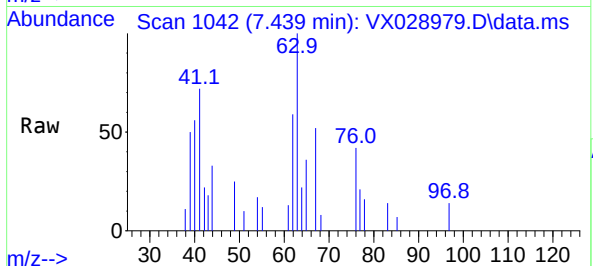
Tgt Ion:130 Resp: 1428
Ion Ratio Lower Upper
130 100
95 76.5 0.0 188.8





#45
1,2-Dichloropropane
Concen: 0.399 ug/l
RT: 7.439 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
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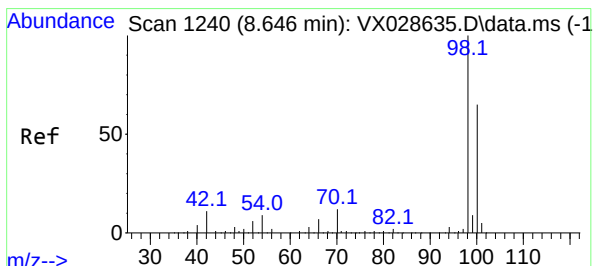
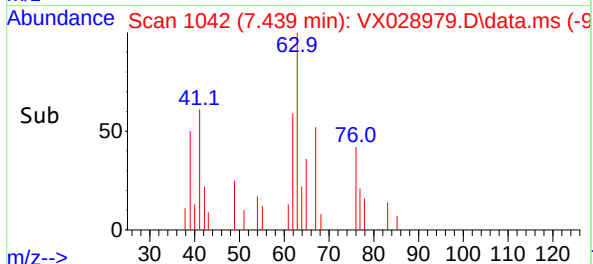
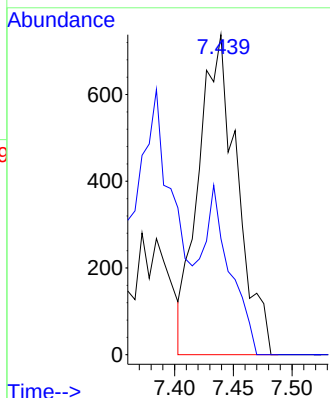
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Ion Ratio Lower Upper
63 100
65 36.3 25.8 38.6

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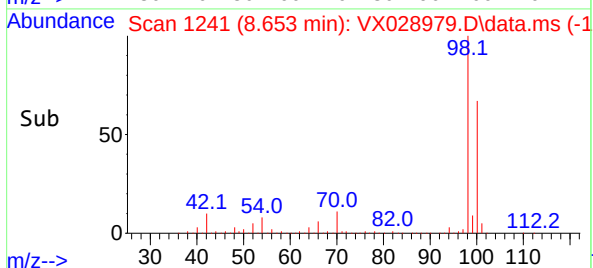
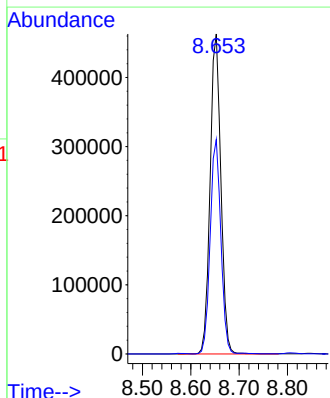
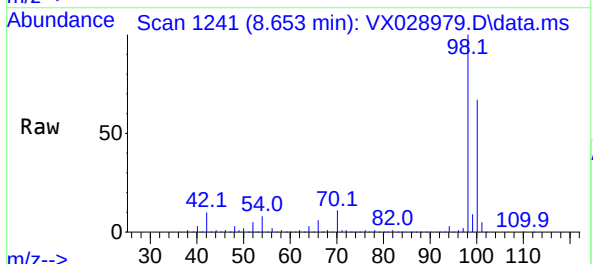
05/26/2022
Supervised By :Mahesh
Dadoda

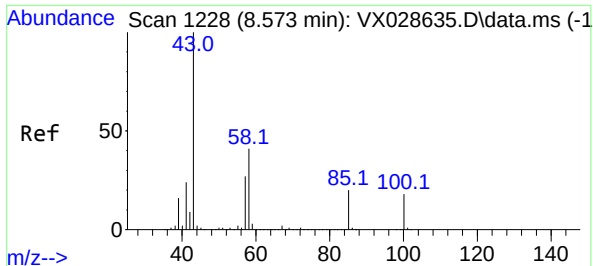
05/26/2022
Supervised By :Mahesh
Dadoda



#50
Toluene-d8
Concen: 48.339 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

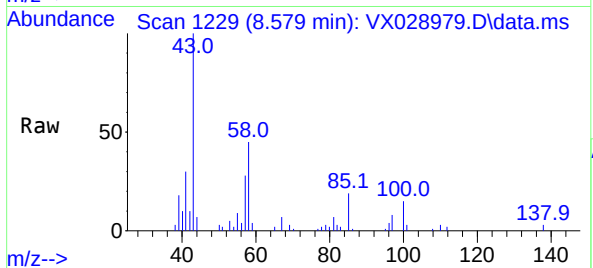
Tgt Ion: 98 Resp: 713817
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 1.227 ug/l
RT: 8.579 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



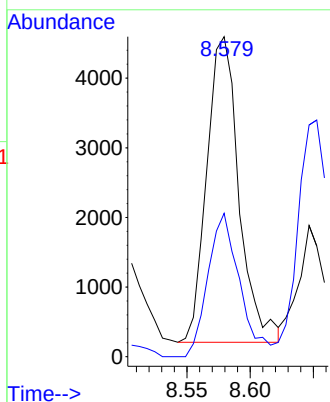
Tgt Ion: 43 Resp: 7770
Ion Ratio Lower Upper
43 100
58 46.0 36.1 54.1

Manual Integrations
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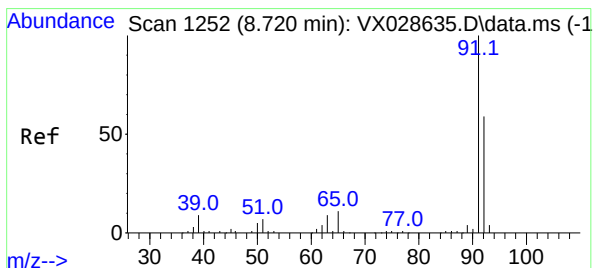
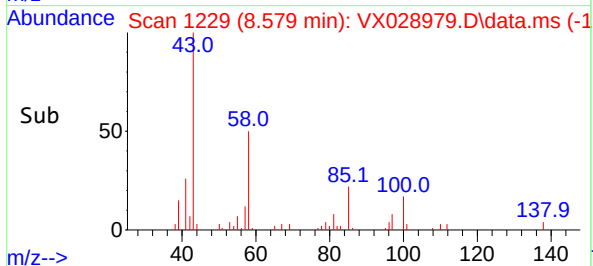
Reviewed By :John
Carlone

05/26/2022
Supervised By :Mahesh
Dadoda

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Supervised By :Mahesh
Dadoda

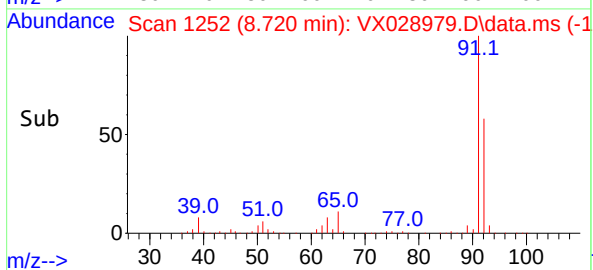
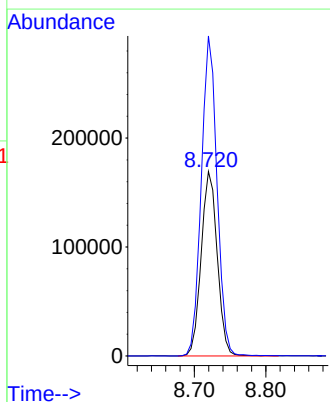
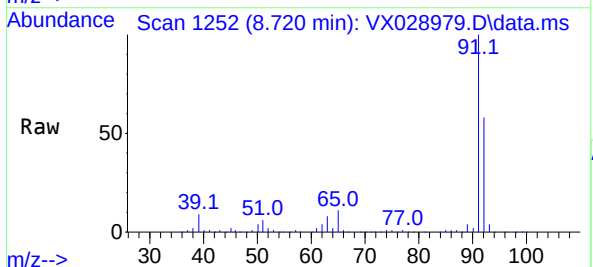


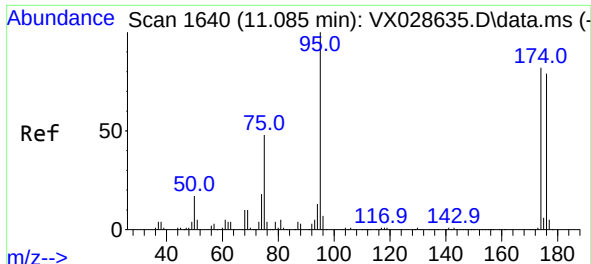
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#52
Toluene
Concen: 24.253 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

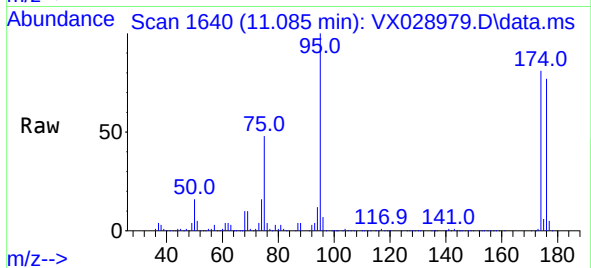
Tgt Ion: 92 Resp: 263784
Ion Ratio Lower Upper
92 100
91 170.4 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 52.698 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



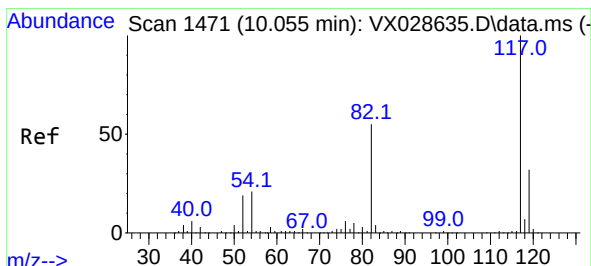
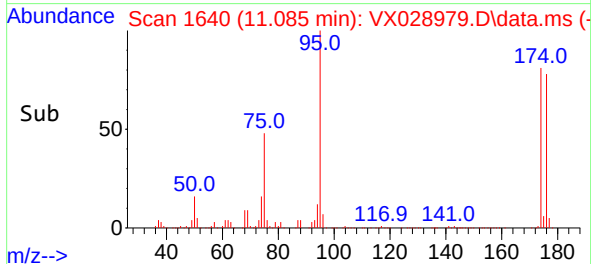
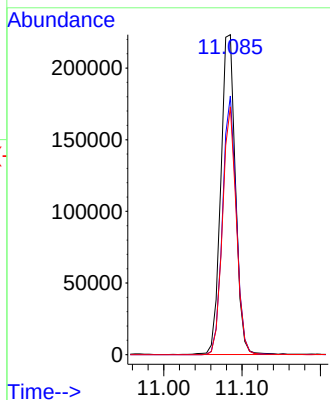
Tgt Ion: 95 Resp: 290660
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 72.9 0.0 155.0

Manual Integrations
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Reviewed By :John
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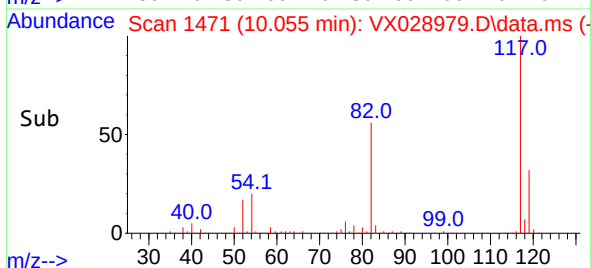
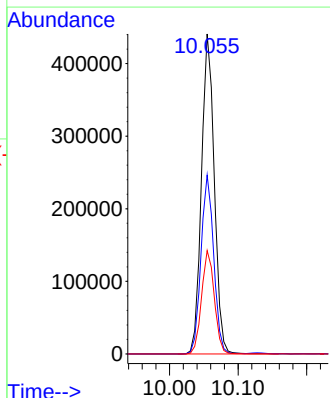
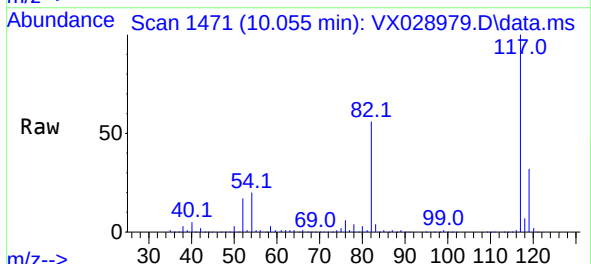
05/26/2022
Supervised By :Mahesh
Dadoda

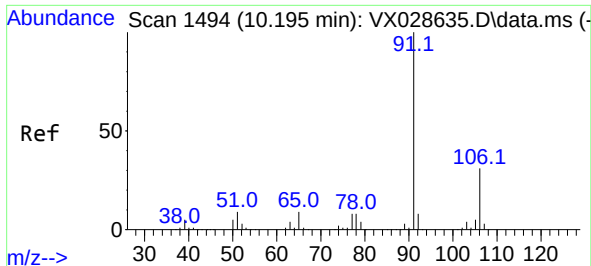
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Supervised By :Mahesh
Dadoda



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

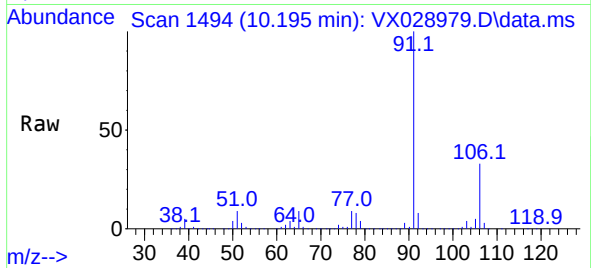
Tgt Ion:117 Resp: 575387
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.3 24.8 37.2





#67
Ethyl Benzene
Concen: 139.390 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



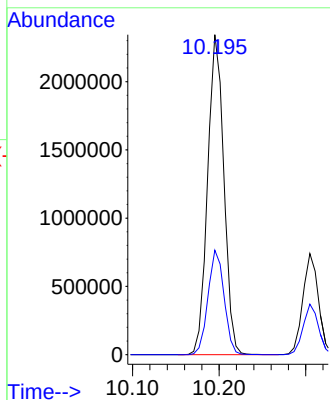
Tgt Ion: 91 Resp: 3049700
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8

Manual Integrations
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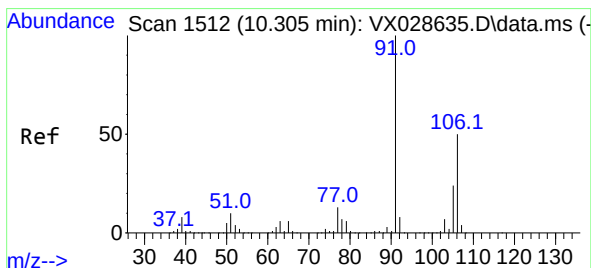
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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Supervised By :Mahesh
Dadoda

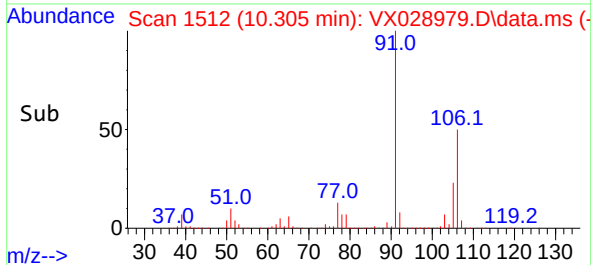
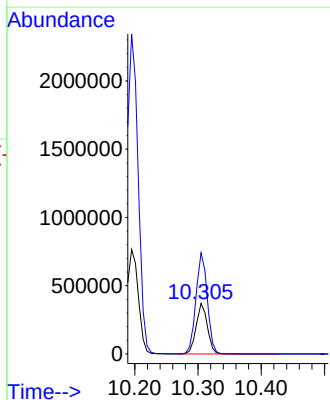
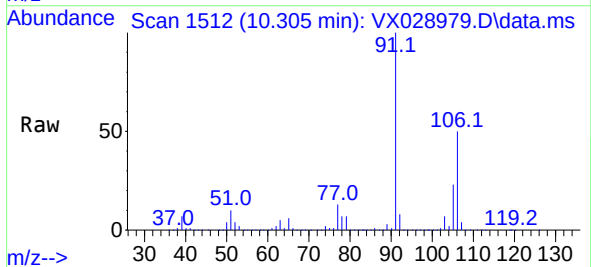


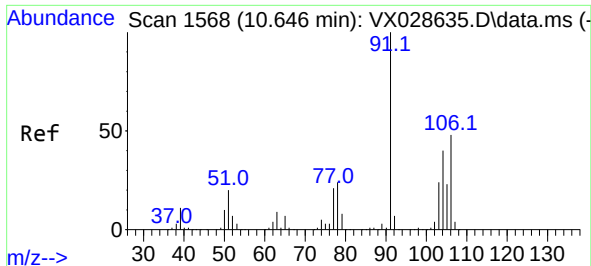
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#68
m/p-Xylenes
Concen: 53.644 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

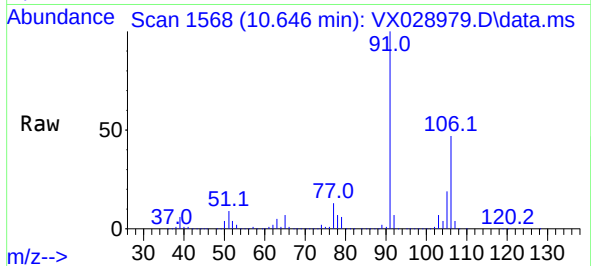
Tgt Ion:106 Resp: 456945
Ion Ratio Lower Upper
106 100
91 202.6 160.4 240.6





#69
o-Xylene
Concen: 25.972 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



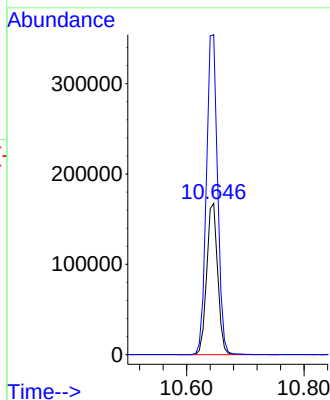
Tgt Ion:106 Resp: 217812
Ion Ratio Lower Upper
106 100
91 215.3 106.1 318.1

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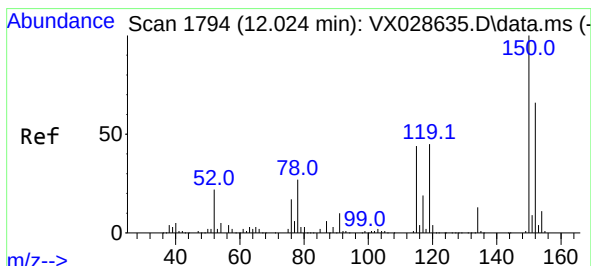
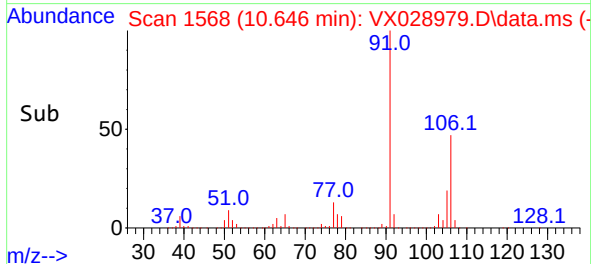
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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Supervised By :Mahesh
Dadoda

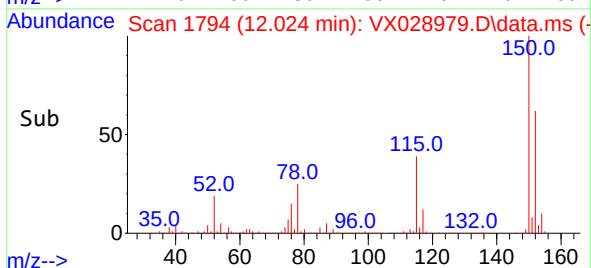
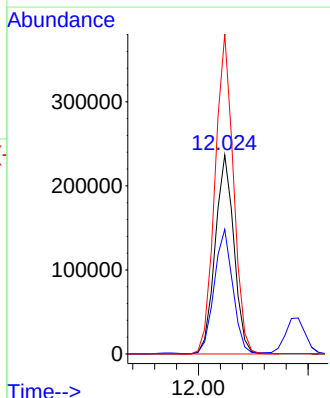
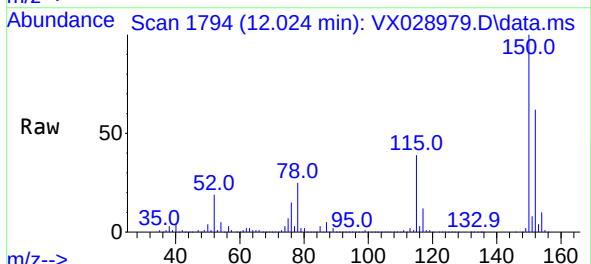


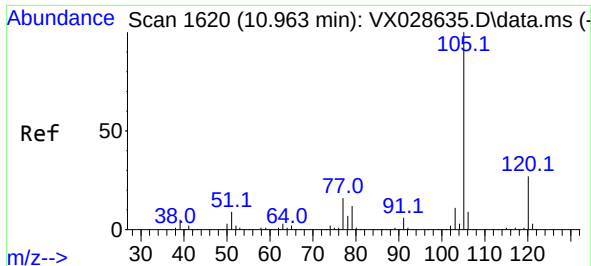
05/26/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

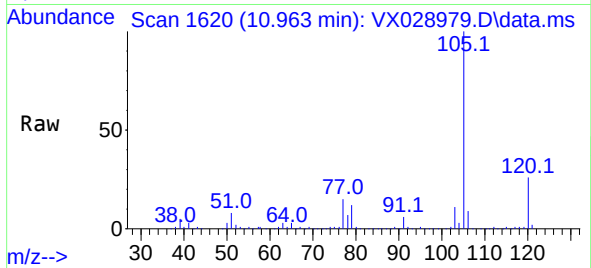
Tgt Ion:152 Resp: 280884
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 158.4 0.0 338.2





#73
Isopropylbenzene
Concen: 6.139 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



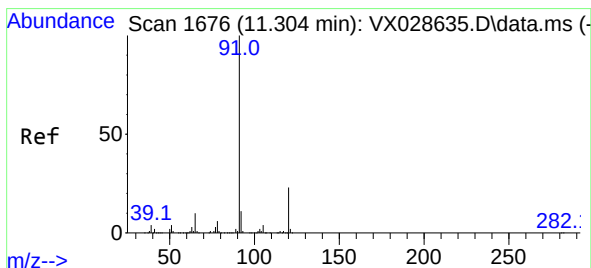
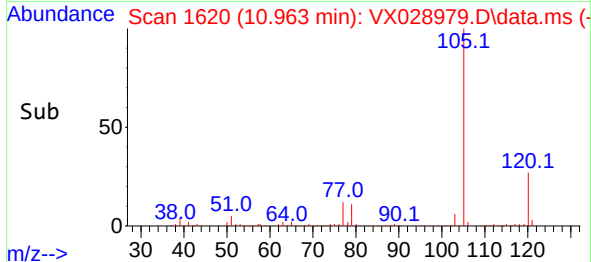
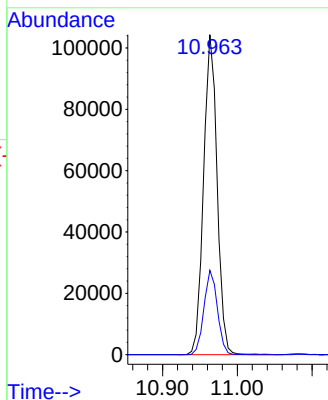
Tgt Ion:105 Resp: 13076
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5

Manual Integrations
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Reviewed By :John
Carlone

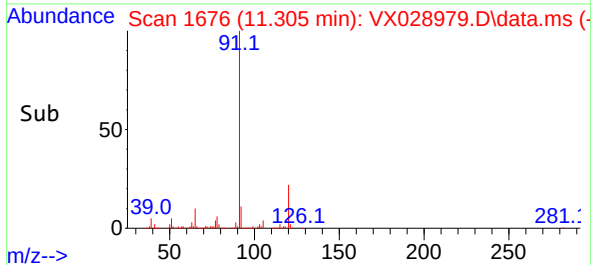
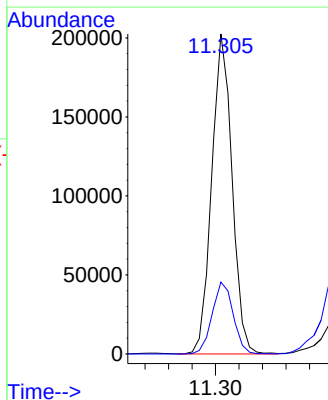
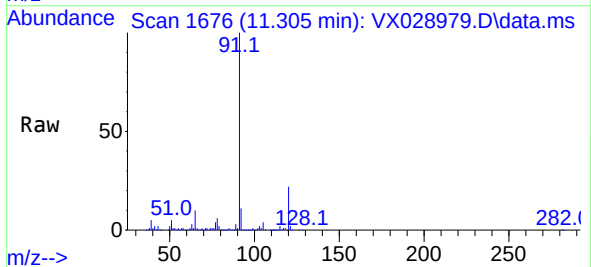
05/26/2022
Supervised By :Mahesh
Dadoda

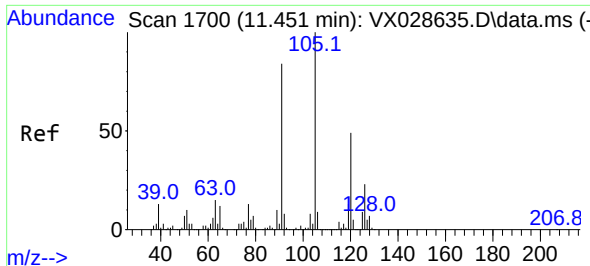
05/26/2022
Supervised By :Mahesh
Dadoda



#78
n-propylbenzene
Concen: 9.898 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

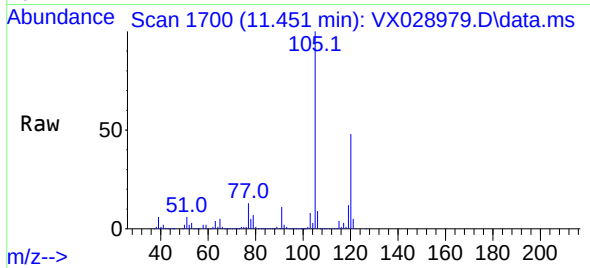
Tgt Ion: 91 Resp: 243879
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 43.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



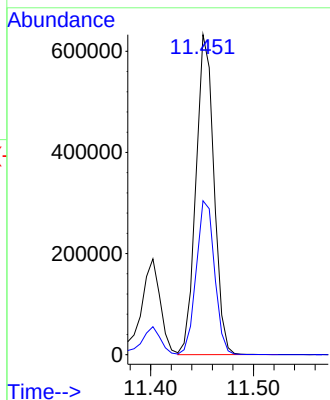
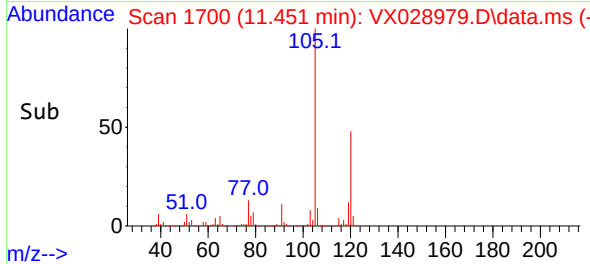
Tgt Ion:105 Resp: 770699
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9

Manual Integrations
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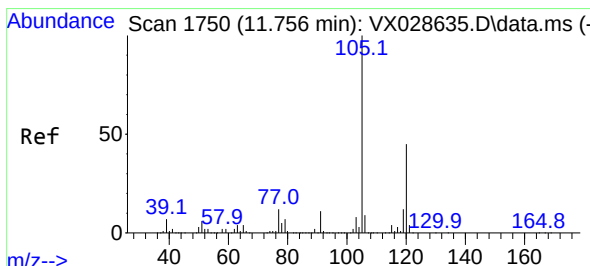
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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Supervised By :Mahesh
Dadoda

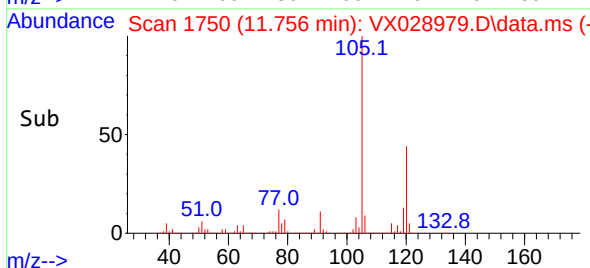
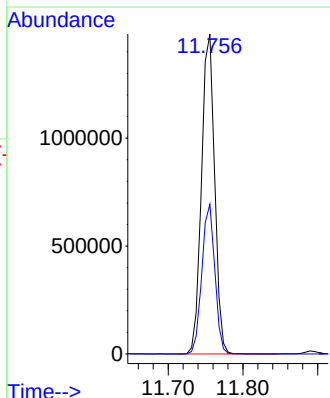
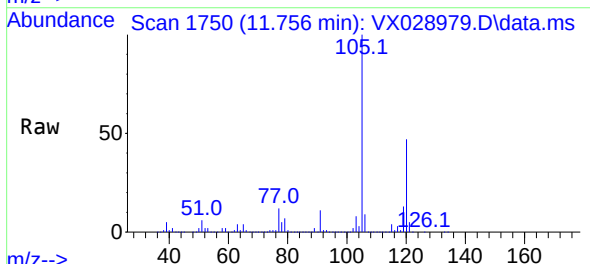


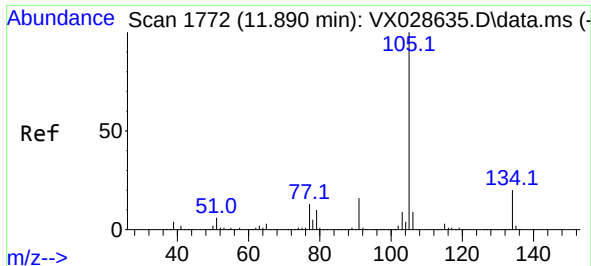
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#84
1,2,4-Trimethylbenzene
Concen: 101.672 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

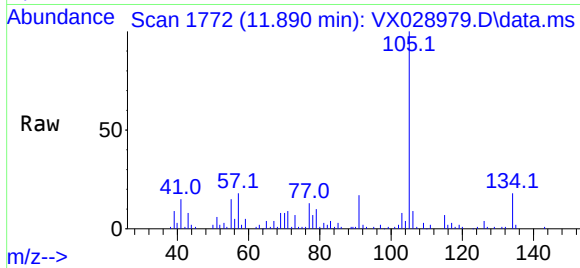
Tgt Ion:105 Resp: 1809590
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.797 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028979.D
 Acq: 26 May 2022 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12



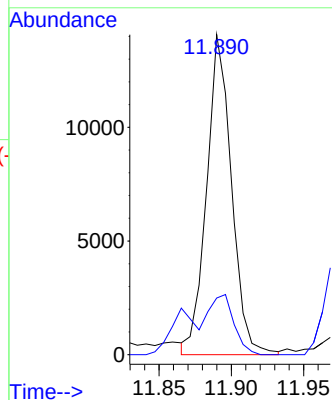
Tgt Ion:105 Resp: 16890
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
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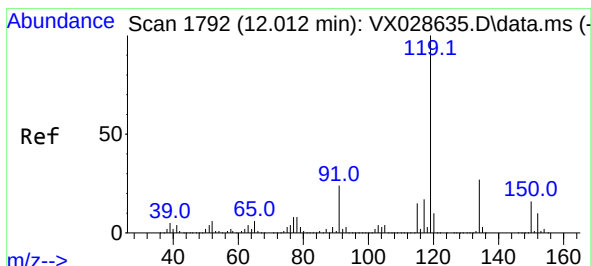
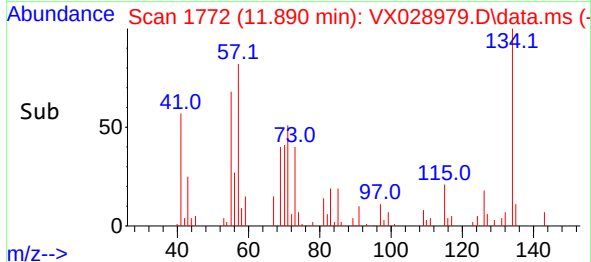
Reviewed By :John
 Carlone

05/26/2022
 Supervised By :Mahesh
 Dadoda

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 Supervised By :Mahesh
 Dadoda

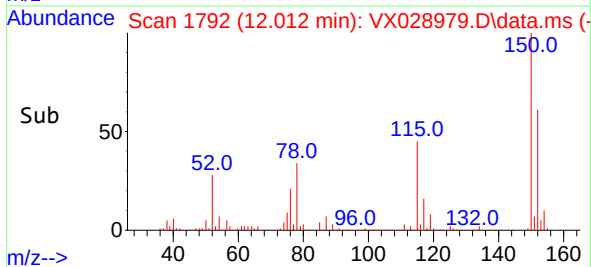
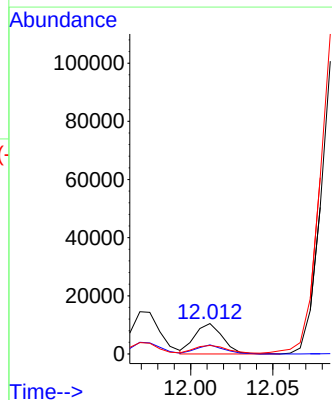
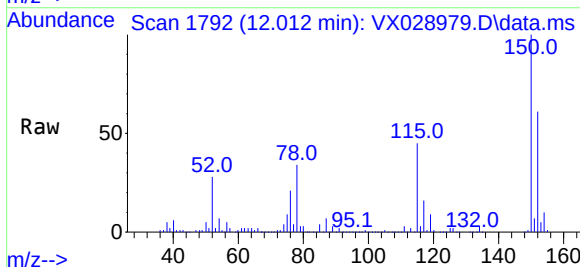


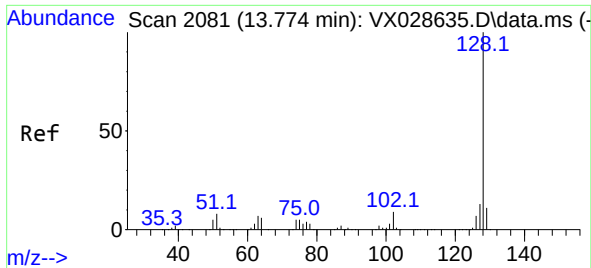
05/26/2022



#86
 p-Isopropyltoluene
 Concen: 0.690 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028979.D
 Acq: 26 May 2022 03:28

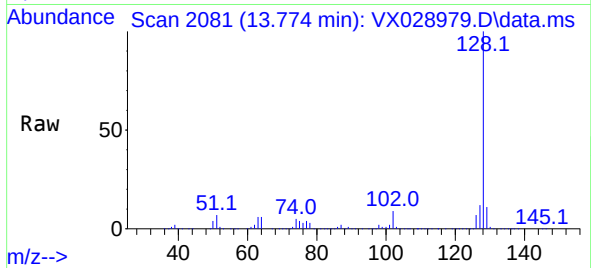
Tgt Ion:119 Resp: 12277
 Ion Ratio Lower Upper
 119 100
 134 29.7 13.0 39.0
 91 0.0 11.3 33.9





#95
Naphthalene
Concen: 14.037 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028979.D
Acq: 26 May 2022 03:28

Instrument :
MSVOA_X
ClientSampleId :
MW-12



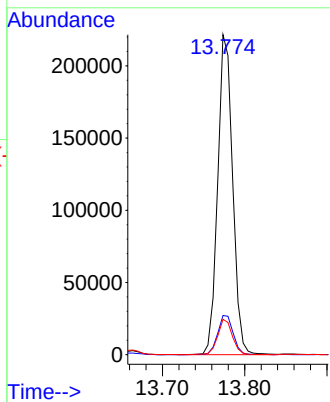
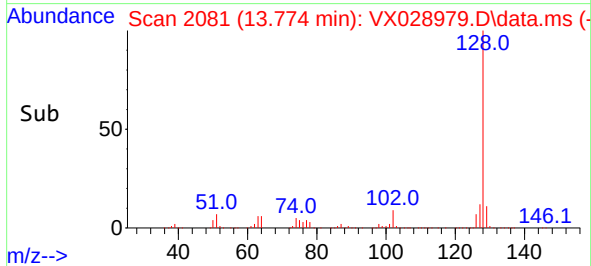
Tgt Ion:128 Resp: 28016
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/26/2022
Supervised By :Mahesh
Dadoda

05/26/2022
Supervised By :Mahesh
Dadoda



05/26/2022